

Skalvi International School				
Alternative Academic Calendar for grade 1 to 5				
2021-22				
Subject: English				
Grade : 1				
Chapters	Month	Learning Outcomes	Activities	Resources
1. Vowels and Consonents	June	To make the learners aware about the concept of Vowels and consonents and the learners will practice reading and pronouncing the words using the CVC pattern	Google Forms	Text Book/video: https://www.loom.com/share/f9146c6f9164c85a514bc0cb70fc0d5
2. Sight words and two letter words	June	The learners will recap the concept of sight words and two letter words and to increase the learners familiarity with the high frequency words.	Google Forms	https://www.loom.com/share/c23936a4a5c745b3987d2246c70cc162
3. Word Families -1	July	To focus on word families, words that have rhyming sounds and share the same spelling patterns. To understand the CVC pattern for the word Families '-at' ,'-ay' , '-ad' , '-am'.	Google Forms	https://www.loom.com/share/3248f718b52947e98f87ab3a2b34d7c0
4. Word Families -2	July	To focus on word families, words that have rhyming sounds and share the same spelling patterns. To understand the CVC pattern for the word Families '-ag' ,'-ar' ,'-ab' , '-et'.	Google Forms	https://www.loom.com/share/76ed84f934074652802d52955568d2a3
5. Word Families -3	July	To focus on word families, words that have rhyming sounds and share the same spelling patterns. To understand the CVC pattern for the word Families '-ed' ,'-eg' ,'-en' , '-ig'.	Google Forms	https://www.loom.com/share/b6c2a1f59a284ab38351098d42156fd5
6. Word Families - 4	July	To focus on word families, words that have rhyming sounds and share the same spelling patterns. To understand the CVC pattern for the word Families '-ag' ,'-ar' ,'-ab' , '-et'.	Google Forms	https://www.loom.com/share/ae07d5ef265849179f498cba615fcac3
7. Word Families - 5	July	To focus on word families, words that have rhyming sounds and share the same spelling patterns. To understand the pattern for the word Families '-ub' ,'-oy' , '-ud' , '-ug'. Learners will have to repeat the word loudly.	Google Forms	https://www.loom.com/share/c93a88ea90be4afab55282be4d6b0f8c

2. The Monkey and the crocodile.	August	To identify the character and sequence in a story. Respond orally to the comprehension question related to the chapter. To improve the listening Skills, to increase vocabulary. To improve the reading as well as the writing Skills of the child.	Google Forms	https://www.loom.com/share/c40f362beaff435ea8e0748391e941e4
3. The Cat with a smile.	August	To identify the character and sequence in a story. Respond orally to the comprehension question related to the chapter. To improve the listening Skills, to increase vocabulary. To improve the reading as well as the writing Skills of the child.	Google Forms	Text Book.
4. The Stork and the Crab.	September	To identify the character and sequence in a story. Respond orally to the comprehension question related to the chapter. To improve the listening Skills, to increase vocabulary. To improve the reading as well as the writing Skills of the child.	Google Forms	Text Book
5. A happy child.	September	To identify the character and sequence in a story. Respond orally to the comprehension question related to the chapter. To improve the listening Skills, to increase vocabulary. To improve the reading as well as the writing Skills of the child.	Google Forms	PPT and Text Book
6. The Ant and the Grasshopper	October	To identify the character and sequence in a story. Respond orally to the comprehension question related to the chapter. To improve the listening Skills, to increase vocabulary. To improve the reading as well as the writing Skills of the child.	Google Forms	PPT and Text Book
7. Now we are Six.	February	To identify the character and sequence in a story. Respond orally to the comprehension question related to the chapter. To improve the listening Skills, to increase vocabulary. To improve the reading as well as the writing Skills of the child.	Google Forms	PPT and Text Book

8. The Kind hearted Villager	February	To identify the character and sequence in a story. Respond orally to the comprehension question related to the chapter. To improve the listening Skills, to increase vocabulary. To improve the reading as well as the writing Skills of the child.	Google Forms	PPT and Text Book
11. Elephant and his friends.	March	To identify the character and sequence in a story. Respond orally to the comprehension question related to the chapter. To improve the listening Skills, to increase vocabulary. To improve the reading as well as the writing Skills of the child.	Google Forms	PPT and Text Book
12. Noun	December	To understand what is Noun and to identify the noun from the provided examples.	Exercises	PPT and Text Book
13 . Action words	November	To understand what are action words and to identify the action word from the provided examples.	Exercises	PPT and Text Book
14. Picture composition.	January	To encourage the child to observe the details in the given picture and then describe the picture in his own words. To enhance the child's vocabulary. To enhance imagination and creativity of a child.	Exercises	PPT and Text Book
15. Story telling	February	To encourage the child in participation using key vocabulary and phrases can create an awareness of rhythm and structure. To enhance the child's vocabulary. To enhance the imagination and creativity of a child.	Exercises	PPT and Text Book
16. Grammar	March	To help the child to use the language effectively. To enable the child to assimilate the correct pattern of the language. To improve the listening Skills, to increase vocabulary.	Exercises	PPT and Text Book

Subject: Math				
Grade : 1				
Chapters	Month	Learning Outcomes	Activities	Resources

1.Number System upto 1000	June	Learners will have a reinforcement and also will be able to identify able to identify three digit numbers	Workbook A Page number (1-35)Number related games	https://www.loom.com/share/0c01e082eaa448aba4c73d8e25c9786c?sharedAppSource=personal_library
2.Addition	July, August	Learners will be able to add three digits and also will learn the concept of carry over's.	Work book -A page number(43-63)	4ee36a110a54d5e8dc082ac40baf495?sharedAppSource=personal_library , https://www.loom.com/share/78c753c00b1d40b0ad423b573b8bfda8?sharedAppSource=personal_library , https://www.loom.com/share/75ca2ab4c63342869b8ef452e4f43075?sharedAppSource=personal_library
3.Subtraction	August, September	Learner's will be able to subtract 3 digit's and also learn the concept of borrowing	Work book -A page number(63-92)	https://www.loom.com/share/c1e94a8f2ee746198706298eb7d27f18?sharedAppSource=personal_library , https://www.loom.com/share/d1efd11dd5ee43aebc92dcb8e2381580?sharedAppSource=personal_library
4.Tables	January	Learners will be introduced with tables from the number 0 & 1	Work book -A page number(92-95)	Text, Book
5- Multiplication	February	Learners will be introduced with the new concept of multiplication using number line	Work book -A page number(97-100)	Text Book
6.Geometry	January	Learners will be introduced with the new topic, new terms.	Work book -A page number(112-119)	Text Book
7-Shapes	February	Learners will be able identify 2d and 3d shapes.	Work book -B page number(36-42)	Text Book
8- Patterns	February	Learners will enjoy much with fun because this chapter is more to do with the identification.	Work book -B page number(42-48)	Text Book
9- Measurement length	March	Learners will be able to measure length by different ways eg: Ruler, Hand Span, Arm Span etc	Work book -B page number(49-59)	Text Book
10 - Measurement Weight	March	Learners will be able to understand difference between heavy and light.	Work book B page number (60-67)	Text Book
11.Tally	March	Learners will be able to collect data using tally charts	Work book- B page number(67-75)	Text Book

Subject: EVS

Grade : 1

Chapters	Month	Learning Outcomes	Activities	Resources
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1.Parts of the Body- Internal Personal Hygiene	June	Learners will be able to introduce about there family and also will be able to introduce about them	Work book -A page number (8,9,10,11 and 12-16), Google forms	https://www.loom.com/share/081effbdf2e6495a9b9cb4f9372d19e3 https://www.loom.com/share/081effbdf2e6495a9b9cb4f9372d19e3?sharedAppSource=personal_library , https://www.loom.com/share/fe99c583b0a44f1ab8e4e9530f8985e8?sharedAppSource=personal_library , https://www.loom.com/share/fe99c583b0a44f1ab8e4e9530f8985e8?sharedAppSource=personal_library , https://www.loom.com/share/fe99c583b0a44f1ab8e4e9530f8985e8?sharedAppSource=personal_library
2.Living and Non-Living Things	July	Learners will be able to diffrentiate the characterstics between living and non-living things	Work book -A page number(34-38)	https://www.loom.com/share/ff03fd3b68234c3da0ac0df895524e1d , https://www.loom.com/share/ff5e5c431d2b48ae984ff70287eec09a?sharedAppSource=personal_library
3.My five Senses	August	Learner's will listen and try to answer	Work book -A page number(34-38)	e25c3fa26664031933e5e31282c5be9 , https://www.loom.com/share/ee595f775796451c9068537774239231?sharedAppSource=personal_library
4. Our Solar System	September	Learners will be able to identify the planets with respect to the colours , shape and size and also will be able to understand the different climatic conditions	Work book -A page number(48-52)	0302531a3d04a1dbbbf4d71e37fb476?sharedAppSource=personal_library , https://www.loom.com/share/d1711cbce91049d997ec75d92306f4fa?sharedAppSource=personal_library , https://www.loom.com/share/fccf04bf17044bfc4512782f8d2f8a0?sharedAppSource=personal_library
5- Me and My Neighbourhood	October	Learners will be able to undrestand the diference between neighbour and neighbourhood and also will identify the places as there neighbourhood	Work book -A page number(59-61)	14d091c0a534726b2410375fea483d0?sharedAppSource=personal_library , https://www.loom.com/share/73466346f8f544139fee708dce7c488c?sharedAppSource=personal_library , https://www.loom.com/share/714d091c0a534726b2410375fea483d0?sharedAppSource=personal_library
		Learners will be able to understand/point it out the and try to figure it out there country, state and city and also the area		810ff6eda4d4e2a9b5b11489c249c33?sharedAppSource=personal_library , https://www.loom.com/share/8810ff6eda4d4e2a9b5b11489c249c33?sharedAppSource=personal_library , https://www.loom.com/share/415e5305e1dc4b7f9a154e75e0e64324?sharedAppSource=personal_library , https://www.loom.com/share/3d16a8a927894880aa098ae88fdb868?sharedAppSource=personal_library
6- Maps	October		Work book -A pagapnumber(68-70)	

7-Seasons	November	Learners will be able to understand the climatic changes taking place with respect to the months and also different types of clothes and food.	Work book -B page number(7,9 and 10)	Text Book
8- Early Man-	December	Learners will be able understand the basic existence of of human being and also therer discovery and inventions.	Work book -B page number(16 and 17)	Text Book
9- Plants-Parts- Germination Types and Uses	January	Learners will be able to understand the structute, parts of the plant and also it's uses	Work book -B page number(29 &30)(32-34), Project	Text Book
10 - Animals	February	Learners will be able to understand different animals and there habitat.	Work book B page number (52-56)	Text Book
11 - Maps- Southern States	March	Learners will be able to recognise different southern states in the map and also there capitals	Work book- B page number(58-60)	Text Book

Grade : 1_				
Chapters	Month	Learning Outcomes	Activities	Resources
वर्णमाला मात्रा Chapter 1 – झूला(oral)	Month1	<ul style="list-style-type: none"> *विद्यार्थी वर्णमाला का सस्वर वाचन करेंगे। *शिक्षिका विद्यार्थी को मात्रा का अनुहार वचन के लिए कहिगी। *शिक्षिका मात्रा करती हुई छात्रों को विस्तार से समझाएगी। *शिक्षिका विद्यार्थी को मात्रा का अनुसार वचन के लिए कहिगी। *शिक्षिका छात्रा को हर एक चित्रों क अर्थ समझाएगी। * शिक्षिका कविता वाचन करते हुए कविता का भावार्थ समझाएगी। * शिक्षिका छात्रों से झूला के बारे में प्रश्न पूछकर छात्रों में उत्सुकता जगाएगी। 	<ul style="list-style-type: none"> *विद्यार्थी वर्णमाला का सस्वर वाचन करेंगे। बिद्यार्थी मात्रा का सस्वर वाचन करेंगे। *विद्यार्थी मात्रा का सस्वर वाचन करेंगे। *कठिन शब्द लिखेंगे\ पहले छंद से प्रश्नों के उत्तर लिखेंगे। 	<ul style="list-style-type: none"> https://www.loom.com/share/b91d98411c334d1c9f07dba6d8a36b23 https://www.loom.com/share/ce56a11956114e89a7a30c50ab6181c8 https://www.loom.com/share/2b630232fa5440419551feb05b29a3f9 https://www.loom.com/share/6cc4dc27c2d046a9ac5200ede169ce76 https://www.loom.com/share/e8f7507af6ba4fb6b74bce9ba5119d9d
बारहखड़ी Chp - 3आम की टोकरी	Month2	<ul style="list-style-type: none"> * शिक्षिका विद्यार्थी को बारहखड़ी पढ़ने और लिखने के लिए कहेगी। क - र * शिक्षिका छात्रा को हर एक चित्र का अर्थ समझाएगी। * शिक्षिका कविता वाचन करते हुए कविता का भावार्थ समझाएगी। 	<ul style="list-style-type: none"> * विद्यार्थी बारहखड़ी पढ़ते हुए लिखेंगे *विद्यार्थी कविता वाचन करेंगे। *विद्यार्थी भावार्थ समझेंगे। 	<ul style="list-style-type: none"> https://www.loom.com/share/5ec2ad6c5101430d8a37ca8326013824 https://www.loom.com/share/80667bc2d4a24d19adcb2b8af7a8ae2a https://www.loom.com/share/6e345fbc98504c079fb868ecf29448ac https://www.loom.com/share/e8f7507af6ba4fb6b74bce9ba5119d9d

बारहखड़ी Chapter 4 – पत्ते ही पत्ते(oral)	Month3	*शिक्षिका विद्यार्थी को बारहखड़ी लिखने के लिए कहेगी। ल - ज्ञ *शिक्षिका कविता वाचन करते हुए कविता का भावार्थ समझाएगी। * शिक्षिका छात्रों से पत्ते के बारे में प्रश्न पूछकर छात्रों में उत्सुकता जगाएगी।	*विद्यार्थी बारहखड़ी पढ़ते हुए लिखेंगे *विद्यार्थी कविता वाचन करेंगे। *विद्यार्थी भावार्थ समझेंगे।	https://www.loom.com/share/b5ef49cd53494218b7e9a91fa966d38f https://www.loom.com/share/96529bd5250d43808ff8cd151c10ce42 https://www.loom.com/share/e8f7507af6ba4fb6b74bce9ba5119d9d
Chapter 5 – पकौड़ी Chapter 7 – रसोईघर	Month4	*शिक्षिका छात्रा को हर एक चित्रों क अर्थ समझाएगी। * शिक्षिका कविता वाचन करते हुए कविता का भावार्थ समझाएगी। *शिक्षिका छात्रों को कठिन शब्दों का अर्थ और उच्चारण बताएँगी।	*छात्र कहानी को पढ़ेंगे। * छात्र कहानी का सार और कठिन *शब्दों और महावरों के प्रयोग को समझेंगे।	https://www.loom.com/share/5ec2ad6c5101430d8a37ca8326013824 https://www.loom.com/share/7da471acbdee45328f9b467712133874 https://www.loom.com/share/7b274355b05c41089e620891153c23ee
दो अक्षर वाले सब्द। Chapter 8 – चूहो! म्याऊँ सो रही है Chapter 10 – पगड़ी	Month5	*दो अक्षर वाले सब्द पढ़ने और लिखने के लिए कहेगी। *शिक्षिका छात्रा को हर एक चित्रों क अर्थ समझाएगी। * शिक्षिका कहानी पढ़ते हुए छात्रों को कहानी का सार और कहानी से मिली सीख को समझाएगी। * शिक्षिका छात्रों में वाचन शक्ति और लेखन कौशल के विकास करने का प्रयास करेंगी।	*दो अक्षर वाले सब्द लिखने के लिए कहेगी। *विद्यार्थी कहानी को पढ़ेंगे। *विद्यार्थी कहानी का सार और कठिन *शब्दों और महावरों के प्रयोग को समझेंगे।	 (12) Learn Hindi- two letters word (दो अक्षर वाले शब्द) - YouTube
Chapter 11 – पतंग Chapter 13 – बंदर गया खेत में भाग	Month6	* शिक्षिका कहानी पढ़ते हुए छात्रों को कहानी का सार और कहानी से मिली सीख को समझाएगी। * शिक्षिका छात्रों में वाचन शक्ति और लेखन कौशल के विकास करने का प्रयास करेंगी। *शिक्षिका छात्रा को हर एक चित्रों क अर्थ समझाएगी।	*विद्यार्थी कहानी को पढ़ेंगे। *विद्यार्थी कहानी का सार और कठिन शब्दों और महावरों के प्रयोग को समझेंगे। * विद्यार्थी प्रश्नों का उत्तर देने में सक्षम रहेंगे।	Text Book / PPT
Chapter 14 – एक बुढ़िया Chapter 17 – चकई के चकदुम	Month7	* शिक्षिका कहानी पढ़ते हुए छात्रों को कहानी का सार और कहानी से मिली सीख को समझाएगी। * शिक्षिका छात्रों में वाचन शक्ति और लेखन कौशल के विकास करने का प्रयास करेंगी। *शिक्षिका छात्रा को हर एक चित्रों क अर्थ समझाएगी।	*विद्यार्थी कहानी को पढ़ेंगे। *विद्यार्थी कहानी का सार और कठिन शब्दों और महावरों के प्रयोग को। * विद्यार्थी प्रश्नों का उत्तर देने में सक्षम रहेंगे।	Text Book / PPT

Chapter 18 – छोटी का कमाल Chapter 20 भगदड़	Month8	* शिक्षिका कहानी पढ़ते हुए छात्रों को कहानी का सार और कहानी से मिली सीख को समझाएगी। * शिक्षिका छात्रों में वाचन शक्ति और लेखन कौशल के विकास करने का प्रयास करेगी। * शिक्षिका छात्रों को हर एक चित्रों का अर्थ समझाएगी।	* विद्यार्थी कहानी को पढ़ेंगे। * विद्यार्थी कहानी का सार और कठिन शब्दों और महावर्णों के प्रयोग को। * विद्यार्थी प्रश्नों का उत्तर देने में सक्षम रहेंगे।	Text Book / PPT
Chp -22 हाथी चल्लम चल्लम Chp 23- सात पूँछ का चूहा	Month9	* शिक्षिका कहानी पढ़ते हुए छात्रों को कहानी का सार और कहानी से मिली सीख को समझाएगी। * शिक्षिका छात्रों में वाचन शक्ति और लेखन कौशल के विकास करने का प्रयास करेगी। * शिक्षिका छात्रों को हर एक चित्रों का अर्थ समझाएगी।	* विद्यार्थी कहानी को पढ़ेंगे। * विद्यार्थी कहानी का सार और कठिन शब्दों और महावर्णों के प्रयोग को। * विद्यार्थी प्रश्नों का उत्तर देने में सक्षम रहेंगे।	Text Book / PPT

Skalvi International School				
Alternative Academic Calendar for grade 2				
2021-22				
Subject: Environmental studies				
Grade : 2				
Chapters	Month	Learning Outcomes	Activities	Resources
1. My Body Human Internal Organs.	August	To make the learners understand about human internal organs, their structure, location and function.	Google Forms Showed the pictures of different internal organs and asked the children to identify the organ. Asked the children to explain the function of different internal organs.	03d0658d4f3432794faa65b1c22d6cb https://www.loom.com/share/35c69b0304e64488a47c841acbeae2d9 https://www.loom.com/share/e79cd21f6a544467a3b3007026b47aa4 https://www.loom.com/share/f57906ba61dd4e8092f4969fdb94b46a
2. Plants	August	To make the learners understand about 'Plants', the different categories and varieties of plants. Also children will learn about different categories of fruits and Vegetables.	categories of plants. Asked the learners to label the different parts of the plants. Will ask the learners to get a sample of different categories of plants learned in the class.	c66999530e34f3ea1953a3988d75889 https://www.loom.com/share/04f6d0300ef545d9a4985c1308914b7e https://www.loom.com/share/3c66999530e34f3ea1953a3988d75889 https://www.loom.com/share/0cfeba7f78814eacbf5b4d17dff17

3. Early Man very intelligent.	September	To make the learners understand about the early human being and their culture and life style.	Google Forms asked the learners to find out the different invention of early human beings.	cc3f1d9e42c4766829e4d5507ee24a4 https://www.loom.com/share/03e5bc029e7f4c0b876581964e5a5dde https://www.loom.com/share/de958208a36841088d0c6ba3d2ddf5d2 https://www.loom.com/share/7ee80caf51914dc18cef477f72448
4. Landform and Water Bodies	October	To make the learners understand about different kinds of landform and water bodies.	make a project on different kinds of landforms.	Text book/ Zoom Class
5. Means of Transport	November	To make the learners understand about different means of transport.	to make a chart which shows different kinds of Land, water, Air and	Text book/ Zoom Class
5 Maps	December	To make the learners understand about the world, India, Various states of India, their Capital and the Union Territories of India.	Gave the outline of the Indian Map and asked the learners to label the various states of India and their Capital..	Text book/ Zoom Class, PPT
8. Shelters	January	To make the learners understand about the different kind of Shelters. Children will be able to name the different kinds of Kucha and pakka houses.	Asked the children to identify the difference between the kucha and the pakka houses.	Text book/ Zoom Class, PPT
9. Sources of water.	February	To make the learners understand about the different sources of water. Children will be able to name the various kinds of ground and surface water.	Asked the learners to do a demo on how the water comes to our house and also to do a demo on rain water harvesting.	Text book/ Zoom Class, PPT
10. Food we eat.	February	To make the learners understand about the different kinds of Food.	identify the difference between the healthy and Junk Food.	Text book/ Zoom Class, PPT

Maths Grade : 2				
Chapters	Month	Learning Outcomes	Activities	Resources
1. Numbers upto 1000	JUNE	Learners recognize the value of a digit based on its location within a number. Learners write numbers upto 1000 and identify the number names. Learner compare two numbers using greater than, less than, or equal to.	Practice worksheet. https://docs.google.com/forms/d/e/1FAIpQLScT8mD624nrTw_wVsTD7v9_yV-nXPk-zLbB3QvufN7VhNoSSg/viewform	https://www.loom.com/share/ffe21270cd6e476c859fc1e5481eb4fa https://www.loom.com/share/c16d2d9b86bd4e70b96e1d80b83be0bf https://www.loom.com/share/d951477301564b9995ce3e8227eb0a7f

2. Addition	JUNE	<p>learner understand the concept of 'Adding To' and what 'putting together' means.</p> <p>Learners add large numbers with the help of carry over method.</p> <p>Learner orrectly set up the mathematical operation for word problems.</p>	<p>https://docs.google.com/document/d/1SxOiiV7PJ6y2PfcDTdOsKJLiiEBRDr-C5fvNIXn8JIU/edit</p>	<p>98081144c0442d4993d68628ed839a1</p> <p>https://www.loom.com/share/65a9cc247ca24898ac784296f32e7d1b</p>
3. Subtraction	JULY	<p>Learners understand the concept of 'Subtracting from'.</p> <p>Learner subtract numbers with the help of borrowing method.</p> <p>Learner correctly set up the mathematical operation for word problems.</p>	Practice worksheet.	Text Book. PPT
4. Tables	JULY	<p>Learners understand the concept of repeated addition and writing the tables from 2-12.</p> <p>Learner memorize the tables.</p>	<p>W6dlz7u7TLDb-rKIRgLAIU4z2XpiRToxLT o&authuser=0</p> <p>b)Craft: Write tables in the cutout of numbers.</p>	<p>a6f8ad57fdc419cbfdc980189465de9</p> <p>https://www.loom.com/share/fc19378f15a841329e91090ee104958a</p>
5. Multiplication	AUGUST	<p>Learner will be able to multiply two digit number with one digit.</p> <p>Learner will understand the zero property.</p>	<p>Practice Worksheet</p> <p>https://drive.google.com/open?id=1-VWOZ-zdjw32Y-bghm7aKt4jbn_kHQfggf6QIW2Dgwg&authuser=0</p>	<p>8e6ea0977aa46f68397318c8626935a</p> <p>https://www.loom.com/share/41c2ef37ccd445558e77eba9147564ab</p> <p>https://www.loom.com/share/09ef4f8062644e7e8f550843a3eb</p>
6. Odd and Even Number	SEPTEMBER	<p>Learners will be able to identify instances of even and odd numbers in everyday life.</p> <p>Learners will determine whether a group of objects has even or odd number of members.</p>	<p>Name few things that comes in pair.</p> <p>Practice worksheet</p>	Text Book PPT Zoom session
Revision	October	<p>Learner will recapitulate the learned lessons.</p> <p>Learner will be able to reflect on what they have learned.</p>	<p>Practice worksheet</p> <p>Google form</p>	Worksheet
7. Division	November	<p>Learner will determine division is dividing into equal groups.</p> <p>Learner will understand the concept that division is repeated subtraction.</p> <p>Learner will be able to divide or share numbers equally in groups.</p>	Practice Worksheet	Text Book PPT Zoom session
8. Parts of a whole	November	<p>Learner will be able to define numerator, denominator.</p> <p>Learners will be able to identify the number of shade parts and number of equal parts in shapes.</p>	Pizza Pie activity	Text Book PPT Zoom session

9. Calendar and Time	December	Learner will identify the placement of numerals and hands on an analog clock. Learner will understand the meaning of half past, quarter past etc. Learner will be able to list and describe different types of calendars.	Make a clock showing minute, second and hour hands. Mark holidays in a calendar.	Text Book PPT Analog clock Calendar Zoom session
10. Money	December	Learner will be able to identify coin/money values Learner will be able to count money using skip counting.	of different denomination and show it in the class.(include old	Text Book PPT, real coins, notes of different denomination. Zoom session
11.Measurement (Length)	January	Learners will identify the different unit of measurement of length. Learner will be able to measure the length of different objects.	Measure 5 different object at home an write it in the notebook.	Text Book PPT, measuring tools like inch tapes, ruler etc. Zoom session
12. Graph	January	Learner will be able to collect, organize, display and analyse the data. Learner will be able to represent data with bar and picture graph.	Fruit Survey Activity(Bar Graph): The children vote for their favourite fruit in the class.	Text Book PPT Zoom session
13. Measurement Weight and Volume	February	Learners will identify the different unit and tools for measurement of weight and volume. Learner will be able to perform addition and subtraction of volume.	scoops? Learner will fill the big container with sand, sugar etc and will count the number of scoops it took to fill the container.	Text Book PPT, real objects like balance, beaker etc. Zoom session
Revision	March	Learner will recapitulate the learned lessons. Learner will be able to reflect on what they have learned.		

Subject: English				
Grade : 2				
Chapters	Month	Learning Outcomes	Activities	Resources
The foolish Lion and the clever Rabbit,	June	Learners will be able to explain the story and cleverness of the rabbit.	Reading the lesson	https://www.loom.com/share/d2034be12ba5498ca4676471a8d36c84 ,
Poem - Wind On The Hill	July	To make learners understand what poet think of wind. To understand how the poet fly a kite to find the direction.	recitation of the poem.	https://www.loom.com/share/a0cc1ce2890941c5898a8591d10a0608 , https://www.loom.com/share/b50f6ccf4aa44200b848e85c254c9a17 , https://www.loom.com/share/7

The Little Thief in the Pantry, Picture composition, Creative writing	August	To make the learners understand story line of the story line of the lesson The Little Thief in the Pantry, To make the learners understand the concept of the story.	Reading the lesson , writing own picture composition looking at the picture	https://www.loom.com/share/0495209e582d4d83add4298edf3812b5 , https://www.loom.com/share/929c5eacef464f538510c2942a9dfe73 https://www.loom.com/share/5da95d62907f48609b92b10555f10202 , https://www.loom.com/share/3ab076de409b489181697c5e4c9c7ba1 , https://www.loom.com/share/3
Poem - Run, English Comprehension practice	September	To make learners understand about the poem Run. To understand where the poet wants to run.	Recitation of the poem. Reading practice of comprehension and answering the questions. Revision of all the lessons	https://www.loom.com/share/b52f84629a094eb481768581cad417d2 , https://www.loom.com/share/62d2455e9b494e4a9f56cf74b7b7b832 , https://www.loom.com/share/022fc92d251343a5bd6216e100943df2 ,
Picture composition, Comprehension, Poem - The Swing	October	To make learners understand about the poem The Swing. To understand how the poet wants to swing.	Recitation of the poem. Reading practice of comprehension and answering the questions	https://www.loom.com/share/50a9c467b7f14cba875c498504a4df69 https://www.loom.com/share/015c1124399140f695f9ebb57de8f10c ,
The Wind and the Sun, Picture composition, Gulliver's Travel	November	To make the learners understand story line of lesson The wind and the sun. To make the learners understand who is stronger. To make the learners understand story line of the story line of lesson Gulliver's travel	https://classroom.google.com/u/0/w/NjY1NzAxMzMxNjZa/tc/Njc2OTcwMDEyNzNa	https://www.loom.com/share/2649809d9f0545e0a02830605208f841 , https://www.loom.com/share/1f6e7154a23c49748e411c52bd014133 , Textbook
Grammar- Noun , pronoun	December	To make the learners understand parts of speech- noun and pronoun	Noun identification games and pronoun games in class	PPT
But Then, Grammar Verb, Justice in the Jungle	January	To make the learners understand the poem But Then. To make the learners understand story line of lesson Justice of the Jungle	Recitation, Reading. Verb identification	Textbook, PPT
Poem - All Things Bright and Beautiful, Picture composition,	February	To make the learners understand the poem All things Bright and beautiful	Recitation of poem, Adverb identification	Textbook, PPT

Grade 2 - Hindi : Annual academic plan

S.No.	Term	Topic	Month	Assessment
1	Term 1	Oont Chala, Bhaaloo ne kheli footbal, Grammar Topic 1	June	
2	Term 1	Myaoon Myaoon, Adhik Balwaan Koun, Grammar Topic 2	July	
3	Term 1	Dost ki madad, Bahut hua, Grammar revision	August	Review 1 : Any 3 Chapters

4	Term 1	Meri Kitaab, Titli aur Kali, Grammar Topic 3	September	
5	Term 1	Bulbul	October	
6	Term 2	Meethi Saarangi, Grammar revision	November	
7	Term 2	Tesu Raja Beech Bazaar	December	Review 2 : Any 3 Chapters
8	Term 2	Bus ke neeche baagh, Sooraj jaldee aanaa jee, Grammar Topic 4	January	
9	Term 2	Natkhat Choocha, Ekki-Dokki, Grammar revision	February	
10	Term 2	Revision	March	Review 3 : Any 3 Chapters

Skalvi International School				
Alternative Academic Calendar for grade 1 to 5				
2021-22				
Subject: Environmental Studies				
Grade : 3				
Chapters	Month	Learning Outcomes	Activities	Resources
Family	June	Learners will be able to explain the meaning of family. Learners will state the importance of family.	Write your Family Tree	https://www.loom.com/share/6b69f9d090b348b1a4efd529abfa9db0 https://www.loom.com/share/e56084a0eaa5422a864e78919d3b6f8a
Cell to Organ System	July	To make the learners understand about cell. Will explain the different types of cell. To make the learners understand about Body system.	Identify the functions of the internal organs	99d9c63c17a468b8e21629d28b1102d https://www.loom.com/share/23afb00744a44d7ca86b072098e4b4b0 https://www.loom.com/share/904b65f1c0ea475f8fd13b47bb454bd7 https://www.loom.com/share/f502195c909448778d22b69c1dad9860 https://www.loom.com/share/18cb887ebb9046d5855f25acbd8e078b https://www.loom.com/share/4000e96c2d2b4cbebcd6aa0c84189086 https://www.loom.com/share/21cbef0669694d978b959d0033cb6e85

Plants	August	To make the learners understand about a Plant . Will explain what is a Plant and important part of the plant.	Showing parts of Plant and flower, growth of plant from seed to young plant. https://www.youtube.com/watch?v=w77zPATVTul	https://www.loom.com/share/5eaf09a4d58149ee9da9b11d283e2034 https://www.loom.com/share/12a4c189a8b248ce83a40cd98e6aa229 https://www.loom.com/share/e6cbf94f12574190b950015241a2fbb4 https://www.loom.com/share/37688435f2da4a908d05514140b6c065 https://www.loom.com/share/35cc58ef13b444ebbe963560b04de6a0
Early man - Nomads to Farmers , World Rivers	September	To make the learners understand about a Early Man. Will explain the evolution of the Man. To make the learners understand the 10 longest rivers in the world	PPT on tools used by early man, PPT of rivers on Map.	https://www.loom.com/share/60ee2767b1e54c5cb023b3f898aff8f https://www.loom.com/share/3858f9e012e1419db3028851dde2b8bc https://www.loom.com/share/5c6fe1d375a94f26b9a8b914b9e54e18 https://www.loom.com/share/e56ca96a4712439c8e541fdd95c9e116 https://www.loom.com/share/7df5127cc3a840f2a27c8446b34ae462 https://www.loom.com/share/de9bd6fb33c6475cb659b01bd3763365 https://www.loom.com/share/9fa8f4b77013406dac9a79781ca1f948 https://www.loom.com/share/9c299787a8a3464d8dac4ad88256e2d5 https://www.loom.com/share/62fba2e04b0041228e927f12f5e0
Constitution of India, Birds	October	To make the learners understand about Constitution of India and six fundamental rights of Indian Citizen, To make the learners understand about Birds and different kinds of birds	G.K on Constitution of India, Identification of different words	https://www.loom.com/share/7df5127cc3a840f2a27c8446b34ae462 https://www.loom.com/share/de9bd6fb33c6475cb659b01bd3763365 https://www.loom.com/share/9fa8f4b77013406dac9a79781ca1f948 https://www.loom.com/share/9c299787a8a3464d8dac4ad88256e2d5 https://www.loom.com/share/62fba2e04b0041228e927f12f5e0
Solid, Liquid and Gas	November	To make the learners understand about atoms , molecules in solid, liquid and gas	https://www.youtube.com/watch?v=jmm1J2yl9tk	Textbook
Weather, Seasons and Climate , Air	December	To make the learners understand about causes of Seasons , meaning of weather and climate	https://www.youtube.com/watch?v=6SzjsuyTdk	Textbook
Measurement, Transportation in Plants	January	To make the learners understand about different measurement concepts. To make the learners understand about Transportation in Plants	https://www.youtube.com/watch?v=Z0CcUyFzeZ4 , https://www.youtube.com/watch?v=JFb-CVtL-7L5	Textbook

Water & Noise pollution, Maps-European Countries (10)	February	To make the learners understand about causes of water, noise and water pollution . To make the learners understand about Mapping of European countries	list the causes for different pollution , and mapping of different European	Textbook
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Grade 3 - Hindi : Annual academic plan				
S.No.	Term	Topic	Month	Assessment
1	Term 1	Kakoo, Shekibaaz Makhi , Grammar Topic 1	June	
2	Term 1	Chaand waali Amma, Sooraj aur Chaand uper kyon gaye, Grammar Topic 2	July	FA1 : Kakoo, Shekibaaz Makhi, Grammar Topic 1
3	Term 1	Man Kartaa Hai, Bahadur Bitto, Grammar revision	August	FA2 : Chaand waali Amma, Sooraj aur Chaand uper kyon gaye, Grammar Topic 2
4	Term 1	Moos Ki majdoori, Hamse sab kahte	September	SA1 : 2 chapters + Grammar Topic 1 and 2
5	Term 1	tiptipwaa, Grammar Topic 3	October	
6	Term 2	Bandar Baant, Kab Aaun, Grammar Topic 4	November	
7	Term 2	Kyonjimal aur kaise kaisliyaa	December	FA3 : Tiptipwa, Bandar Baant, Grammar Topic 3
8	Term 2	Meera bahan aur baagh, Jab Mujhe saanp ne kaata	January	FA4 : Kab Aaun, Kyonjimal aur kaise kaisliyaa, Grammar Topic 4
9	Term 2	Mirch ka Majaa, Sabse Achara ped, Grammar revision	February	
10	Term 2	Revision	March	SA2 : any 3 chapters , Grammar

Maths Grade : 3				
Chapters	Month	Learning Outcomes	Activities	Resources
Chp - 2The Jungle Book Chp - 3 The Little Plant Picture composition	June	*Will ask the learner to quickly read the chapter and mark their difficult words. *Learner will recite poem and will mark the difficult words. *Learner with see the picture carefully and will compose his thoughts.	*Will ask the learner to read and practice the difficult words 3times and the vocabulary. *Will ask the learner to summarize the poem with examples. *Based on the points the learner will write	https://www.loom.com/share/256aea8a20ba406784194e1c5bb9b7e5 https://www.loom.com/share/12d7b8d5d1c740c188ee5f9c96da8b8f2 https://www.loom.com/share/12d7b8d5d1c740c188ee5f9c96da8b8f2
Chp-4 How I learn To Ride? Chp -5 Temper Picture composition	July	*Will ask the learner to quickly read the chapter and mark their difficult words. *Learner will recite poem and mark difficult word. *Learner with see the picture carefully and will compose his thoughts.	*Will ask the learner to read and practice the difficult words 3times and write the question and answer. *Will ask the learner to summarize the poem with examples. * Based on the points	https://www.loom.com/share/17d2aeba5b174139adefec329e097ef3 https://www.loom.com/share/17d2aeba5b174139adefec329e097ef3 https://www.loom.com/share/7ab5526c9dd74ad79c556d02141

Chp 6 The Wise Man Picture Composition	August	*Will ask the learner to quickly read the chapter and mark their difficult words. *Learner will see the picture carefully and will compose his thoughts.	*Will ask the learner to read and practice the difficult words 3times and write the question and answer. *Based on the points the learner will write atleast 4-5 lines	https://www.loom.com/share/4f85b62f7c22431ab4659b0ced8cd019 P.C Text Book
Types of nouns. Pronoun	September	*Learner to understand How many types of noun. *Learner to understand what is pronoun and how to use.	*Learner will identify use of different types of nouns and pronoun in short passage.	PPT / Google Doc Worksheet /Video: https://www.youtube.com/watch?v=ZY3U25QMxS8
Chp-7 What is Pink?	October	*Learner will the recite poem and mark difficult word. *Will discuss the vocabulary.	*Learner will give some more example, where comparing the colour with some objects . *Learner's will	Text Book / PPT
Verbs Adjectives	November	*Learner to understand and give example of Verbs. *Learner to understand what is adjective ?	*Learner to identify the verbs and the adjective in the sentences.	PPT / Google Doc Worksheet / Video: https://www.youtube.com/watch?v=laQUXyfVM9Y https://www.youtube.com/watch?v=T2Rthoduqs
Ch8- Two Brothers_ Chp- 9 The Rainbow Vocabulary, Idioms	December	*Will ask the learner to quickly read the chapter and mark their difficult words. * Learner will the recite poem and mark difficult word. *Will discuss the Vocabulary and Idioms.	* Will ask the learner to read and practice the difficult words 3times and write the question and answer. * Learner will add few more lines to the poem. * Learner's will participate and answer	Text Book /PPT
Chp- 10 Tenali Raman and the weight lifter. Vocabulary/Idioms Picture Composition	January	*Will ask the learner to quickly read the chapter and mark their difficult words. *Will discuss the Vocabulary and Idioms.	* Will ask the learner to read and practice the difficult words 3times and write the question and answer. *Learner's will participate and answer	Text Book / PPT
Chp - 11 Arrow and the Song	February	*Learner will the recite poem and mark difficult word. *Will discuss the Vocabulary and Idioms.	*Learner will add few more lines to the poem. *Learner's will participate and answer the question.	TextBook / PPT

Subject:Maths

Grade : 3

Chapters	Month	Learning Outcomes	Activities	Resources
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1. Number System upto 5 Digits	JUNE	Learners recognize the value of a digit based on its location within a number. Learners write numbers upto 100,000 and identify the number names. Learner compare two numbers using greater than, less than, or equal to.	Practice Worksheet Writing the missing numbers	https://drive.google.com/open?id=1DoBf5K17QictVnqxHMpgqjRDFSQJHLz&authuser=0 https://drive.google.com/open?id=1KsN0h-KWmIxlwlluFbC8uvCn2OD9fuv4Z&authuser=0 Text Book PPT
2. Addition and Subtraction	JUNE	learner understand the concept of 'Adding To' and what 'putting together' means. Learners add large numbers with the help of carry over method. Learners understand the concept of 'Subtracting from'. Learner subtract numbers with the help of borrowing method. Learner correctly set up the mathematical operation for word problems.	Practice Worksheet https://drive.google.com/open?id=1Tc8p2dvRDJWaVzcvBXQQBgrZwKHwkr47TZATMLdg4k8&authuser=0	Text Book PPT https://www.loom.com/share/0e52424c8cf74ee2838ca34080c2b13d https://www.loom.com/share/b35b0832e6784b2781cbadc9c0165639
3. Multiplication	JULY	Learner will be able to multiply three digit number with one digit. Learner will understand the zero property.	Assign short (no more than 10 question) multiplication with carry worksheet for homework.	https://www.loom.com/share/58e6ea0977aa46f68397318c8626935a
4. Division	AUGUST	Learner will determine division is dividing into equal groups. Learner will understand the concept that division is repeated subtraction. Learner will be able to divide using multiplication table.	Practice Worksheet	https://www.loom.com/share/41c2ef37ccd445558e77eba9147564ab
5. Mixed word problems on Addition, Subtraction, Multiplication and Division	AUGUST	Learner orrectly set up the mathematical operation for word problems.	Practice Worksheet	8e6ea0977aa46f68397318c8626935a https://www.loom.com/share/41c2ef37ccd445558e77eba9147564ab https://www.loom.com/share/09ef4f8062644e7e8f550843a3eb94d3
6. Roman Numbes 1 to 800	SEPTEMBER	Learner gets to know the history of counting numbers. Learner understand the method of counting using roman numbers Learner understand the disadvantages of using roman number and compare it with hindu arabic number system. Learner is able to convert numeral upto 800 into roman numbers and vice versa.	Practice Worksheet Google form	Text Book PPT Zoom session

Revision	OCTOBER	Learner will recaptulate the learned lessons. Learner will be able to reflect on what they have learned.	Practice Worksheet google form	Text Book PPT Zoom session
7. Prime and Composite Numbers	NOVEMBER	Learners will be able to identify instances of even and odd numbers in everyday life. Learners will determine whether a group of objects has even or odd number of members.	Practice Worksheet	Text Book PPT Zoom session
8. Multiples and Factors	NOVEMBER		Practice Worksheet	Text Book PPT Zoom session
9. Fractions	DECEMBER	Learner will be able to define numerator, denominator. Learners will be able to identify the number of shade parts and number of equal parts in shapes.	Pizza Pie activity	Text Book PPT Zoom session
10. Time and Calendar	JANUARY	Learner will identify the placement of numerals and hands on an analog clock. Learner will understand the meaning of half past, quarter past etc. Learner will be able to list and describe different types of calendars.	Make a clock.(Analog and Digital)	Text Book PPT, calendar, clock (digital and analog) Zoom session
11. Money	JANUARY	Learner will be able to identify coin/money values Learner will be able to count money using skip counting.	currency of different countries. Collect coins and notes of different	Text Book PPT , coins and notes of different denomination Zoom session
12. Area and Perimeter using Square Unit	FEBRUARY	Learner is able to differentiate between perimeter and are. Learner is able to find the area and perimeter of the given figure using square unit.	Measure different object using square blocks	Text Book PPT Zoom session
13. Basic Geometry	FEBRUARY	Learner identifies different form of shapes. Learner is able to differentiate between regular and irregular shape.	Identify and list out items of regular and irregular shape around you.	Text Book PPT, objects of different shapes Zoom session
14. Measurement	MARCH	Learners will identify the different unit of measurement of length. Learner will be able to measure the length of different objects. Learners will identify the different unit and tools for measurement of weight and volume. Learner will be able to perform addition and subtraction of volume.	List out the items measured in metre, litre and gram respectively.Measure 5 different objects at your home.	Text Book PPT, weight machine Zoom session

15. Graphs and Data Handling	MARCH	Learner will be able to collect, organize, display and analyse the data. Learner will be able to represent data with bar and picture graph.	Collect and represent data of your family members Favourite Hobby	Text Book PPT Zoom session
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Subject:maths				
Grade :4				
Chapters	Month	Learning Outcomes	Activities	Resources
Number system upto seven digits	june	learners will learn to read and write the large numbers write expanded form and standard form of large numbers write the order of large numbers and comparison of numbers	https://www.loom.com/share/7c54db4e83194aa399e6f46d80debbdf https://www.loom.com/share/38b29b7078424220a684085f2d1dd246	https://www.loom.com/share/621828dd94434f66b5b9f57db08d45d0 https://www.loom.com/share/e792d7d0cdad46a790c31358b8a73801 https://www.loom.com/share/d9062658bd1a4f69bcdd89e677dab906
Roman numerals	july	learners will be able to read and identify Roman Numerals Learners will learn the rules followed by romans for calculations Identify the difference between hindu arabic and Roman numerals learners will be able to write till 1000 numbers	https://www.loom.com/share/12c998319e454a0bb3b9fb1054a2d2c2	https://www.loom.com/share/ba44caf5e3554b3a8dec818170daa79 https://www.loom.com/share/621828dd94434f66b5b9f57db08d45d0 https://www.loom.com/share/9d6afb99114d4cb3b2569f7a4c2cd2fb
Addition and subtraction	August	learners will be able to find the sum and difference of large numbers and word problems	https://www.loom.com/share/fff9b08bbba4495f8e1f582cab65a791	https://www.loom.com/share/d784bea799cb4f7aaa256a55027f7bba https://www.loom.com/share/763ab67d48fe42cd88527d0bcee85a29
multiplication and division	august	Students will be able to multiply a whole number of up to four digits by a one-digit whole number, and multiply two two-digit numbers, using strategies based on place value and the properties of operations.	worksheets	models
odd, even, prime , composite, factors and multiples	september	Students will be able to find factor pairs for whole numbers and determine if they're prime or composite numbers. understand the difference between factors and multiples. learn how to find factors and multiples of a number	write 1 to 100 numbers in atables and color factors in yellow and multiples in red of a number	PPT

Fractions	october	Identify and explore common unit fractions. Identify equivalent fraction reduce in lowest form convert improper fraction into mixed fraction and viceversa Add and subtract like fractions	paper plates activity and fraction board activity	vedios
Decimals	November	Identify place values of digits. Round off decimals to nearest tenth , hundredth place Identify equivalent fractions and decimals	four in one decimal game	vedios
Metric measures	december	Learners will learn measure of lengths, capacity and weights and their units and values Conversion of big units to small units Addition and subtraction of metric measures	activities with beaker and water, weighing machine, and a scale	vedios
Time	december	Identification of time Conversion of 12 hours to 24 hours and viceversa Addition and subtraction of time	clock	clock and chart

Subject: Hindi

Grade : 4

Chapters	Month	Learning Outcomes	Activities	Resources
1. मन के भोले भाले बादल	June	# शिक्षिका छात्रों में अभिव्यक्ति की योग्यता का विकास करने का प्रयास करेगी। # शिक्षिका छात्रों में वाचन शक्ति और लेखन कौशल के विकास करने का प्रयास करेगी। # शिक्षिका कविता वाचन करते हुए कविता का भावार्थ समझाएगी। # शिक्षिका छात्रों से बादलों के बारे में प्रश्न पूछकर छात्रों में उत्सुकता जगाएगी।	# छात्र कविता वाचन करेंगे। "# छात्र भावार्थ समझेंगे। # छात्र कविता का सार बताएँगे।" # छात्र प्रश्नों को समझेंगे।	https://www.loom.com/share/53298ba6b42441229a94150608527bf0 https://www.loom.com/share/6e8254ec0c624867a0b9f3d5ab788ee6 https://www.loom.com/share/3dc8bb14b512454997a7b1e7ab9fb3bf https://www.loom.com/share/7dd1d4682a034c8daf1171fd1407ce01

2. जैसा सवाल वैसा जवाब	June	<p># शिक्षिका कहानी पढ़ते हुए छात्रों को कहानी का सार और कहानी से मिली सीख को समझाएगी।</p> <p>## शिक्षिका छात्रों में वाचन शक्ति और लेखन कौशल के विकास करने का प्रयास करेगी।</p> <p># शिक्षिका छात्रों को कठिन शब्दों का अर्थ और उच्चारण बताएँगी।</p> <p># शिक्षिका छात्रों को बीरबल की चतुराई के अन्य क्रिस्सों के बारे में चर्चा करेगी।</p> <p># शिक्षिका छात्रों को कहानी में प्रयोग हुए महावरों से परिचित कराएगी।</p>	<p># छात्र कहानी को पढ़ेंगे।</p> <p># छात्र कहानी का सार और कठिन शब्दों और महावरों के प्रयोग को समझेंगे।</p> <p># छात्र प्रश्नों का उत्तर देने में सक्षम रहेंगे।</p>	<p>https://www.loom.com/share/887df1f200f1404c9811949ce028f2f7</p> <p>https://www.loom.com/share/68cfd30801a24646b40fa97f152bce5c</p> <p>https://www.loom.com/share/7321ae2bb6a14413a84268ad5d058219</p> <p>https://www.loom.com/share/d7ea8e66ea7c4b0683e570813c8af1c2</p>
3. किरमिच की गेंद	July	<p># शिक्षिका कहानी पढ़ते हुए छात्रों को कहानी का सार और कहानी से मिली सीख को समझाएगी।</p> <p># शिक्षिका छात्रों में वाचन शक्ति और लेखन कौशल के विकास करने का प्रयास करेगी।</p> <p># शिक्षिका छात्रों को कठिन शब्दों का अर्थ और उच्चारण बताएँगी।</p> <p># शिक्षिका छात्रों को अलग अलग खेलों में प्रयोग होने वाली गेंदों के बारे में बताएँगी।</p> <p># शिक्षिका छात्रों को कहानी में प्रयोग हुए महावरों से परिचित कराएगी।</p>	<p># छात्र कहानी को पढ़ेंगे।</p> <p># छात्र कहानी का सार और कठिन शब्दों और महावरों के प्रयोग को समझेंगे।</p> <p># छात्र प्रश्नों का उत्तर देने में सक्षम रहेंगे।</p>	<p>https://www.loom.com/share/46f2ef91ae664a9599f9819c2387e9c0</p> <p>https://www.loom.com/share/ebd0eafb58c945c6b3cdf417c6d60f60</p> <p>https://www.loom.com/share/70e9a883547d4bd2a8bb68892ee1bc70</p> <p>https://www.loom.com/share/f47681ceab8e4d11899f6caa21588a06</p> <p>https://www.loom.com/share/daede10d2c4349749aff2762647bb714</p> <p>https://www.loom.com/share/0ff11111111111111111111111111111</p>
4. संज्ञा	July	<p># संज्ञा की परिभाषा और उसके भेदों से परिचित करवाना।</p> <p># शब्द भंडार में वृद्धि करना, स्मरण शक्ति का विकास।</p>	<p>छात्र संज्ञा के भेदों को समझने में सक्षम रहे।</p> <p># संज्ञा के भेदों के अनुसार संज्ञा शब्द चुनने में सक्षम रहे।</p> <p># छात्र प्रश्नों को समझेंगे।</p>	<p>https://www.loom.com/share/1e7b6f38a0dbecd4ab483f23adf7476c654</p> <p>https://www.loom.com/share/1d5af4235727447f9da4f93831811238</p>
5. विशेषण	August	<p># शिक्षिका विशेषण की परिभाषा समझाते हुए उसका सही प्रकार से वाक्य में प्रयोग करना सिखाएगी।</p>	<p># छात्र विशेषण शब्द वाक्यों से छाँटकर बताने में सक्षम रहे।</p> <p># छात्र विशेषण शब्द वाक्यों से छाँटकर बताने में सक्षम रहे।</p>	<p>https://www.loom.com/share/d1a16775ad3f42aa8867aa560cac644</p>
6. पापा जब बच्चे थे	August	<p># शिक्षिका कहानी पढ़ते हुए छात्रों को कहानी का सार और कहानी से मिली सीख को समझाएगी।</p> <p># शिक्षिका छात्रों में वाचन शक्ति और लेखन कौशल के विकास करने का प्रयास करेगी।</p> <p># शिक्षिका छात्रों को कठिन शब्दों का अर्थ और उच्चारण बताएँगी।</p> <p># शिक्षिका छात्रों को कहानी में प्रयोग हुए महावरों से परिचित कराएगी।</p>	<p># छात्र कविता वाचन करेंगे।</p> <p>"# छात्र भावार्थ समझेंगे।</p> <p># छात्र कविता का सार बताएँगे।"</p> <p># छात्र प्रश्नों को समझेंगे।</p>	<p>via Online Class, पाठ्यपुस्तक</p>

7. दोस्त की पौशाक	September	<p># शिक्षिका कहानी पढ़ते हुए छात्रों को कहानी का सार और कहानी से मिली सीख को समझाएगी।</p> <p># शिक्षिका छात्रों में वाचन शक्ति और लेखन कौशल के विकास करने का प्रयास करेगी।</p> <p># शिक्षिका छात्रों को कठिन शब्दों का अर्थ और उच्चारण बताएँगी।</p> <p># शिक्षिका छात्रों को चतुराई के अन्य क्रिस्सों के बारे में चर्चा करेगी।</p> <p># शिक्षिका छात्रों को कहानी में प्रयोग हुए महावरों से परिचित कराएगी।</p>	<p># छात्र कहानी को पढ़ेंगे।</p> <p># छात्र कहानी का सार और कठिन शब्दों और महावरों के प्रयोग को समझेंगे।</p> <p># छात्र प्रश्नों का उत्तर देने में सक्षम रहेंगे।</p>	via Online Class, पाठ्यपुस्तक
8 नाव बनाओ नाव बनाओ	September	<p># शिक्षिका छात्रों में अभिव्यक्ति की योग्यता का विकास करने का प्रयास करेगी।</p> <p># शिक्षिका छात्रों में वाचन शक्ति और लेखन कौशल के विकास करने का प्रयास करेगी।</p> <p># शिक्षिका कविता वाचन करते हुए कविता का भावार्थ समझाएगी।</p> <p># शिक्षिका छात्रों से कोयल के बारे में प्रश्न पूछकर छात्रों में उत्सुकता जगाएगी।</p>	<p># छात्र कविता वाचन करेंगे।</p> <p>"# छात्र भावार्थ समझेंगे।</p> <p># छात्र कविता का सार बताएँगे।"</p> <p># छात्र प्रश्नों को समझेंगे।</p>	via Online Class, पाठ्यपुस्तक
9 दान का हिसाब	October	<p># शिक्षिका कहानी पढ़ते हुए छात्रों को कहानी का सार और कहानी से मिली सीख को समझाएगी।</p> <p># शिक्षिका छात्रों में वाचन शक्ति और लेखन कौशल के विकास करने का प्रयास करेगी।</p> <p># शिक्षिका छात्रों को कठिन शब्दों का अर्थ और उच्चारण बताएँगी।</p> <p># शिक्षिका छात्रों को चतुराई के अन्य क्रिस्सों के बारे में चर्चा करेगी।</p> <p># शिक्षिका छात्रों को कहानी में प्रयोग हुए महावरों से परिचित कराएगी।</p>	<p># छात्र कहानी को पढ़ेंगे।</p> <p># छात्र कहानी का सार और कठिन शब्दों और महावरों के प्रयोग को समझेंगे।</p> <p># छात्र प्रश्नों का उत्तर देने में सक्षम रहेंगे।</p>	via Online Class, पाठ्यपुस्तक
10 कौन	November	<p># शिक्षिका छात्रों में अभिव्यक्ति की योग्यता का विकास करने का प्रयास करेगी।</p> <p># शिक्षिका छात्रों में वाचन शक्ति और लेखन कौशल के विकास करने का प्रयास करेगी।</p> <p># शिक्षिका कविता वाचन करते हुए कविता का भावार्थ समझाएगी।</p> <p># शिक्षिका छात्रों से कोयल के बारे में प्रश्न पूछकर छात्रों में उत्सुकता जगाएगी।</p>	<p># छात्र कविता वाचन करेंगे।</p> <p>"# छात्र भावार्थ समझेंगे।</p> <p># छात्र कविता का सार बताएँगे।"</p> <p># छात्र प्रश्नों को समझेंगे।</p>	via Online Class, पाठ्यपुस्तक

11 स्वतंत्रता की और	November	<p># शिक्षिका कहानी पढ़ते हुए छात्रों को कहानी का सार और कहानी से मिली सीख को समझाएगी।</p> <p># शिक्षिका छात्रों में वाचन शक्ति और लेखन कौशल के विकास करने का प्रयास करेगी।</p> <p># शिक्षिका छात्रों को कठिन शब्दों का अर्थ और उच्चारण बताएँगी।</p> <p># शिक्षिका छात्रों को चतुराई के अन्य क्रिस्सों के बारे में चर्चा करेगी।</p> <p># शिक्षिका छात्रों को कहानी में प्रयोग हुए महावरों से परिचित कराएगी।</p>	<p># छात्र कहानी को पढ़ेंगे।</p> <p># छात्र कहानी का सार और कठिन शब्दों और महावरों के प्रयोग को समझेंगे।</p> <p># छात्र प्रश्नों का उत्तर देने में सक्षम रहेंगे।</p>	via Online Class, पाठ्यपुस्तक
12 थप्प रोटी थप्प दाल	December	<p># शिक्षिका कहानी पढ़ते हुए छात्रों को कहानी का सार और कहानी से मिली सीख को समझाएगी।</p> <p># शिक्षिका छात्रों में वाचन शक्ति और लेखन कौशल के विकास करने का प्रयास करेगी।</p> <p># शिक्षिका छात्रों को कठिन शब्दों का अर्थ और उच्चारण बताएँगी।</p> <p># शिक्षिका छात्रों को चतुराई के अन्य क्रिस्सों के बारे में चर्चा करेगी।</p> <p># शिक्षिका छात्रों को कहानी में प्रयोग हुए महावरों से परिचित कराएगी।</p>	<p># छात्र कहानी को पढ़ेंगे।</p> <p># छात्र कहानी का सार और कठिन शब्दों और महावरों के प्रयोग को समझेंगे।</p> <p># छात्र प्रश्नों का उत्तर देने में सक्षम रहेंगे।</p>	via Online Class, पाठ्यपुस्तक

Subject: English				
Grade : 4				
Chapters	Month	Learning Outcomes	Activities	Resources
Chp - 2 The Oak Chp - 3 The Mice and The Elephant Picture composition	June	To make learners understand the various stages of an Oak tree. To understand the effect of season on an Oak tree. . Will ask the learner to quickly read the chapter and mark their difficult words. . Learner will see the picture carefully and will compose his thoughts.	*learner will Explain about the oak tree and the different colours of leaves.. * Will ask the learner to read and practice the difficult words 3times and write the question and answer. * Based on the points the learner will write	https://www.loom.com/share/c21a141129f440a8b5f8096df7455a4a https://www.loom.com/share/834a914d43a443adbeb7d79497e01796 https://www.loom.com/share/4f85b62f7c22431ab4659b0ced8cd019
Chp-4 Footfalls Chp -5 A Thousand Gold Coins Picture composition	July	. Learner will recite poem and mark difficult word. Will ask the learner to quickly read the chapter and mark their difficult words. Learner will see the picture carefully and will compose his thoughts.	* Will ask the learner to summarize the poem with examples. * Will ask the learner to read and practice the difficult words 3times and write the question and answer. * Based on the points	https://www.loom.com/share/b7b911d9d4714b8cb514e9a5ed97c27b https://www.loom.com/share/0324f78773c74a318a7adec307d8cea Text book

Type Of Sentences Picture Composition Chp - 6 The Swing	August	*Will make Learner to understand How many type of sentences are there? *Learner will see the picture carefully and will compose their thoughts. * Learner will recite poem and mark difficult word.	*Learner will identify use of different types of sentences from worksheet. *Based on the points the learner will write atleast 4-5 lines. * Will ask the learner to summarize the poem with examples.	https://www.loom.com/share/a6a5c3335a0f455fa751944c2142abe3 P.C Text Book
Chp-7 The Elves and The shoemaker/ Vocabulary /Idioms	September	Will ask the learner to quickly read the chapter and mark their difficult words. Will discuss the vocabulary.	* Will ask the learner to read and practice the difficult words 3times and write the question and answer.	PPT / Google Doc Worksheet Text Book
Verbs Adjectives	October	Learner to understand and give example of Verbs. Learner to understand what is adjective ?	Learner to identify the verbs and the adjective in the sentences.	PPT / Google Doc Worksheet / Video: https://www.youtube.com/watch?v=T2Rhthoduqs https://www.youtube.com/watch?v=laQUXyfVM9Y&t=3s
Ch8- Friends_ Vocabulary, Idioms Adverb	November	. Learner will recite poem and mark difficult word. Will explain the learner what is Adverb and How to identify. Will discuss the Vocabulary and Idioms.	* Will ask the learner to read and practice the difficult words 3times and write the question and answer. * Learner will add few more lines to the poem. * Learner will give some more example of	Text Book /PPT Video: https://www.youtube.com/watch?v=yFPS8yTS_Gw
Chp- 9 Kalya's Holiday surprise Vocabulary/Idioms Chp -10 It's Hot	December	Will ask the learner to quickly read the chapter and mark their difficult words. Will discuss the vocabulary. . Learner will recite poem and mark difficult word.	read and practice the difficult words 3times and write the question and answer. Learner will add few more lines to the poem	Text Book / PPT
Chp - 11 Animal Farm by George well Chp -12 Let's Plant a Tree	January	Will ask the learner to quickly read the chapter and mark their difficult words. Will discuss the vocabulary. . Learner will recite poem and mark difficult word.	* Will ask the learner to read and practice the difficult words 3times and write the question and answer. Learner will add few more lines to the poem	Text Book / PPT
Chp - 11 The Adventure of Toto Vocabulary/Idioms Picture Composition	February	Will ask the learner to quickly read the chapter and mark their difficult words. Will discuss the vocabulary. . Learner will recite poem and mark difficult word. Learner will see the picture carefully and will compose his thoughts.	Learner will add few more lines to the poem.Learner will participate and answer the question. Based on the points the learner will write atleast 4-5 lines.	TextBook / PPT

Subject: Environmental Studies				
Grade :4				
Chapters	Month	Learning Outcomes	Activities	Resources
1. Digestive System	JUNE	Learner will be able to understand the process of the Digestive System and its importance. Learner will be able to understand Digestive Tract and recognise organs of Digestive tract.	Draw the diagram of Digestive System	https://www.loom.com/share/3086462c16594d239c66c4002e07b8ae https://www.loom.com/share/5397786a02cd451cb1540ad7aed88831 https://www.loom.com/share/5c9e5bb239ed4cc4801aa1196044110f https://www.loom.com/share/f1414ed516ac445bb8f8dd25f631
2. Food We Eat	JULY	Learner will understand the importance of nutrition and balanced diet. Learner will try to inculcate the habit of healthy eating and will get aware of the benefits of nutritious food. Learner will understand the structure of Food Pyramid.	Practice worksheet on balanced diet chart.	PPT https://www.loom.com/share/9f5f23674e3148dba769b6d69e6cca79 https://www.loom.com/share/0d14dbbed9494dc5b047dc266229fa27 https://www.loom.com/share/3e9c21bcf2b441ccb70bf5f4dd702f0b https://www.loom.com/share/5
3. Ancient Man Periods	AUGUST	Learner will be able to describe early life of human beings. Learner will be able to understand the historical development through different ages. Learner will be able to cast difference between today's and earlier life. Learner will develop the skill of enquiry, investigation, analysis and presentation.	Collect facts related to Different periods of Ancient times.	https://www.loom.com/share/58e6ea0977aa46f68397318c8626935a https://www.loom.com/share/41c2ef37ccd445558e77eba9147564ab https://www.loom.com/share/09ef4f8062644e7e8f550843a3eb94d3 Text Book
4. Maps-Continents and Oceans	SEPTEMBER	Learner will be able to locate different continents and ocean on the world map.	Map the continents and oceans	Text Book PPT Zoom session
5. Disaster Management	October	Learner will be able to identify and define different types of disaster. Learner will be able to differentiate between Natural and man made disaster. Learner will be able to understand the losses from hazardous activities. Learner will instill the attitude of social responsibility.	Pair Activity: Slogan to stop man made disaster. Speak on the different types of disaster management.	Text Book PPT Zoom session

6. Prime Minister of India	October	<p>Learner gets to know about the parliament and its important houses.</p> <p>Learner gets to know what is required to become a prime minister.</p> <p>Learner gets to know the duties and responsibility of a prime minister.</p> <p>Learner identifies the difference between the prime minister and the president.</p>	List out the Prime ministers of India.	Text Book PPT Zoom session
7. Earth Layers - Rocks and Minerals	November	<p>Learner learns about the composition of Earth.</p> <p>Learner will be able to identify the layers of Earth.</p> <p>Learner will understand the formation of three major types of rocks.</p>	<p>Collect few different rocks from nearby place.</p> <p>Describe the rocks collected in terms of colour, texture etc.</p>	Text Book PPT Zoom session
8. Simple Machine	December	<p>Learner will be able to define a machine.</p> <p>Learner will be able to differentiate between simple and complex machine.</p> <p>Learner will understand the six types of simple machine and can identify things around them related to it.</p>	List out few simple machine and complex machine used in our daily life.	Text Book PPT Zoom session
9. Acids and Bases	January	<p>Learner gets to know that all the liquid found on Earth surface are either acid or base.</p> <p>Learner will be able to define acid and base, Learner will be able to conduct litmus test using litmus paper.</p>	Litmus paper test with different solution. (eg: orange juice, salt solution, water, vinegar, milk etc)	Text Book PPT Acid and base solutions, Litmus paper. Zoom session
10. Atoms and Molecules	January	<p>Learner gets to know that Atom is the fundamental unit of life.</p> <p>Learner understand the structure of atom.</p> <p>Learner can differentiate atom, molecule and element.</p>	Draw the structure of atom	Text Book PPT. Zoom session
11. Physical Features of India	February	<p>Learner gets to know India's relief, major physiographic units and structure.</p> <p>Learner understand the major landforms features and the underlying geological structure.</p>	Project: Model making on physical features of India	Text Book PPT Zoom session
14. Map Asian Countries	February	Learner will be able to locate different Asian countries on the globe.	Map the countries.	Text Book PPT Zoom session

12. Light Shadow and Eclipse	March	Learner will be able to present prerequisite knowledge of light and shadow. Learner understand that sun is the primary source of light. Learner understands the formation of shadow. Learner will be able to differentiate between polychromatic and monochromatic light. Learner understand the occurrence of solar and lunar eclipse	Draw Solar eclipse and Lunar eclipse.	Text Book PPT and videos Zoom session
13. United Nation	March	Learner gets to know the history behind the formation of UN. Learner understands the aim and objectives of UN. Learner understand the role of different organs and agencies of UN. Learner gets to know the contribution of India in UN.	Fact finding: Role of WHO against COVID pandemic.	Text Book PPT Zoom session

Skalvi International School				
Academic Calendar for grade 6				
2021-22				
Subject: Environmental Studies				
Chapters	Month	Learning Outcomes	Activities	Resources
Skeletal system	June	Learners understood different bones and cartilages in the body, different joints and how each animals use different joints to move.	joints in the skeleton, rotating different body parts and finding out there way of movements, identifying body parts used in	https://www.youtube.com/watch?v=ywDOiNEdJVc
Materials around us	July	Learner's understood why sorting is important and also knowing the property of materials help them in usage, Learners understood the properties of materials like hard, soft, lustre, soluble and insoluble which is important to know in daily life.	cannot store water in cloth bag. So looking at the property of materials, they are put to use. 2. Ask them to recall the materials like aluminium, copper and wood and asked which material will shine when its cut. 3. students to collect few materials like iron nail, coins, keys, pebbles,	Demo on solubility and insolubility using water, sugar, salt, and sand

Ancient indian civilization	July	1. Learner's understood the ancient civilizations, Harappan civilization, urban infrastructure and architecture, and there innovation. 2. They also understood about vedas.	Collecting the pictures of different civilizations, doing the given exercise in text, reading the text, and discussion.	https://www.youtube.com/watch?v=KdY4KJuvC0
Resources	August	Learners understood the natural and man made resources, exhaustible and inexhaustible resources, biotic and abiotic resources. Learners got to know the story of coal, its products, and uses. story of petroleum, its refining and there uses.	Listing out various materials and classified then sorting out as natural and manmade, renewable and non renewable resources, explain how petroleum and natural gases are formed.	https://www.youtube.com/watch?v=QEa36qNo86E_coal https://www.youtube.com/watch?v=pWW6bSSaPZk_petroleum
Imaginary lines across the globe	August	Learners understood different zones of the Earth, and how climate varies in different regions, major lines of latitudes	lines on the globe and lines of latitudes, discussion and interactive session, video shown.	https://www.youtube.com/watch?v=ChBhKPhB4VE&t=152s
Blood	September	Learners understood different components of blood, blood cells, blood types and transfusion, and information on sickle cell disease and anaemia.	Labelling blood cells, differentiating blood types based on antigens and antibodies present, text book exercise.	https://www.youtube.com/watch?v=VSVYgivfs9c
Maps	October	Learners are able to mark different states of Indian map, world map and seas and oceans on map.	Marking the states, oceans, continents on the outline maps.	https://www.youtube.com/watch?v=zr4a0hgCEbY
States of matter	November	Learners understood states of matter, how particles are arranged, how they move, how states of matter changes, what is solution, solute and solvent, Physical and chemical changes.	matter using water at different temperature, demo on solubility using water, salt and sugar, tearing paper and burning paper to show physical and	https://www.youtube.com/watch?v=jmm1J2yI9tk
Parliament of India	December	Learners understood that parliament is bicameral - Raajya sabha and loka sabha, eligibility criteria's for members, number of members present in parliament, what is zero hour and question hour	between Loka saba and Rajya sabha, reading the text, finding out chief ministers of different states, and also capitals of states of India, finding out number of high courts	https://www.youtube.com/watch?v=7IRZ1Rjv86c
Work, force and energy	January	Learners understood what is work, force and its types, frictions, advantagea and disadvantages, energy and its types, properties.	object to show friction, pulling the rope on either side to show tension force, using magnet to attract iron,	https://www.youtube.com/watch?v=WSY4HzWZllo

Light and shadow	January	Learners understood difference between natural and artificial light sources, properties of light, conditions for formation of shadow	pipe to show light travels in straight line, using mirror to show reflection of light, straw is kept in water	https://www.youtube.com/watch?v=fy7e0Mef3e8
Fundamental rights	February	Learners understood the fundamental rights like right to education, right to speak and right to equality and so on.	Fundamental activity tree making, groups of children speaking on different rights.	https://www.youtube.com/watch?v=nMLbhJ6qQWo
World war I and II	February	Learners will understand why world war happened, causes, which nations declared war, what social changes happened, turning points of war and how war ended.	Video will be shown, explanation and discussion, text exercise will be done	https://www.youtube.com/watch?v=24i4ncHuf6A

Subject: Hindi				
Grade : 5				
Chapters	Month	Learning Outcomes	Activities	Resources
राख की रस्सी	जून	छात्र जानेंगे कि जलने के बाद चीजों के आकार किस प्रकार होते हैं और यह भी जानेंगे कि अपनी बुद्धि से कठिन से कठिन काम को भी आसानी से किया जा सकता है	राख की रस्सी का चित्र बनाओ।	राख की रस्सी का चित्र https://www.youtube.com/watch?v=m1Cfxz7H2sY
फसलों के त्योहार	जुलाई	बच्चे विभिन्न प्रकार के त्योहारों की जानकारी प्राप्त करेंगे	अपने मनपसंद त्योहारों के बारे में बताओ।	त्योहारों के चित्र https://www.youtube.com/watch?v=JISzmgF2hWo
खिलौने वाला	अगस्त	अपने आसपास घटने वाली विभिन्न घटनाओं की बारीकियों पर ध्यान देते हुए मौखिक रूप से अपनी प्रतिक्रिया व्यक्त करेंगे	कविता को कक्षा में सुनाओ	https://www.youtube.com/watch?v=ikIZq9o7xBU
नन्हा फनकार जहाँ चाह वहाँ राह	सितंबर	मेहनत से काम करना और दूसरों की मदद का भाव जानेंगे।	कविता को कक्षा में सुनाओ इला सचानी के बारे में	इला सचानी का जीवन परिचय
डाकिए की कहानी कंवर सिंह की जुबानी	अक्टूबर	कंवर सिंह की मेहनत और लगन के बारे में जानेंगे और डाकघर की जानकारी प्राप्त करेंगे	डाकघर की जानकारी प्राप्त करो	कंवर सिंह का जीवन परिचय
एक मां की बेबसी गुरु और चेला	नवंबर	मां का प्यार और बेबसी में अंतर जानेंगे सोहनलाल द्विवेदी की जीवनी और कविता का सारांश पढ़ेंगे	पानी की महत्वता पर पांच वाक्य लिखो	पाठ्य-पुस्तक
स्वामी की दादी बाघ आया उस रात	दिसंबर	विभिन्न प्रकार के बाघ की जानकारी प्राप्त करेंगे पक्षी और जानवरों के प्रति प्रेम का भाव रखना और उनकी मदद करना	कविता को कक्षा में सुनाओ	पंचतंत्र की कहानियाँ
बिशन की दिलेरी पानी रे पानी	जनवरी	अनुपम मिश्र की जीवनी और पानी का महत्व	पानी की महत्वता पर पांच वाक्य लिखो	https://www.youtube.com/watch?v=xSWlrHJ7-BI&t=140s
छोटी सी हमारी नदी	फरवरी	विभिन्न प्रकार की नदियों के नाम और उनकी विशेषता	कविता को कक्षा में सुनाओ	https://www.youtube.com/watch?v=pgiHtySVPXY
Revision	मार्च			

Subject: English				
Grade : 5				
Chapters	Month	Learning Outcomes	Activities	Resources

Poem Under the Greenwood Tree	June	To make learners understand what poet think of Greenwood tree	Recitation of the poem	https://www.loom.com/share/d76eedb40eb34bc1987fb40f1e2102dc https://www.loom.com/share/b
The Selfish Giant, poem- Needles and Pins	July	To make the learners understand story line of the story The Selfish Giant. To make the learners understand imagination of the poet.	Reading the lesson . Recitation of the poem	https://www.loom.com/share/d31c35c87b5640c8b7afa55e3a6ad59b https://www.loom.com/share/d337bb590ba24f4085bf6710bd99010d https://www.loom.com/share/873899aba3d14f0ea1ede5dbec2
Maggie Cuts her hair, Picture composition.	August	To make the learners understand story line of the story Maggie Cut her Hair.	Reading the lesson , writing own picture composition looking at	PPT
Robin Hood- The prince of thieves	September	To make the learners understand story line of the lesson Robin Hood	Reading the lesson.	PPT
Picture composition, Poem - Sing the song of the people	October	To make learners understand about the poem sing the song of the people. To understand what the poet is saying about city people.	Recitation of the poem. Creative writing seeing the picture	textbook
Frani and the little Red Fox, Poem- Rowing song . Picture Composition	November	To make the learners understand story line of lesson Frani and the little Red Fox, To make the learners understand what the poet is describing in Rowing song.	Group discussion on the lesson. Finding rhyming words	textbook
The Tiger in the Town, Picture composition	December	To make the learners understand story line of lesson The tiger in the town. What was the effect on people and how the tiger was saved	Group discussion on the situation if they see a tiger.	textbook
From A Railway Carriage, Grammar Parts of speech adverb, adjective and preposition	January	To make the learners understand the poet's imagination on railway carriage. Parts of speech and tenses	Identification of parts of speech	Textbook, PPT
If I Were You (Play) by Douglas James- Grammar - tenses	February	To make the learners understand the play of lesson.	Role playing .	textbook

Subject: Maths

Grade : 5

Chapters	Month	Learning Outcomes	Activities	Resources
1. Number System upto Nine digits	JUNE	Learners understand more about Indian and international number system, successor predecessor, ascending and descending order, order relation etc.	Solving work sheets, text book.	79495478c384bce93d9b058bdd57082 https://www.loom.com/share/808f435c9acf4f6f93170955f5f31f7c
2. Addition, Subtraction, Multiplication and	JUNE	Learners get more idea about the four basic operations on large numbers.	Solving work sheets, text book.	ppt

3. Fractions	JULY	Learners understand addition, subtraction , multiplication and division of fractions.	subtraction , multiplication and division using fractions. Solving word problems.	text book
4. Four Operations of Decimals	AUGUST	Learners understand more about decimals. Learners will be able to do the four basic operations using decimals.	Doing addition, subtraction , multiplication and division using decimal numbers.	work sheets, text book.
5. Integers	AUGUST	Understanding the properties integers. Learners will be able to add, subtract, multiply and divide integers.	properties of integers. Doing addition, subtraction , multiplication and division using integers.	work sheets, text book.
6. Powers and Exponents, BODMAS	SEPTEMBER	Learners will be able to add and subtract numbers having exponents. Understanding BODMAS in detail.	Adding and subtracting exponents. Solving sums using BODMAS rule.	puzzles, Text book
7. Lines and Angles	OCTOBER	Learners identify different types of angles and their properties.	Practice Worksheet	Videos, models
8. Metric Measures	NOVEMBER	Learners get an idea about the conversion of units of basic quantities.	Practice Worksheet	Text book, videos
9. Area and Perimeter	NOVEMBER	Learner is able to find the area and perimeter of the given figure using formulaes.	Practice Worksheet	Text Book

Skalvi International School				
Academic Calendar				
2021-22				
Subject:English				
Grade : 6				
Chapters	Month	Learning Outcomes	Activities	Resources
CH.1Who did Patrick's Homework Paragraph Writing A house, Home A Tale of Two Birds	June	Learners understand the nature of Parick. Learn to write paragraphs on given topic. Understand the importance of companionship	Reading skills Write Paragraph on given topics . Discuss about influence or impact of environment	Text Book and youtube video - ThreeG School A Tale

CH.2 How the Dog Found Himself a New Master Sentences-Subject and Predicate The Kite The Friendly Mongoose Story Writing	July	Learners analyse the necessity of a master for a dog Learners learn to identify Subject and Predicate Learners understand the importance of trust Learners learn to write stories	Discuss about pets Kite making List out a few folk stories	Text Book and Youtube video -Iken school and Pebbles Kids Stones
CH.3 Taro's Reward. The Quarrel Articles and Types of Sentences The Shepherd's Treasure	August	Learners understand the importance of devotion and dedication towards parents Use different types of sentences using appropriate articles. Learners understand the concept of being humble	Mythological characters are discussed Children quote examples Read stories for pleasure	Text Book and Youtube video- Iken School and Learner Bee
CH.5A Different Kind of School Half Yearly	September	Learners understand the importance and emphasise special children	Discuss about special personalities Discuss activities of teachers	Text Book and Youtube video- Iken school
Ch6. Where Do All the Teachers Go The Old Clock Shop	October	Learners understand that the teachers are also human beings and live like others. Learners understand that the message of Christmas -sharing and caring	Group Discussion regarding Christmas	Text Book and Youtube video- Iken school and ThreeG School
CH7. Fair Play Beauty The Wonderful Words Parts Of Speech in general	November	Learners understand the virtue of 'Justice'. Learners understand the virtue of 'Justice'. Learners understand the concept of 'Real Beauty' Learners understand that the importance of communication and the manner of communicating Learners try to identify the parts of speech	Group Discussion on 'what is beautiful' Activity on Communication	Text Book and Recitation of poems and youtube video- Iken school
CH8. The Monkey and the Crocodile Tansen Letter Writing	December	Learners understand the message of folk tales- the wise and wit of the monkey Learners analyse the importance of music through Tansen's story. Learners learn the art of writing a letter	Group discussion regarding virtues and Music. Discussion about different letters	Text Book and Youtube video- Kriti Educational
CH 9 A Game of Chance A Strange Wrestling Match Tenses (in detail)	January	Learners understand that luck doesn't favour, one should believe in hardwork Children learners learn different types of tenses Learners learn that boasting does not work	Group discussion regarding different types of lottery. Group discussion with respect to different matches	Text Book and Youtube video- Iken school

Ch.10. A Pact With the Sun Revision	February	Learners understand the term ' faith' and the miracle happened to her	Group discussion on 'Good Health'	Text Book and Youtube video- ThreeG school
Final Examinations	March			

Sub : Social Science				
Grade : 6				
Chapters	Month	Learning Outcomes	Activities	Resources
What, Where, How and When	June	(a) Familiarise the learner with the major developments to be studied. (b) Develop an understanding of the significance of geographical terms used during the time frame. (c) Illustrate the sources used to reconstruct history.	To identify the countries on the world map (Iran and Greece)	world map
The Earth in the Solar system	June	(a) To understand the unique place of the earth in the solar system (b) To get an insight on the ideal condition for all forms of life, including human beings	To identify the pattern of stars and name the constellations	chart on constellations
From hunting-gathering to growing food	July	a) Appreciate the skills and knowledge of huntergatherers. (b) Identify stone artefacts as archaeological evidence, making deductions from them.	To identify the early man sites in India	video on Bhimbetka caves - [https://www.youtube.com/watch?v=XQ7NUp71nVw]
Understanding Diversity	July	(a) Understand and appreciate various forms of diversity in their everyday environments. (b) Understand how prejudice can lead to discrimination. (c) Understand the difference between diversity and inequality.	Collage work on Indian diversity	video : https://youtu.be/6X3BnWzirF4
Globe- latitudes and longitudes	August	(a) To understand the motions of the earth and its effect (b) To identify the important latitudes and longitudes	Demonstration on slanting rays of the sun using torch , globe	https://www.youtube.com/watch?v=HvCvANs7O7k
Maps	August	(a) To develop basic skills of map reading. (b) Identify the cardinal directions. (c) Differentiates between plan and sketch	Drawing - heat zones and coloring the north, south , east andwest hemisphere	Atlas
In the earliest cities	August	(a) Appreciate the distinctive life in cities. (b) Identify the archaeological evidence of urban centres. (c) Understand how this is used to reconstruct processes such as craft production.	Map work - locating the tributaries of Indus and the civilization.	Map on Indus valley civilization

Diversity and Discrimination	September	(a) understand how prejudice can lead to discrimination (b) understand the difference between diversity and inequality (c) recognise that there are multiple identities within ourselves that we use in different contexts and that these can come into conflict with each other,	Debate on the effects of discrimination	Text book
What books and burials tell us	October	a) Appreciate that different developments were taking place in different parts of the subcontinents simultaneously. (b) Introduce simple strategies of textual analysis. (c) Reinforce the skills of archaeological analysis already developed.	model making on megaliths	Virtual pictures of megaliths around the world
Major domains of the earth	November	(a) To understand interrelationship of the realms of the earth. (b) Analyse the features of the continents and oceans of the world. (c) Comprehend the process of water cycle .	Experiment : Destruction of ozone layer using two empty water bottles, hot water, chewing gum.	World map
What is Government?	November	(a) Understand the major ideas about why the government is necessary and the purpose it serves. (b) Gain a sense of why government is required (c) Recognise the need for universal adult franchise,	Talk on the work of the government	Text book
Our Country-India	December	(a) Understands the length and breadth of India. (b) Identifies the states and its capital. (c) Identifies and names the neighbouring countries of India.	virtual Puzzle on Indian states	Atlas, map of India
Major landforms of the earth	December	(a) Differentiate between three types of plate movements (b) Comprehends the formation of mountains.	model of a volcano	https://www.youtube.com/watch?v=SbWh8CyyLak

New Questions and Ideas	January	(a) Outline the basic tenets of these systems of thought, and the context in which they developed and flourished. (b) Introduce excerpts from sources relating to these traditions.	Paste the pictures of Buddha and Mahavira and write a note on them.	virtual comic story of Buddha and Mahavira
Key elements of a Democratic Government	January	(a) Understand key elements that influence the functioning of democracy	Discussion on recent elections.	Text book
Panchayati Raj	January	(a) explain and discuss the structure of local governments (b) Distinguish between block samiti and zilla parishad (c) Explain the functions of zilla parishad in the development of districts.	model of Panchayath	https://www.youtube.com/watch?v=3NUTmhuxKmc
Motions of the earth	February	(a) Understands the two movements of the earth. (b) Gets an insight on the cause of day and night. (c) Analyses the occurrence of equinoxes and solstices.	experiment on day and night occurrence using a ball and candle.	https://www.youtube.com/watch?v=Lm6RKqFAwlg
Ashoka -The Emperor who gave up war	February	(a) Understand the importance of Ashoka's inscriptions. (b) Identifies important places of Ashoka's inscriptions. (c) Analyses the changes in Ashoka after Kalinga war.	To mark the empire of Ashoka and to locate the important places of edicts and stupas.	https://www.youtube.com/watch?v=d-xJIZb08f0&t=39s
	March	Revision		

Subject: Science				
Grade : 6				
Chapters	Month	Learning Outcomes	Activities	Resources
Ch:1 Food	June	1. Learner's know that food is made of different components called nutrients. 2. Learnt how to make solutions for testing carbohydrates in food. 3. Learnt to test for Starch, proteins and fats.	food items we eat at different times, their ingredients, and sources of the ingredients, different plant parts used, listing animal foods, making sprouts of green gram.	https://www.youtube.com/watch?v=1a4Jy6JOjiY

Ch:10. Motion and Measurement of distances.	June	<ol style="list-style-type: none"> 1. Learners will be able to define motion and different types of motion. 2. Learners will be able to know the history of transportation. 3. Learners will be able to understand the importance measurements. 4. Learners will be able to understand the conventional methods of measurement. 5. Learners will have an idea about the international system of units. 6. Learner will be able to identify examples of different types of motion from their daily life. 	<ol style="list-style-type: none"> 1. Introducing the topic motion through examples and discuss about the history of transportation. 2. Discuss the importance of measurements in group and measures objects around the learners using conventional methods. 3. Gives an idea about standard units of measurements. 4. discuss about different types of motion with the help of examples. 	https://youtu.be/FaLCQo8NJFA https://youtu.be/25IaUQ_oUyM https://youtu.be/NValmBwli1Q
Ch:2 Components of food	July	<ol style="list-style-type: none"> 1. Learner's know that food is made of different components called nutrients. 2. Learnt how to make solutions for testing carbohydrates in food. 3. Learnt to test for Starch, proteins and fats. 	<ol style="list-style-type: none"> required to test the presence of carbohydrates in food. 2. Learned to make dilute iodine solution from tincture 3. To make Copper sulphate solution 4. Solution of Caustic soda 	https://www.youtube.com/watch?v=inEPIZZ_SfA
Ch:3 Fibre to Fabric	July	<ol style="list-style-type: none"> 1. Learner's understood the method of ginning, spinning, weaving 2. They understood how to spin and what device is used to spin. 	<ol style="list-style-type: none"> process of making yarn from fibres by a process of spinning. 2. Will explain that spinning of yarn can be done using device like takli and Charkha. 3. to understand how to weave the clothes by weaving the paper strips. 4. Will explain how 	https://www.youtube.com/watch?v=2LuuFXFDLDY

Ch :13. Fun with magnets	August	<p>1. Learners will be able to know the history of discovery of magnet.</p> <p>2. Learners will become familiar with magnetic and non magnetic materials.</p> <p>3. Learners will be able to identify different types of magnets.</p> <p>4. Learners will identify the properties of magnets.</p> <p>5. Learners will know more about the applications of magnets.</p>	<p>1. introducing the topic using a video about the history of magnets.</p> <p>2. Discuss about magnetic and non magnetic things in groups</p> <p>3. Identifying different types of magnets.</p> <p>4. Discuss the properties of magnets using different activities.</p>	<p>https://youtu.be/hrO-63G_fxE</p> <p>https://nroer.gov.in/55ab34ff81fccb4f1d806025/page/58664f82472d4a82d931870f</p> <p>https://nroer.gov.in/55ab34ff81fccb4f1d806025/page/58664ffa472d4a82d9318775</p>
Ch4: Sorting materials in to groups	August	Learner's understood why sorting is important and also knowing the property of materials help them in usage, Learners understood the properties of materials like hard, soft, lustre, soluble and insoluble which is important to know in daily life.	<p>cannot store water in cloth bag. So looking at the property of materials, they are put to use.</p> <p>2. Ask them to recall the materials like aluminium, copper and wood and asked which material will shine when its cut. 3. students to collect few materials like iron nail, coins, keys, pebbles,</p>	Demo on solubility and insolubility using water, sugar, salt, and sand
Ch5: Separation of substances	August	Learners understood importance of separation, and different methods of separation like hand picking, threshing, winnowing, seiving.	Demo on filtration, decantation, sedimentation, hand picking, winnowing, seiving, threshing done	https://www.youtube.com/watch?v=AxxvAKTZ-g
Ch 6: Changes around us	October	Learners understood that some changes are reversible and some are irreversible. Also understood that change in physical properties leads to physical change.	activities based on physical and chemical changes, Burning a candle, Vinegar and baking soda is mixed to show CO2 gas	Text book and activity
Ch7: Getting to know plants	November	Learners understood different types of plants with examples, Learners understood the that stem plays an important role in supporting, conduction of water, food and minerals to different parts of the plant. Also about the structure of leaf	Showing different plant products, parts of leaves, types of roots, and structure of leaves by collecting different types.	https://www.youtube.com/watch?v=0s_xZqvwm_s
Ch8: Body movements	November	Learners understood different bones and cartilages in the body, different joints and how each animals use different joints to move.	joints in the skeleton, rotating different body parts and finding out there way of movements, identifying body parts used in	https://www.youtube.com/watch?v=ywDOiNEdJvc

Ch9: The living organisms and their surroundings	December	Learners understood what is habitat, different adaptation of plants and animals in different regions, and different characteristics of living organisms.	plants, animals, objects found in different surroundings, germinating the seeds by soaking in water, covering the leaves of	https://www.youtube.com/watch?v=XpvnNrd6lI4
Ch :14. Light Shadows and reflections.	December	1. Learners defines transparent, translucent, opaque and luminous objects. 2. Learners will be able to define shadow. 3. Learners will be able to make a pin hole camera. 4. Learners get more idea about light and its properties. 5. Learners get more idea about mirrors and reflections.	translucent, opaque and luminous objects by discussing in groups. 2. Using group activities learners get more idea about shadows. 3. Activities to show the properties of light. 4. Make a pinhole camera.	https://nroer.gov.in/55ab34ff81fccb4f1d806025/page/58870b13472d4a1fef8108f7 https://nroer.gov.in/55ab34ff81fccb4f1d806025/page/58870f65472d4a1fef810b1d https://youtu.be/u7L_iukwKAY https://youtu.be/tLd0zsCpRak https://youtu.be/DwHlhDrqcuw https://youtu.be/k8zjuWNPz2E
	January	1. Learners will be able to identify different electric components such as electric bulb, cell, switch, battery, wire etc and their uses. 2. Learners understand to make an electric circuit. 3. Learners identify conductors and insulators.	electric components and asks learners to identify them. 2. Making electric circuit in group. 3. Identifies electric conductors and insulators from surroundings.	https://nroer.gov.in/55ab34ff81fccb4f1d806025/page/58870010472d4a1fef81049d https://nroer.gov.in/55ab34ff81fccb4f1d806025/page/5b4d793e16b51c01e4ec660a
Ch14. Water	January	Learners understood different sources of water, uses and importance of water, water cycle, how floods or droughts occur, and how to collect rain water.	water used by a family in a day, keeping water under the sun in different surface containers, observing steam in a streamer, keeping ice in glass bottle and observing	https://www.youtube.com/watch?v=xCRbdoYXWRg https://www.youtube.com/watch?v=ncORPosDrjl&t=9s
Ch15. Air around us	January	Learners understood components of air, presence of dissolved oxygen in water, uses of oxygen, oxygen used for burning.	weather cock, filling empty bottle with water and observing bubbles coming out of bottle, pouring water	https://www.youtube.com/watch?v=z3HI7UoSLUQ
16. Garbage In, Garbage out	February	Learners understood how to segregate and dispose the garbage, make use of organic waste to make compost, process of making vermicompost, importance and advantage of organic compost compared to chemical fertilizers, and recycling of paper.	Making organic compost, and observing the garbage every few days	www.youtube.com/results?search_query=garbage+in+garbage+out+class+6

Subject:maths

Grade :6

Chapters	Month	Learning Outcomes	Activities	Resources
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Knowing our numbers	June	learners will identify the value of each digit in a given number from ones to millions. Develop flexibility in selecting strategies and using mental computations	worksheets	Vedios, textbook
Whole numbers	June	define whole numbers and demonstrate them on number line. solving the whole numbers with 4 properties Understand about th epatterns of whole numbers.	Quiz on properties	ppt,textbook
playing with numbers	july	understanding factors and multiples and show difference between factors and multiples. knowledge on multiplication facts. Divisibility rules Find LCM and HCF	pizza cutting game for LCM and HCF	youtube vedios
Basic geometrical ideas	July	Identify, define and describe the basic geometrical figures like point, line, line segment,ray parallel lines and intersecting lines How angles, triangles and circles are formed Types and terminologies	collect different shapes and identify their sides,vertices	charts
ratio and proportion	August	Concept of ratio and determine the ratio and proportion Concept of means and extremes Properties of proportion and cross multilplication	pens, chocolates	pens, chocolates
mensuration	August	Calculate the perimeter and area of square,rectangle and triangle.	calculate area and perimeter of the child's room	ppt,textbook
understanding elementary shapes	September	Define angle and classify different angles Properties of triangles and quadrilaterals Recognition of triangles by lines and angles Define ploygons their sides	Collect different polygon n 3D shapes and identify their sides,vertices	virtual 3D shapes

Integers	november	Define the set of integers , positive numbers , negative numbers , and signs. Order a set of integers from least to greatest and from greatest to least. Addition and Subtraction of integers.	addition and subtraction on number line	charts
Fraction	december	Define a fraction , lowest terms, greatest common factor. Addition and subtraction of fraction Comparision of fraction	Fraction Frenzy Board Game	wooden fraction material
Decimal	December	Define decimal, mixed number, whole number, fraction, place value, expanded form, decimal digits and equivalent decimals. Comparison of decimals Addition and subtraction of decimals		ppt,textbook
Algebra	January	Recognise technical terms and uses of algebra Simplify expressions term by term Multiply out brackets	combining like terms	Vedios, textbook
Data handling	February	analyse, and extract information from graphs, tally marks and pictograph.		vedios

Subject: Hindi				
Grade : 6				
Chapters	Month	Learning Outcomes	Activities	Resources
वह चिड़िया जो बचपन	जून	चिड़िया का स्वभाव और उनकी विशेषता जानेंगे। कृष्णा सोबती की जीवनी।	नीली पंखों वाली चिड़िया का चित्र बनाकर उनके बारे में पांच वाक्य लिखो।	https://www.youtube.com/watch?v=Bq5VCzIF9Xc
नादान दोस्त	जुलाई	प्रेमचंद की जीवनी चिड़िया की कुछ विशेषता।	कहानी का सारांश अपनी भाषा में सुनाओ।	विभिन्न प्रकार के चिड़ियों के चित्र
चांद से थोड़ी सी गप्पे	अगस्त	शमशेर बहादुर सिंह की जीवनी चंद्र चक्र का चित्र	कावता का याद करके कक्षा में सुनाओ।	चंद्र चक्र का चित्र
अक्षरों का महत्व साथी हाथ बढ़ाना	सितंबर	अक्षरों का महत्व एकता पर निर्भर कविता	जोशिया का जाज का सिलसिला कब और कैसे शुरू हुआ अक्षरों का महत्व बढ़ाओ।	https://www.youtube.com/watch?v=c5b5ctzJL2g

ऐसे - ऐसे	अक्टूबर	प्रेमचंद्र की कहानी	कोई भी अपनी मनपसंद कहानी सुनाओ	पंचतंत्र की कहानियाँ
टिकट अलबम जो देखकर भी नहीं देखते	नवंबर	हेलन केलर की जीवनी	प्रकृति का चित्र बनाकर कक्षा में दिखाओ।	https://www.youtube.com/watch?v=dgPegqBwEuo
मैं सबसे छोटी हूँ	दिसंबर	बचपन की मनोरंजक यादें।	कविता कक्षा में सुनाओ।	https://www.youtube.com/watch?v=wc4zY6WklL8
नौकर	जनवरी	महात्मा गांधी के बारे में जानेंगे	गांधीजी के बारे में पांच वाक्य लिखो	पंचतंत्र की कहानियाँ
वन के मार्ग में	फरवरी	तुलसीदास की जीवनी	कविता पढ़कर कक्षा में सुनाओ।	रामकथा
Revision	मार्च			

Skalvi International School			
Academic Calendar			
2021-22			
Subject: English			
Grade : 7			
Chapters	Month	Learning Outcomes	Activities
Ch.1 Three Questions Paragraph Writing The Tiny Teacher Subject and Predicate,	June	Learners try to understand the concept 'Right action at the Right time' Learn to write paragraphs on given topic. Understand the importance team work	Group Discussion on 'right time and right action' Write Paragraph on given topics . Discuss traits to be learnt from different animals
Ch2 Gopal and the Hilsa Fish The Shed Story Writing	July	Learners analyse the trick played by Gopal Learners try to visualise an unused shed and how people try to scare others for their	Discuss about humourous personlalties Draw a shed Write a few stories Group Discussion regarding pets .
Ch 3 The Ashes that made the trees bloom Chivvy The Cop and the Anthem	August	Learners underrstand the importance of devotion and dedication towards pets and their love towards us even after death. Learners analyse why do elders always nag? Learners analyse the importance of basic	Mythological characters related to miracles are discussed . Learners share their experiences.
Ch.4 Quality/Trees Half Yearly Examinations	September	Learners understand the importance of hand made products and the difficulties in marketing them.	Discuss about swadeshi goods and their economy to the country.
Ch.5 A Gift of Chappals The Rebel	October	Learners understand a little about the Pallavas, the love for the needy and enjoy humourous incidents	Group Discussion regarding mischievous children

I I	Ch6. Expert Detectives Mystery of the Talking Fan Golu grows a long nose Tenses	November	Learners understand the profile of a detective Learners understand the necessity of oiling the fans in a poetic manner Learners understand how the elephants got a long trunk'	Group Discussion on the job profile of a detective. Activity on animals that look different Group Activity on tenses
	Ch7. A Bicycle in Good Repair Chandni Letter	December	Learners understand the love for a human with his objects especially a vehicle Learners analyse the	Group discussion regarding love for objects.. Discussion about the traits which humans love to have.
	Ch. 8 Meadow surprises The Bear	January	Learners understand the surprises of a meadow in a poetic language	Group discussion regarding surprises. Group discussion of stories related to animals and humans
	Ch 9 An Alien Hand	February	Learners understand the term 'alien'	Learners discuss about aliens
		March	examinations	

Subject: Social				
Grade : 7				
Chapters	Month	Learning Outcomes	Activities	Resources
Tracing changes through a thousand years	June	a) Familiarise the student with the changing names of the land. b) Give examples of the kinds of sources that historians use for studying this period. E.g., buildings, chronicles, paintings, coins, inscriptions, documents, music, literature.	Draw a timeline chart from your birth up to date.	virtual paintings, inscriptions. Coin
Environment	June	a) To understand the environment in its totality including various components both natural and human. b) To appreciate and develop sensitivity towards environments.	Draw a picture of your ideal environment.	virtual pictures of natural and human environment
On Equality	July	a) Develop an understanding of the rule of Law and our involvement with the law. b) Understand the Constitution as the primary source of all laws. c) understand the importance of the idea of equality and dignity in democracy,	Discussion on the picture given in text on pg 15.	https://www.uscourts.gov/news/2015/12/01/60th-anniversary-video-recalls-how-rosa-parks-arrest-sparked-historic-ruling

New Kings and Kingdoms	July	<p>a) Trace the patterns of political developments and military conquests – Gurjara Pratihara, Rashtrakuta, Palas, Chahamanas, Ghaznavids.</p> <p>(b) Develop an understanding of the connection between political and economic process.</p>	Visit a nearby temple in your neighbourhood and note the similarities and differences you notice from the temple shown in the chapter.	https://www.youtube.com/watch?v=XzJdWeiDe8
Inside our earth	August	<p>a) To explain the components of natural environment.</p> <p>b) To appreciate the interdependence of these components and their importance in our life.</p>	Draw a neat diagram of the rock cycle and explain its stages.	https://www.youtube.com/watch?v=uLpXju5QsKU
The Delhi Sultans	August	<p>a) Outline the development of political institutions, and relationships amongst rulers.</p> <p>(b) Understand strategies of military control and resource mobilisation.</p> <p>(c) Illustrate how travellers' accounts, court chronicles and historic buildings are used to write history.</p>	Prepare a ppt on the monuments built by Delhi Sultanates.	https://www.youtube.com/watch?v=dp8NiOIYTek
Role of Government in Health	September	<p>a) To understand the meaning of 'Health'.</p> <p>b) To analyse the present status with regard to health care in India.</p> <p>c) To differentiate between city hospitals and rural hospitals.</p>	Talk on - "If you were the State Health minister, How would you bring a change in the present state of health affairs. "	https://www.youtube.com/watch?v=y0rySZQ9rj4
Our Changing Earth	September	<p>a) To understand that various forces are acting within and outside the earth's surface.</p> <p>b) To comprehend the occurrence of natural disasters like volcanoes and earthquakes .</p> <p>c) Identify different types of rock formation due to erosion.</p>	Prepare a model of a volcano and explain its process.	https://www.youtube.com/watch?v=OBp2EWPjotk
Mughal Empire	October	<p>a) Trace the political history of the 16th and 17th centuries.</p> <p>b) Understand the impact of an imperial administration at the local and regional levels.</p> <p>c) Illustrate how the Akbarnama and the Ain-i-Akbari are used to reconstruct history</p>	collect pictures of Mughal rulers . Enact a short story on Akbar and Birbal.	https://www.youtube.com/watch?v=4WCCq9k7LP4
Air	November	a) To understand about atmosphere and its elements;	Discussion on "How weather forecast helps us" . Project on layers of the air and the instruments used to measure	https://www.youtube.com/watch?v=WiHIOT6zXqg

Understanding Media	November	<p>a) Understand the role of the media in facilitating interaction between the government and citizens</p> <p>b) Gain a sense that government is accountable to its citizens</p> <p>c) Understand the link between information and power</p> <p>d) Gain a critical sense of the impact of media on people's lives and choices</p>	Discussion - " Is media a boon or a bane"	Newspaper, books, journals
Water	December	a) To know about distribution of water on the earth.	Prepare placards on Save Water, Save Earth	Atlas
Devotional Paths to Divine	December	<p>a) Indicate the major religious ideas and practices that began during this period.</p> <p>b) Understand how Kabir challenged formal religions</p> <p>c) Illustrate how traditions are preserved in texts and oral traditions which are used to reconstruct history.</p>	<p>a) On the map of India, paste a picture of a Bhakti saint from each state.</p> <p>b) Collect pictures of Bhakti Saints of Karnataka and write few lines on them.</p>	virtual pictures of Bhakti Saints
Markets around us	December	<p>a) Understand markets and their relation to everyday life</p> <p>b) Understand markets and their function to link to the scattered producers and consumers</p>	Project work	
Natural Vegetation and Wildlife	January	<p>a) To find out the nature of diverse flora and fauna.</p> <p>b) To identify and mark the national parks on the map of India.</p>	Prepare a ppt on wildlife and vegetation of India.	virtual pictures of flora and fauna.
How the State Government works	January	<p>a) Gain a sense of the nature of decision-making within State government.</p> <p>b) Understand the domain of power and authority exercised by the state government over people's lives.</p> <p>c) Gain a critical sense of the politics underlying the provision of services or the distribution of resources</p>	ppt on the present day Karnataka state ministers.	https://www.youtube.com/watch?v=cmcTv17YtPg
Human Environment - Settlement, Transport and Communication	January	<p>a) To explain the relationship between natural environment and human habitation.</p> <p>b) To appreciate the need of transport and communication for development of the community.</p> <p>c) To be familiar with the new developments in making today's world a global society.</p>	Write observations about your local area house types, settlements, transport and communication.	Text book

Eighteenth Century- Political Formations	February	a) Delineate developments related to the Sikhs, Rajputs, Marathas, later Mughals, Nawabs of Awadh and Bengal, and Nizam of Hyderabad. b) Understand how the Marathas expanded their area of control.	Enact a short play on Shivaji Maharaj.	virtual map pictures of the empires and also their monuments.
Life In the Deserts	February	a) To understand the complex inter relationship of human and natural environment. b) To compare life in one's own surrounding with life of other environmental settings.	Mark the deserts of the world on a world map. Locate the hot and cold Indian desert on a map of India.	https://www.youtube.com/watch?v=n4crvs-KTBw
	March	Revision		

Subject: Maths				
Grade : 7				
Chapters	Month	Learning Outcomes	Activities	Resources
Integers	June	Define integers Identify the rules on operations of integers under addition and subtraction	number line addition and subtraction	vedios
Fraction and decimal	July	Explore decimal place value Read and write decimal places tenth, hundredths and thousandth comparison of decimals learners will be able to multiply the decimals using standard algorithm.	.	visual fraction model
Data handling	July	the learner develops the skills to collect, organise, display, analyse and interpret this information. This enables the learner to participate meaningfully in political, social and economic activities	median mean n mode for your summative assessment marks	PPT
Simple Equation	August	Students will be able to independently write a simple addition equation from a word problem	worksheets	textbook, vedios
Lines and angles	September	Identify lines, line segments, rays, and angles. Classify angles as acute, right, obtuse, or straight. Identify complementary and supplementary angle Find measures of angles. Complementary angles, supplementary angles, parallel lines, intersecting lines, perpendicular, vertical angles, adjacent angles, transversal, corresponding angles are equal, alternate interior angles are equal.	figures and angles	virtual figures

triangle and properties	september	Introduction to Triangles, medians, altitudes, exterior angle property, angle sum property pythagoras theorem		vedios
congruence of triangles	november	Concept of congruence of objects, plane figures and triangles Concept of criteria of congruence	real life examples for congruent triangles	virtual shapes
Practical geometry	december	Construction of triangles with 3 different criterias		virtuals shapes
perimeter and area	december	area and perimeter of triangle, circle and application problems	real life objects and measure area and perimeter	textbook, vedios
Algebraic expressions	January	Write expressions and equations to represent real-world situations. Evaluate expressions for given values of expressions Solve one step equation and check the solution of the equation	Hexagon puzzle	textbook, vedios
Exponents and powers	february	define key terms in relation to exponents and explain rules of exponents	quiz on powers	charts

Subject: Hindi				
Grade : 7				
Chapters	Month	Learning Outcomes	Activities	Resources
हम पंछी उन्मुक्त गगन के दादी मां	जून	चिड़िया का स्वभाव और उनकी विशेषता जानेंगे।	चिड़िया का चित्र बनाकर उनके बारे में पांच वाक्य लिखो। अपनी दादी का चित्र बनाकर उनके बारे में पांच वाक्य लिखें।	https://www.youtube.com/watch?v=pzmCwFkipT4
हिमालय की बेटियां कठपुतली	जुलाई	विशालकाय हिमालय और नदियों की विशेषताएं जानेंगे	हिमालय के बारे में पांच वाक्य लिखिए और कुछ नदियों के नाम लिखें।	पाठ्य-पुस्तक
मिठाईवाला	अगस्त	प्रेमचंद्र की कहानियां	अपनी मनपसंद कहानी कक्षा में सुनाओ	https://www.youtube.com/watch?v=IFOYiU-Rypg
रक्त और हमारा शरीर शाम एक किसान	सितंबर	ब्लड बैंक की जानकारी किसान की विशेषता और उसकी मेहनत की जानकारी	स्वास्थ्य हेतु पांच वाक्य लिखें। कविता पढ़कर कक्षा में सुनाओ	पाठ्य-पुस्तक https://www.youtube.com/watch?v=SC1iLALi8Uw
चिड़िया की बच्ची	अक्टूबर	जैनंद्र कुमार की जीवनी	कोई भी मनपसंद कहानी कक्षा में सुनाओ।	पंचतंत्र की कहानियाँ
अपूर्व अनुभव रहीम के दोहे	नवंबर	रहीम का जीवन का परिचय	दोहे को पढ़िए और उसका अर्थ बताइए।	https://www.youtube.com/watch?v=jclCWpVCwNU

कंचा एक तिनका	दिसंबर	बच्चे छोटी सी चीज का महत्व समझेंगे	कविता को कक्षा में सुनाइए।	पाठ्य-पुस्तक
भोर और बरखा	जनवरी	मीरा बाई का जीवन परिचय	कविता को कक्षा में सुनाइए	मीराबाई की जीवनी का परिचय
वीर कुँवर सिंह	फरवरी	वीर कुँवर सिंह का जीवन परिचय	वीर कुँवर सिंह के बारे में पाँच वाक्य बताइए।	पाठ्य-पुस्तक
Revision	मार्च			

Subject: Science				
Grade : 7				
Chapters	Month	Learning Outcomes	Activities	Resources
1. Nutrition in Plants	June	1. Learners understood the differences between autotrophs and heterotrophs. 2. They learnt the process of photosynthesis- how plants prepare food, heterotrophic mode of nutrition of organisms.	Pictures of Pitcher plant, venus fly trap and other insectivorous plants shown, Lichens were shown, mould was grown on the bread, leaves of various clours were collected. Plants	https://www.youtube.com/watch?v=D1Ymc311XS8
2. Nutrition in Animals	June	1. Learners understood what is digestion, and what all parts are involved in digestion. 2. Also understood the arrangement of teeth, the concept of digestion and about the organs involved in digestion in humans and ruminants.	were listed out, mentioning various modes of feeding by different organisms, video of digestion in human, starfish was shown, drawing structure of teeth, digestive system and labelling, effect of saliva on starch using	https://www.youtube.com/watch?v=Mae3WeUMWzo
3. Fibre to Fabric	July	Learners understood the importance of breeding the animals, sective breeding, and was aware of different animals that produce wool, different breeds of sheep, kind of feed, steps in processing the fibre and about occupational hazard.	different parts of body and other animals, collecting the pictures of animals whose hair is used as wool, collecting pieces of silk cloth of various types, model of life	https://www.youtube.com/watch?v=cTiDbI_KHII

5. Acid, Bases and Salts	August	<p>1. Learners were able to understand the concept, different indicators and how substances can be tested for their acidity and basic nature using indicators</p> <p>2. Learners understood the concept of neutralization, and how that can be applied in their everyday life.</p>	<p>substances and writing how they taste, checking different products for their acidity or alkalinity using litmus paper, using turmeric as an indicator and testing products, learning</p>	<p>https://www.youtube.com/results?search_query=acids+bases+and+salts+class+7</p>
Ch 6: Physical and chemical changes	August	<p>1. Learners understood that some changes are reversible and some are irreversible. Also understood that change in physical properties leads to physical change.</p> <p>2. Learners understood the process of galvanization, crystallization and its uses.</p>	<p>Vinegar and baking soda will be mixed to show CO₂ gas formation, shown iron and rusted iron, sorting materials in to physical and chemical changes.</p>	<p>https://www.youtube.com/watch?v=Ly_YmVeADVg</p>
Ch7: Weather climate and adaptation	November	<p>1. Learners understood what is weather, elements of weather, maximum and minimum temperature of the day, and to measure the rainfall by using instrument called rain gauge.</p> <p>2. the difference between weather and climate, and when to find maximum and minimum temperature of the day</p>	<p>Making weather data of the week, collecting the pictures of migratory birds, sticking different animals picture of various regions and writing their adaptations</p>	<p>https://www.youtube.com/watch?v=IU9CsbAkRbc rain gauge https://www.youtube.com/watch?v=JVOxLrMaWA8&t=202s types of rain gauge</p>
10. Respiration in Organisms	December	<p>Learners understood aerobic and anaerobic respiration, breathing rate, respiratory system, mechanism of breathing, and also breathing of other animals.</p>	<p>Checking breathing rate under different conditions, effect of breathing on the chest size of some classmates, effect of air on lime water.</p>	<p>https://www.youtube.com/watch?v=PINEabFZ5Qk</p>
11. Transportation in Animals and Plants	January	<p>Learners understood about the circulatory system, blood, blood vessels, heart, drawing and labelling heart, excretory system in humans, transportation of substances.</p>	<p>and heart rate, while on rest, running and walking. Making model of stethoscope, transport of water in stem of the plant by</p>	<p>https://www.youtube.com/watch?v=Sh65pT-oiPY</p>

16. Water	February	Learners understood different sources of water, importance of water, its forms, how groundwater is formed, and how its getting depleted, what role to play in order to save water, harvesting rain water.	Collecting clippings from newspapers and magazines on the news items, articles and pictures related to water shortage, drawing and labelling water cycle,	https://www.youtube.com/watch?v=p52sVcnQ_AI
17. Forests- Our Lifeline	March	Learners understood Forest as habitat, forest plants, food chain, humus, decomposers, transpiration and water table	food chains, marking forests on the Indian map, collage on global warming, transpiration	https://www.youtube.com/watch?v=zccPfuBCLMU&list=PLHOGBLPrsnMqfX3Geddu9Z-ddhWMjrkYF

Academic Calendar				
2021-22				
Subject:English				
Grade : 8				
Chapters	Month	Learning Outcomes	Activities	Resources
Ch.1 The Best Christmas Present World in the World The Ant and the Cricket How the camel got his hump Tenses	June	Learners understand the plight of soldiers in at war and their feelings towards their possibilities. Learn the organized work of ants through this fable in contrast to a cricket.. Learners enjoy and understand the impact of laziness in this storyUnderstand the importance team work and discipline through ants. Learners learn to identify and transform the tenses into different types.	Group Discussion on types of presents. . Discuss traits to be learnt from different animals	Text Book and youtube video Be Yourself and RPS Hans
Ch2 The Tsunami The Geography Lesson Children at Work Story Writing	July	Learners understand 'Tsunami' and its impact . Learners try to visualise the disparities on earth with a reason but hatred for man is yet to be known. Learners understand the fate of urban poor who strive to get two meals a day and children who runaway from thier hometowns. Learners learn to write stories	Discuss about natural diasaters roup Discussion on why differences persist Write a few stories .	Text Book and Youtube video May Blog and Extramarks

Ch 3 Glimpses of the Past Macavity : The Mystery Cat The Selfish Giant Letter Writing	August	Learners understand the exploitation of British Learners enjoy the characteristics of a Mystery Cat. Learners understand that nature is against selfish people and does not allow them to survive.which can be compared to a sly human.analyse Learners learn the art and pattern of writing a letter.	Children discuss the situation in India prior to the arrival of British. Group Discussion on virtues. Practise letter writing.	Text Book and Youtube video-Iken School and Rachanasagar
Ch.4 Princess September The Last Bargain Half Yearly Examinations	September	Learners understand the importance of freedom Learners understand that innocence is the best of virtues.	Discuss about fairy tales Group Discussion on business transactions	Text Book and Youtube video-Extramarks
Ch.5 The Summit Within The Schoolboy	October	Learners understand that mental blocks are constraint to success . Learners request the elders to understand the joy of nature and allow them to enjoy without pressuring them for studies	Group Discussion regarding mental blocks towards achievements.	Text Book and Youtube video-The CG Bros
Ch6. This is Jody's Fawn The Duck and the Kangaroo The Fight Active and Passive Voice	November	Learners understand the love between humans and animals Learners understand the love of a duck to go on tour in poetic style. Learners understand that learning new skills can build rapport. Learners learn to transform voice	Group Discussion on different. Stories related to animals and humans. Children share their experiences related to fight	Text Book and Youtube video-Sunbeams and TryYoutube kids
Ch7. A Visit to Cambridge Jalebis Direct and Indirect Speech	December	Learners understand that be considered as a barrier for achievement Learners understand that temptations should be resisted, if not punishment is sure. Learners learn to transform Speech	Group discussion regarding great personalities with disabilities. Discussion about sweets children love to have.	Text Book and Youtube video-Sudha Katoch
Ch. 8. A Short Monsoon Diary When I set out for Lyonesse On the Grasshopper and Cricket	January	Learners learn Diary Writing The poet visits Lyonesse (the lost place) and recalls in the poetic style. Learners understand that earth always sinks with nature and is alive symbolically with grasshopper and cricket	Group discussion regarding different writings. Group discussion related to love for nature	Text Book and Youtube video-Vedantu and Kashi Public School

Ch 9 Ancient Education System of India	February	Learners understand the different system and methodology of Education in India during olden times.	Learners share the experiences told by their elders	Text Book and Youtube video- Manu ka Gyan
	March	examinations		

Subject: Social Studies

Grade : 8

Chapters	Month	Learning Outcomes	Activities	Resources
How, When and Where	June	a) Introduce the changing nomenclature of the subcontinent and regions. b) Delineate major developments within the timeframe. c) Suggest how the sources of study for this period are different to those of earlier periods.	Interview any elderly member of your family to find out about their life. Divide their life into different periods and explain the significant events in each period.	Virtual images of archives
Resources	June	a) To know the meaning of resources their variety, location and distribution. b) To understand the importance of resources in our life.	List few renewable resources and mention how their stock may get affected by overuse.	Text book
The Indian Constitution	July	a) Understand the Constitution as the primary source of all our laws. b) Understand laws as evolving and subject to change. c) Understand the vision and the values of the Constitution.	Enacting the comic strip given in the chapter	Text book
From Trade to Territory	July	a) Unravel the story of a trading company becoming a political power. b) Show how the consolidation of British power was linked to the formation of colonial armies and administrative structures.	Ppt presentation	virtual map of India
Understanding Secularism	August	a) Develop an appreciation of human rights guaranteed in the Constitution. b) Appreciate our continuous involvement with the constitution as a living document.	Design a poster on religious tolerance	Text book

Land, Soil, Water, Natural Vegetation and Wildlife	August	<p>a) To appreciate the judicious use of resources for sustainable development.</p> <p>b) To develop awareness towards resources conservation and take initiative towards conservation process.</p>	collage work on flora and fauna of India	Virtual images
Why do we need a Parliament?	September	<p>a) Understand why India chose a parliamentary form of govt.</p> <p>b) Gain a sense\rationale of the essential elements of the parliamentary form of government.</p> <p>c) Analyse the role of people's agency in placing demands for legislation</p>	Answer the questions on pg 41 on Indian Constituencies	virtual images of parliament, houses
Ruling the countryside	September	<p>a) Provide a broad view of changes within rural society through a focus on two contrasting regions.</p> <p>b) Discuss how growth of new crops often disrupted the rhythms of peasant life and led to revolts.</p>	If you were a peasant during the British period, how would you react to the atrocities on indigo planters. Give your views.	https://www.youtube.com/watch?v=PKv0dXiRuYI
Agriculture	October	a) Learn about various types of farming and agricultural development in two different regions.	Prepare a ppt on the method of farming in USA and India.	https://www.youtube.com/watch?v=j4ids1HhVik
Understanding Laws	November	<p>a) Develop an understanding of the rule of law and our involvement with the law.</p> <p>b) Gets an insight on the meaning of domestic violence and how justice can be got for such cases.</p> <p>c) Understands how laws can become unpopular and controversial relating to present-day examples.</p>	Collect pictures and write a short note on Rosa Park	video on Rosa Park
When People Rebel	November	<p>a) To assess the situation which led to 1857 war of Independence.</p> <p>b) To identify the freedom warriors of the war.</p>	Role - play on freedom warriors	Mangal Pandey film scenes
Judiciary	December	<p>a) Understand the main elements of our judicial structure.</p> <p>B) Appreciate the need for the processes followed, understand what an FIR is and how to file one</p>	symmetrical diagram of the levels of judiciary.	https://www.youtube.com/watch?v=Y1MP1qXR-X8

Women, Caste and Reform	December	<p>a) Discuss why so many reformers focused on the women's question, and how they visualised a change in women's conditions.</p> <p>b) Outline the history of new laws that affect women's lives.</p> <p>c) Illustrate how autobiographies, biographies and other literature can be used to reconstruct the histories of women.</p>	Discussion : Status of women in the eighteenth century	Film 'Jhoola' shown depicting sati system
Public Facilities	December	<p>a) to understand the Government's role in providing basic necessities like water, electricity, roads etc.</p> <p>b) To deduce alternatives for water shortage faced by Chennai.</p>	Project work	_____
The Making of the National Movement - 1870s - 1947	January	<p>a) Outline the major developments within the national movement and focus on a detailed study of one major event.</p> <p>b) Show how contemporary writings and documents can be used to reconstruct the histories of political movements.</p>	Role - play on freedom struggle leaders	https://www.youtube.com/watch?v=ytG1s-vG-4
Understanding Our Criminal Justice system	January	a) Gain a critical understanding of social and economic injustices.	Discussion : on Shanthi case given in the chapter	Text book
Industries	February	<p>a) To understand the different forms of industries.</p> <p>b) To get an insight on the locations of major industries in India</p> <p>c) To identify the important steel and textile cities of the world and India.</p>	On the map of India, mark the major steel and cotton industries	https://www.youtube.com/watch?v=daeuF3J2IZo
India After Independence	February	<p>a) Discuss the successes and failures of the Indian democracy in the last fifty years.</p> <p>b) Illustrate how newspapers and recent writings can be used to understand contemporary history.</p>	Make a project on how Bangladesh became independent from Pakistan	https://www.youtube.com/watch?v=0i24iBeqIGY
Human Resources	February	a) To understand the role of human resources in development of nation's economy.	Debate : " Is Population an asset or liability"	Text book
	March	Revision		

Subject: Science				
Grade : 8				
Chapters	Month	Learning Outcomes	Activities	Resources

1. Crop production and management	June	<p>1. Learners were able to understand that many steps for crop production to be followed before growing the crops.</p> <p>2. Learners understood the importance of loosening the soil and bringing rich soil on top.</p> <p>3. Requirement of crop rotation, manure and fertilizers advantages.</p>	<p>implements were shown; Sow some seeds and arrange the water by drip irrigation and observe daily something is wrong collect different types of seeds and label them, collect pictures of agricultural machines, note on</p>	<p>https://www.youtube.com/watch?v=8ulpy_GFLDk</p>
2. Micro-organisms: Friends and Foe	July	<p>1. Learners were able to understand the role of micro organisms, and there domestic uses.</p> <p>2. Learners understood how food poisoning happens and how to preserve the food by using different chemical methods.</p>	<p>using yeast, dissolving the yeast powder with some water and sugar and observe under the microscope. Pull out the plant from the field and observe the roots, root nodules; list out the contents</p>	<p>https://www.youtube.com/watch?v=YSitT0oOoyc</p>
3. Synthetic fibres and plastics	July	<p>1. Learners got to know the variety of synthetic fibres, there uses, advantages and disadvantages.</p> <p>2. Learners understood that plastic will pollute the environment and so should be properly disposed and recycled.</p>	<p>fiber is the strongest, find out the different types of clothes and the materials it is made of, find out the organisations in your area which are carrying out awareness programs about no plastics.</p>	<p>https://www.youtube.com/watch?v=2PAIQPLZgoI Plastic https://www.youtube.com/watch?v=Vjch2nHxff8 Types of synthetic fibres</p>
4. Metals and Non metals	August	<p>1. Learners got to know the variety of synthetic fibres, there uses, advantages and disadvantages.</p> <p>2. Learners understood that plastic will pollute the environment and so should be properly disposed and recycled.</p> <p>3. A more reactive metal can replace a less reactive metal, but a less reactive one cannot replace a more reactive metal.</p>	<p>Finding out the appearance and hardness of different materials find out which is a good conductor or a bad conductor, making a tester of your own, test nature of solutions using litmus paper, finding out the reactions of metals and nonmetals with acids and base.</p>	<p>https://www.youtube.com/watch?v=h424V0oUtSE</p>

5. Coal and Petroleum	August	Learners understood the natural and man made resources, exhaustible and inexhaustible resources, biotic and abiotic resources. Learners got to know the story of coal, its products, and uses. story of petroleum, its refining and there uses.	materials and classified then as natural and manmade, in outline map of India mark where coal, petroleum and naturally gases are found. find out the location of major thermal power plant	https://www.youtube.com/watch?v=QEa36qNo86E_coal https://www.youtube.com/watch?v=pWW6bSSaPZk_petroleum
6. Combustion and flame	September	Learners understood what combustion is, oxygen requirement for burning, ignition temperature of different fuel is different. Learners understood different zones of flame, calorific value, its unit, harmful products released while burning.	wood or charcoal with a glass jar and observe. Heat the water in a paper Cup, heating one end of the long glass tube and bring the matchstick near the other end of the glass tube and observe the flame caught at this	https://www.youtube.com/watch?v=MxRiYBc0yXE
7. Conservation of Plants and Animals	September	Learners understood about deforestation, cause and consequences, global warming, drought, ground water level decreasing, desertification, soil erosion. Learners also understood how government is trying to protect forest, wild animals and trees.	Listing out National parks, wild life sanctuary and biosphere reserves in India	https://www.youtube.com/watch?v=lc-J6hcSKa8
8. Cell - Structure and Function	November	Learners understood that cell is of different size and shape, cell structure and parts of cell, difference between prokaryotes and eukaryotes, comparison of plant and animal cell.	of cell, amoeba, paramecium, plant and animal cell and labelling, observing organisms under microscope, observing onion peel,	https://www.youtube.com/watch?v=URUJD5NEXC8
9. Reproduction in Animals	November	Learners learnt modes of reproduction, male and female reproductive organs, internal and external fertilization, difference between viviparous and voviparous animals, life cycle of frog, asexual reproduction in hydra, and amoeba.	Drawing and labelling male and female reproductive organs, model of life cycle of frog. observe eggs of different animals, visit a poultry farm, find out about twin babies.	https://www.youtube.com/watch?v=4h4tdQxgWP0

10. Reaching the age of Adolescence	January	Learners learnt what is adolescence, changes at puberty, , change in body shape, voice change, increased activity of sweat and sebaceous glands, role of hormones, menstruation, how to determine sex of a baby, personal hygiene, and importance of physical exercise.	growth in height with age, collect information on importance of consuming iodised salt, identify the items in food responsible for proper growth, list of diet for adolescence, find out the	https://www.youtube.com/watch?v=Nw2yHKxrj7o
15. Some natural phenomena	December	Learners will understand what are charged objects, electroscope types of charges and their interaction, story of lightning, lightning conductors, what causes an earthquake and protection against earthquakes.	objects and materials, trying to charge them by rubbing against each other like balloon, refill etc. Making a simple electroscope using a piece of Cardboard, collecting the	https://www.youtube.com/watch?v=O8K11MiShrI
11. Pollution of Air and Water	February	Learners will understand how air gets polluted and some of the case studies like Taj Mahal etc, greenhouse effect, global warming, water pollution, how the water gets polluted, what portable water and how it can be purified.	and water pollution can be prevented, doing some case studies about Taj Mahal, a model of global warming. compare different sources of water for smell, acidity and color. Investigating	https://www.youtube.com/watch?v=VrFSstCR0PpQ

Grade :8				
Subject : Maths				
Chapters	Month	Learning Outcomes	Activities	Resources
1. Rational numbers	June	Understanding the properties of rational numbers. Identifying rational numbers between two rational numbers. Marking rational numbers on a numberline.	Finding more rational numbers between two rational numbers. Marking rational numbers on a numberline.	vedios
2. Linear Equations in One Variable	June	Identify and solve linear equations of different types.	Solving linear equations in one side. Solving linear equations in both the sides. Identifying situations	textbook, vedios
3. Understanding quadrilaterals.	July	Identifying different types of polygons understanding the properties of polygons.	Angle sum property. Verifying properties of polygons using	Models of different polygons.

4. Practical geometry	july	The learner develops a skill to construct different types of polygons by understanding their properties.	Construction of different quadrilaterals using different properties.	Videos
5. Data handling	August	Students will be able to organize data in bargraphs, histograms, pie charts etc. Learners will be able to understand the chances and probability of an event.	Drawing different types of graphs and pie charts. Finding the probability of occurrence of an event.	worksheets
6. Squares and Square Roots	August	Learners will be able to know more about the squares and square roots of a given number and how to find them.	Finding squares of different numbers. Finding square roots of different numbers using repeat subtraction method,	Text book
7. Cubes and cube roots.	August	Learners will be able to know more about the cubes and cube roots of a given number and how to find them.	Finding cubes of different numbers. Finding cube roots of different numbers using different methods.	Text book
8. Comparing Quantities	september	Learners will be able to recall about percentages, ratio etc. Identifying situations related to profit, loss etc. Understanding more about Simple interest and Compound interest.	Finding profit and loss . Solving application level questions on simple interest and compound interest.	textbook, vedios
9. Algebraic Expressions and Identities	november	Learners will be able to add, subtract, multiply and divide polynomials. Learners learn about the identities and their applications.	Multiplying monomial, binomials and polynomials with polynomials. Solving problems using identities.	text book, Models.
10. Visualising Solid Shapes	november	Recognising 2D and 3D objects. Understanding maps. Understanding Euler's formula	Recognising 2D and 3D objects. Drawing maps. Applying Euler's	Models.
11. Mensuration	december	Learners will be able to find the area and perimeter of different 2D shapes. Learners know more about the surface area and volume of different 3D shapes.	finding the area and perimeter of different 2D shapes. Finding the surface area and volume of different 3D shapes.	virtuals shapes

12. Exponents and Powers	december	Learners understand the laws of exponents. Learners learn to express given quantities in standard form.	Solving problems using laws of exponents. Expressing given large and small values in standard form.	textbook, work sheets.
13. Direct and Inverse Proportions	January	Learners will be able to identify real life situations where we make use of direct and indirect variations.	identifying real life situations and solving problems using of direct and indirect variations.	textbook, vedios
14. Factorisation	January	Learners learn to find the factors of a given polynomial using different methods.	Finding factors of a given polynomial using different methods. Diving polynomial	textbook, work sheets.
15. Introduction to Graphs	february	Learners recall about the construction of different types of graphs. Learners understand the formation of line graphs and to find the coordinates in the graph.	Drawing graphs using the given information.	Graphs
16. Playing with Numbers	february	Learners understand the general form of numbers which are helpful in solving puzzles or number games. Learners learn to check the divisibility of different numbers.	Solving puzzles . Quiz.	Text book. Puzzles and quizzes.

Grade : 8				
Subject: Hindi				
Chapters	Month	Learning Outcomes	Activities	Resources
1: ध्वनि (कविता) 2: लाख की चूड़ियाँ (कहानी)	जून	छात्रों में नवीन ज्ञान का विकास करना। हमें आलस्य छोड़ कर मेहनती होना चाहिए।	छात्र प्रस्तुत विकास का सस्वर वाचन करेंगे। घर में मेहमान आने पर आप उसका अतिथि-पदकार कैसे करेंगे?	सूर्यकांत त्रिपाठी निराला का चित्र और उनकी जीवनी
3: बस की यात्रा (व्यंग) 4: दीवानों की हस्ती (कविता)	जुलाई	छात्रों को हिन्दी भाषा के महत्व से परिचित कराना। छात्र बस की यात्रा आनन्द उठा सकेंगे।	साथियों को कहाँ जाना था? लोगों ने शाम की बस से यात्रा न करने की सलाह	https://www.youtube.com/watch?v=fr2psf39w-o
5: चिट्ठियों की अनूठी दुनिया (निबंध)	अगस्त	चिट्ठियों की महत्वता, मनुष्य के जीवन में 'पत्र लेखन' कब शुरू हुआ	कविता को पढ़कर कक्षा में सुनाओ।	https://www.youtube.com/watch?v=M0m2z5P7Aj0
6: मगपान के जापूए (कविता) 7: क्या निराश हुआ जाए (निबंध)	सितंबर	आशावादी बनना, सकारात्मक सोच रखना।	हमारे जीवन में डाकिए की भूमिका क्या है इस विषय पर 10 वाक्य लिखिए	पंचतंत्र की कहानी
8: यह सबसे कठिन समय नहीं (कविता)	अक्टूबर	छात्रों में वाचन शक्ति और लेखन कौशल का विकास करना। छात्रों के शब्द भंडार में वृद्धि।	रिश्तेदार के घर संदेश भेजना हो तो आप लोग कैसे भेजेंगे?	जया जादवानी का जीवन परिचय

9: कबीर की साखियाँ 10: कामचोर (कहानी)	नवंबर	घर में माता पिता का हाथ बताना, आलस्य नहीं करना	कबीरदास का चित्र बनाकर उनका जीवन परिचय लिखो	https://www.youtube.com/watch?v=QC0HG1Sjg8Y
12: सूरदास चरित (कविता)	दिसंबर	घर में माता पिता का हाथ बताना, आलस्य नहीं करना	जीवन परिचय और सुदामा चरित्र दोहे कक्षा में सुनाओ।	https://www.youtube.com/watch?v=G4r0FkR2j4I
14: जकबस सादा (कहानी) 15: सूर के पद (कविता)	जनवरी	सूझबूझ से परेशानों को निपटाना छात्रों में अभिव्यक्त की योग्यता का विकास करना।	सूर के पद कक्षा में सुनाओं।	सूर के पद कक्षा में सुनाओं।
17: बाग्य घर सादा (कहानी) 18: टोपी (कहानी)	फरवरी	जो मिला है उसे में सतुष्ट रहना। छात्रों में वाचन कौशल का विकास करना।	में से 5 मुहावरे चुनकरउनका वाक्य में प्रयोग कीजिए।	पंचतंत्र की कहानी
Revision	मार्च			

Skalvi International School
Academic Calendar
2021-22

Subject: English
Grade : 9

	Chapters	Month	Learning Outcomes	Activities
E n g l i s h	Ch.1 The Fun They had The Road Not Taken The Lost Child Transformation of Sentences Letter Writing	June	Learners assume how the schools would be totally digitalised in the next century and how those . Learners miss the present schooling where children learn together. Learners understand the importance of decision making in moulding their future. Learners understand that parents are everything for them however they	Group Discussion on types of schools and boards Group Discussion on different professions. Group Discussion on how much children are dependent on their parents Practise transformation of sentences Practise letter writing
	Ch2 The Sound of Music Wind Adventures of Toto Weathering the Storm in	July	Learners understand that through music personalities have evolved inspite of physical disabilities. Learners understand that one should be strong enough to face difficulties through the poem 'Wind'	Discuss about Indian Musicians Group Discussion On 'Caring Pets' Practise Story Writing

	<p>Ch 3 The Little Girl</p> <p>Rain on the Roof</p> <p>A House is not a Home.</p> <p>Tenses</p>	<p>August</p>	<p>Learners understand the love between the father and the child irrespective of verbal expression.</p> <p>Learners visualise rain and the roof as the poet recalls his old memories.</p> <p>Learners understand the difference between</p>	<p>Learners discuss the necessity of love in a family.</p> <p>Group Discussion on enjoying the beauty of nature.</p> <p>Group discussion on factors making a house a home. Practise exercises on tense Paragraph Writing.</p>	
	<p>Ch.4 In the Kingdom of Fools</p> <p>The Legend of Northland</p> <p>Half</p>	<p>September</p>	<p>Learners understand the importance of wise men in a country.</p> <p>Learners understand that greed is a negative trait for human being</p>	<p>Group Discussion on wit and funny stories</p> <p>Group Discussion on mythological characters related to generosity</p>	
	<p>Ch.5 A Truly Beautiful Mind</p> <p>Dialogue</p>	<p>October</p>	<p>Learners understand the story of Einstein which made him have a truly beautiful mind .</p>	<p>Group Discussion of world famous scientist. Story telling through Dialogues</p>	
	<p>Ch6. My Childhood</p> <p>The Happy Prince</p> <p>On killing a Tree</p>	<p>November</p>	<p>Learners get inspired by Abdul Kalam's story .</p> <p>Learners understand that helping others brings you closer to God.</p> <p>Learners understand that strong aspects of a person cannot be shaken through a tree</p>	<p>Group Discussion on leaders of India.</p> <p>Stories related to virtues</p> <p>Practise transformation.</p>	
	<p>Ch7. Packing</p> <p>The Last Leaf</p> <p>The Snake Trying</p> <p>The Beggar</p>	<p>December</p>	<p>Learners understand the importance of organising things</p> <p>Learners understand the value of sacrifice through a painting</p> <p>Learners try to understand how a</p>	<p>Group discussion packing before a trip.</p> <p>Learners share the experiences known to them</p> <p>Learners discuss the importance of life.</p> <p>Learners share their experiences how at times transformation happens</p>	

	Ch. 8 Reach for the Top The Bond of Love	January	Learners get inspired by reading the stories of Santosh Yadav and Maaria Sharapova Learners understand the love between an animal and a human being.	Group discussion regarding women personalities Learners share their experience with their pets.
	Ch 9 If I were You	February	Learners understand that identity of a person cannot be stolen easily and examinations	Learners share the experiences related to presence of mind
		March		

Subject : Social Studies

Grade :9

Chapters	Month	Learning Outcomes	Activities
The French Revolution	June	a) Familiarize with the names of people involved, the different types of ideas that inspired the revolution. b) Know the use of	draw a mind map on the events of the revolution.
India - Size and location	June	a) Identify the location of India in the Indian	Identify the latitudes, Prime Meridian on the map of India.
Physical features of India	July	a) Understand the major landform features and the underlying geological structure, their	Make a collage on the features of India.
The Story of Village Palampur	July	a) Familiarize with basic economic concepts through an	Describe in your own words the infrastructure and town division of Palampur village.
What is Democracy? Why Democracy?	August	a) Develop conceptual skills of defining democracy. b) Understand how different historical processes and forces have promoted democracy.	Debate - Is Democracy necessary for a country?
People as Resource	August	a) Understand the demographic concepts. b) Understand how population can be an	Debate - Is population boon or bane?
Drainage	September	a) Identify the river systems of the country and explain the role of	Location of rivers, dams on the map of India.
Constitutional Design	September	a) Understand the process of Constitution making. b) Develop respect for the Constitution and appreciation for Constitutional values.	collect pictures of the main personalities of the Constituent Assembly.

Electoral Politics	October	a) Understand representative democracy via competitive party politics. b) Familiarize with Indian electoral system. c) Reason out for the adoption of present Indian Electoral System	Collect information on the Election Commission and make a collage of the process of election
Working of institutions	November	a) Understand central governmental structures. b) Identify the role of Parliament and its procedures. c) Distinguish between political and permanent executive authorities and	Prepare a ppt on the organs of Democracy
Socialism in Europe and Russian Revolution	December	a) Explore the history of socialism through the study of Russian Revolution. b) Familiarize with the different varieties of socialism	collect pictures of the important personalities of the chapter and write a note on them.
Climate	December	a) Identify various factors influencing the climate and explain the climatic variation of our country and its impact on the life of	Mark the path of monsoon on the map of India.
Nazism and the Rise of Hitler	January	a) Discuss the critical significance of Nazism in shaping the politics of modern world. b) Get familiarized	Discussion on II World War
Poverty as challenge	January	a) Understand poverty as a challenge. b) Identify vulnerable group and interstate disparities.	Discussion on " Poverty is a curse "
Natural Vegetation and Wildlife	February	a) Explain the nature of diverse flora and fauna as well as their distribution. b) Develop concern	Prepare a ppt on wildlife and vegetation
	March	Revision	

Subject : Science

Grade :9

<i>Learning Outcomes</i>	<i>Sources and Resources</i>	<i>Week-wise Suggestive Activities (to be guided by</i>	
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<p><i>The learner</i></p> <ul style="list-style-type: none"> classifies materials based on their states, such as, solids, liquids and gases. plans and conducts investigations or experiments to arrive at and verify the facts or phenomena or to seek answers to queries on their own, such as— Is matter continuous or particulate in nature? What is the effect 	<p>Chapter 1 Matter in our Surroundings Content Discussed in the textbook Physical nature of matter</p> <ul style="list-style-type: none"> Matter is made up of particles <p>Characteristics of particles of matter</p> <ul style="list-style-type: none"> Particles of matter have space between them Particles of matter attract each other <p>States of matter</p> <ul style="list-style-type: none"> The solid state The liquid state The gaseous state <p>Can matter change its state?</p> <ul style="list-style-type: none"> Effect of change of temperature Effect of change of pressure <p>Evaporation</p> <ul style="list-style-type: none"> Factors affecting evaporation How does evaporation cause cooling? <ul style="list-style-type: none"> E-Resources developed by NCERT, which are available on NROER and also attached as QR Code in textbooks of NCERT. Live telecast of various science concepts at Swayam Prabha Channel 	<p>Theme— Material Week 5</p> <ul style="list-style-type: none"> Read the chapter, Matter in Our Surroundings from your textbook carefully. If you do not have hard copy of the textbook, open the link and read from e-book http://epathshala.nic.in/process.php?id=students&type=eTextbooks&ln=en/ Perform an activity and have fun. Make your own cloud in a bottle and recap the concept you have studied in your earlier classes. Take a 500 ml plastic bottle and pour 5ml water in it. Request any elderly person to light a matchstick and then blow it out so that it gives out smoke and 	
<ul style="list-style-type: none"> draws labelled diagrams/ tables/ flow charts about the setup of the activities / experiments. calculates using the data given, such as, conversion of Celsius scale to Kelvin scale and vice versa by solving problems uses scientific conventions or symbols to represent various quantities and units. 	<p>https://www.youtube.com/channel/UCT0s92hGjqLX6p7qY9BBrSA Laboratory Manual in Science for Class IX Links for various experiments are given below</p> <ul style="list-style-type: none"> http://epathshala.nic.in/QR/books/desm/NCERT_Science_Lab_Manual_IX%20_Expt_05. pdf http://epathshala.nic.in/QR/books/desm/NCERT_Science_Lab_Manual_IX%20_Expt_06. pdf http://epathshala.nic.in/QR/books/desm/NCERT_Science_Lab_Manual_IX%20_Expt_07. pdf http://epathshala.nic.in/QR/books/desm/NCERT_Science_Lab_Manual_IX%20_Expt_08. pdf 	<ul style="list-style-type: none"> Perform this activity and find out - Is matter continuous or particulate in nature? Take a clean glass tumbler and fill half the tumbler with water. Taste this water Caution : you will take water which you use only for drinking purpose at home. Now add one tea spoon full of salt/sugar in it and stir it with spoon What do you think has happened to the salt/ sugar? Taste this water from anywhere in the glass Why it is evenly distributed throughout the solution? Think and reflect on it. 	

<ul style="list-style-type: none"> • applies scientific concepts in daily life by solving problems, such as, particles of matter are very small; particles of matter are continuously moving; cooling is caused by evaporation etc. • draws conclusion, such as, matter is made up of particles; particles of matter are continuously moving. 		<ul style="list-style-type: none"> • Now light the incense stick and place it at the same place Caution: Do this step in the presence of some elderly person • Do you get the smell sitting at a distance? <p>Record your observations and share your findings with your friends on WhatsApp Group. etc. (Remember we are not moving out of home due to COVID19. So, you are requested whatever material is available at home, try to do these activities / experiments accordingly).</p> <ul style="list-style-type: none"> • Open the given link This is an 	
<ul style="list-style-type: none"> • takes initiative to know about scientific discoveries such as, discovery of five states of matter. • exhibits values of honesty, objectivity, and rational thinking while taking decisions, such as, records and reports experimental data honestly etc. • communicates the findings 	<p>Exemplar Problems in Science for Class IX</p> <ul style="list-style-type: none"> • Matter in our surroundings http://ncert.nic.in/ncerts/1/ieep101.pdf Link to find out the answers to the questions http://ncert.nic.in/ncerts/1/ieep1an.pdf 	<ul style="list-style-type: none"> • Time to relax! After doing a couple of activities, do some work out at home. For example, breathing exercises, stretching exercises, skipping, dance, yoga, indoor games, etc. Parents must motivate their children. Have a 	
		<p>Week 6</p> <ul style="list-style-type: none"> • Let us try this activity. Note your observations at the end of each activity in your notebooks. • Collect some solid materials within your home, such as, pen, book, steel spoon, plate, sponge, rubber band, etc., and observe their shape. • Try compressing 	

		<ul style="list-style-type: none"> • Now collect water, cooking oil, milk, juice, butter milk, containers of different shapes, such as, cup, bowl, tumbler, plate, etc. • Transfer these liquids one by one into different containers. Does the shape of the liquid remain the same? Does it flow easily from one container to another? • What will happen • Remove its piston and fill it with water 	
<ul style="list-style-type: none"> • differentiate s between uniform 		<p>You can repeat this activity by taking containers of different sizes with equal amount of water and place them at different places under different conditions.</p> <ul style="list-style-type: none"> • Observe them carefully and share your findings in the form of a project • Collect information and pictures about scientists who are talking about the five states of matter by surfing net. Compile it in the form of report. Share it with your teacher and classmates on Google Group / WhatsApp Group / e-mail. With the help of your teacher you can also disseminate this report by publishing it in your school magazine. • Open the given link. This is an interactive quiz based on the concept of evaporation Learn more and have fun. https://nroer.gov.in/55ab34ff81fccb4f1d806025/file/5c9af65416b51c01e5c592bf • Open the given 	

and non-uniform motion; distance and displacement/ speed and velocity	Chapter 8- Motion	<p>Week 7</p> <p>Theme: Moving Things, People and Ideas</p> <p>Some of the activities given in the textbook can be done at home. Observation</p>	
<ul style="list-style-type: none"> classifies different types of motion as uniform-non uniform; linear-circular that s/he sees in everyday life plans and conducts investigations/ experiments to arrive at and verify the facts/ principles/ phenomena to seek answers to queries on their own, such as— How does speed of an object change?; 	<p>https://youtu.be/z8Q2YYY0QtU</p> <p>http://ncert.nic.in/textbook/textbooks/htm?iesc1=8-15</p>	<p>Activity 8.1</p> <ul style="list-style-type: none"> Discuss whether the walls of your room are at rest or in motion. <p>Activity 8.2</p> <ul style="list-style-type: none"> Have you ever experienced that the train in which you are sitting appears to move while it is at rest? Discuss and share your experience. <p>Activity 8.3</p> <ul style="list-style-type: none"> Take a metre scale and a long rope. Walk from one corner of your room to the opposite corner along its sides. Measure the distance covered by you and magnitude of the displacement. What difference would you notice between the two in this case? Plot graphs using the data 	
<ul style="list-style-type: none"> derives formula such as equation of motion applies scientific concepts in daily life and records & reports experimental data objectively 	https://youtu.be/IQUkUFBK61w	<p>Activity 9.2</p> <ul style="list-style-type: none"> Set a five-rupee coin on a stiff card covering an empty glass tumbler standing on a table (see Fig. 9.7). Give the card a sharp horizontal flick with a finger. If we do it fast then the card shoots away, allowing the coin to 	
<ul style="list-style-type: none"> exhibits values of honesty/ objectivity/ rational thinking 	https://youtu.be/YZx_x72s08s	<ul style="list-style-type: none"> The inertia of the coin tries to maintain its state of rest even when the card flies off. Some of the activities, given in the textbook can be done at 	

<ul style="list-style-type: none"> communicates the findings and conclusions effectively, such as, those of experiment/ activity/ project orally and in written form using appropriate figures/ tables/ graphs/ 		<p><i>Activity 10.1</i></p> <ul style="list-style-type: none"> Take a piece of thread. Tie a small stone at one end. Hold the other end of the thread and whirl it round, (see Fig.10.10). Note the motion of the stone. Release the thread. Again, note the direction of motion of the stone. <p>Caution: Be careful of the surroundings while performing this activity.</p>	
<ul style="list-style-type: none"> differentiates between balanced and unbalanced 			
<ul style="list-style-type: none"> plans and conducts investigations/ experiments to arrive at and verify the facts/ principles/ phenomena to seek answers to queries on their own, such as force can be used to change the magnitude of velocity of an object , or to 	<p>https://youtu.be/hUVmCA_eiyA https://youtu.be/JA-mw8zIWmY http://ncert.nic.in/textbook/textbook.htm?iesc1=9-15 http://ncert.nic.in/ncerts/1/ieep109.pdf</p>	<p><i>Activity 10.6</i></p> <ul style="list-style-type: none"> Take a transparent vessel filled with water. Take a piece of cork (or some lighter material) and an iron nail of approximately equal mass. Place them on the surface of water. Observe what happens. The cork floats while the nail sinks. This happens because of the difference in their densities. The upthrust of water on the cork is greater 	
	<p>https://youtu.be/VCsetKxKEfo</p>		

<ul style="list-style-type: none"> explains processes / laws such as Newton's laws of motion calculates using the data given, such as force, momentum, acceleration draws figures/ diagram to illustrate Newton's laws of motion. 	http://ncert.nic.in/textbook/textbook.htm?iesc1=10-15 http://ncert.nic.in/ncerts/1/ieep110.pdf https://youtu.be/sMYCMPSKCeg https://youtu.be/qIcaj83GtI		
<ul style="list-style-type: none"> analyses and interprets graphs/ figures etc., such as, velocity-time graphs to compute 			
<ul style="list-style-type: none"> uses/ measures physical quantities using appropriate apparatus/ instruments /such as spring 			
<ul style="list-style-type: none"> uses scientific conventions / symbols/ equations to represent various quantities/units 			
<ul style="list-style-type: none"> derives formula/ equation, such as, law of conservation of linear 			
<ul style="list-style-type: none"> applies scientific concepts such as laws of motion in 			

<ul style="list-style-type: none"> records & reports experimental data objectively and 			
<ul style="list-style-type: none"> exhibits values of honesty/objectivity/rational thinking 			
<ul style="list-style-type: none"> communicates the findings and conclusions effectively, such as those of experiment/activity/project 			
<p>Theme: Moving Things, People and Ideas Chapter 10 Gravitation</p> <ul style="list-style-type: none"> differentiates between mass and weight; thrust and pressure plans and conducts investigations/experiments 			

<ul style="list-style-type: none"> calculates using the data given, such as, gravitational force, pressure exerted by an object; density of a material draws figures or diagrams to illustrate universal law of gravitation uses measures physical quantities using appropriate apparatus / 			
<ul style="list-style-type: none"> uses scientific conventions / symbols/ equations to represent various quantities/units applies scientific concepts of gravitation in daily life in solving problems records and reports experimental data objectively and honestly. exhibits values of honesty/ objectivity/ rational thinking communicates the 			

<ul style="list-style-type: none"> relates processes and phenomena with causes and effects, such as, impact of carbon dioxide and other greenhouse gases on climate change. explains processes and phenomena, such as, global warming, climate change, ozone layer depletion, etc. draws labelled diagrams, flow charts, concept 	<p>NCERT/State Textbook Chapter: Natural Resources Link 1 http://ncert.nic.in/textbook/textbook.htm?iesc1=14-15 Link 2 Live interaction on Air pollution https://www.youtube.com/watch?v=lhYClwdF5gU Link 3 Live interaction on Air pollution https://www.youtube.com/watch?v=4XknE275G88 Link 4 https://mausam.imd.gov.in</p>	<p>Week 10 <i>Activity 1</i> • Students may read the whole of Activity 14.1 (Link 1) and watch videos on air pollution (Links 2 and 3) in order to have an idea about atmosphere and air pollution. • They may describe the hypothetical situation if there is no atmosphere.</p> <p><i>Activity 2</i> • In order to understand the nature of convection currents, students may perform Activity 14.2 provided in Chapter 14 (Link 1). • Repeat the activity at least a few times and write down what they observe.</p>	
<ul style="list-style-type: none"> analyses and interprets graphs and figures the increase in greenhouse gases over decades, concentration 		<p><i>Activity 4</i> • Students may be engaged in Activity 14.4 provided in Chapter 14 (Link 1). • They may compile the information they have gathered in their notebook or scrapbook.</p>	
		<ul style="list-style-type: none"> They may present the data in the form of graph or other 	
<ul style="list-style-type: none"> applies scientific concepts in daily life and solving problems, such as, purification of water. 		<p><i>Activity 5</i> • Using internet, students may find out more about monsoons and cyclones from authentic websites (For example, Link 4).</p>	
		<ul style="list-style-type: none"> They may try to find out the rainfall pattern of 	
		<ul style="list-style-type: none"> They may also find out if the monsoon is 	

<ul style="list-style-type: none">• draws conclusion, such as, soil has different components and it is not homogenous , deforestation can lead to soil erosion, etc.			
<ul style="list-style-type: none">• designs• exhibits values of honesty, objectivity, rational thinking, freedom from myths, superstitious beliefs while taking decisions, respect for life, etc., such as, records and reports experimental data exactly.			
<ul style="list-style-type: none">• communicates the findings and conclusions			

	<p>NCERT/State Textbook Chapter: Natural Resources Link 5 https://cpcb.nic.in/upload/Downloads/AQI_Bulletin_20200427.pdf Link 6 https://nroer.gov.in/55ab34ff81fc cb4f1d806025/ page/5b714d69 16b 51c01ef583a61 Link 7 https://cpcb.nic.in/index.php</p>	<p>Week 11 <i>Activity 6</i> <ul style="list-style-type: none"> Based on the Air Quality Index provided for different cities in Link 5, students may find out the air quality of different states in general. They may present their findings in the form of an appropriate table, graph, etc. They may make a list of the different prominent air pollutants and find out using internet the possible sources of such pollutants. <i>Activity 7</i> <ul style="list-style-type: none"> Students can find out how much they know about water cycle by watching the interactive video </p>	
		<p><i>Activity 9</i> Students may compile information about water on the following— (i) Trace the route of the source of water that you use at home. (ii) What is the quality? Is it safe to drink without purification? (iii) What are the sources of water pollution in your area? What should be done to reduce such pollutions? (iv) Do you use water judiciously and conserve it? What are the steps that you take for that? (v) Prepare a model for water purification. (vi) Should water be made available free of cost to everyone?</p>	
		<p><i>Activity 10</i> <ul style="list-style-type: none"> Students may perform Activity 14.10 provided in Chapter 14 (Link 1). Note: Instead of </p>	

NCERT/State Textbook	Week 12 <i>Activity 11</i> <ul style="list-style-type: none"> • Check Link 8 and Link 9 and prepare a well-labeled chart of carbon cycle <i>Activity 12</i> <ul style="list-style-type: none"> • Watch Link 10 and write down in your own words what are the challenges of climate change in India and what are the possible solutions. <i>Activity 13</i> <ul style="list-style-type: none"> • Watch Links 11, 12 and 13 and explain in your own words how do you know that climate change is real? • How is climate change related to carbon dioxide? <i>Activity 14</i> <ul style="list-style-type: none"> • Take the quiz in Link 14 to find out your knowledge about climate change 	
Chapter: Natural Resources		
Link 8		
NOAA resource on what is carbon cycle https:// oceanservice.noaa.gov/facts/carbon-cycle.html		
Link 9		
It's a series of slides about carbon in the atmosphere https:// nroer.gov.in/55ab34ff81fc/cb4f1d806025/ page/5a9e56e116b51cebb41cc4e1		
Link 10		
Leonardo DiCaprio's documentary movie on climate change https:// www.filmsforaction.org/watch/before-the-flood-2016/		
Link 11		
Tracking CO2 emission https://vimeo.com/ 23539318		
Link 12		
Shrinking arctic sea https://vimeo.com/23540634		
Link 13		
Global climate model https:// www.youtube.com/watch?v=SuZHnqxltKo		
Link 14		
Quiz on climate https:// cleanet.org/clean/literacy/ climate/quiz.html		

Subject : Mathematics		
Grade :9		
<i>Learning Outcomes</i>	<i>Sources and Resources</i>	<i>Week-wise suggested activities (to be guided by parents)</i>

<ul style="list-style-type: none"> identifies/classifies polynomials among algebraic expressions and factorises them by applying appropriate algebraic identities. develops strategies to locate points in a Cartesian plane. relates the algebraic and graphical representations of a linear equation in one or two variables and applies the concept to daily life situations. 	<p>NCERT Mathematics Textbook for Class IX Chapter 2 : Polynomials https://nroer.gov.in/55ab34ff81fccb4f1d806025/page/5b5837d816b51c01ca8ac058 Chapter 3 : Coordinate Geometry http://ncert.nic.in/textbook/textbook.htm?iemh1=3-15</p>	<p>Week 5</p> <ul style="list-style-type: none"> A brief recall of algebraic expressions can be done by motivating students to form as many expressions as possible using different variables and operations. For e.g. $2x-7/3$, $3/x^2 + 4$, $2/3(t + 5)$ etc. Students may now be asked to form algebraic expressions with increasing or decreasing powers of a variable. For e.g. $y^3 - 2y + 6$, $1/(m^2 + 1)$ etc. They may be involved in observing the difference in such types of expressions. The expressions with a particular arrangement of variables can be discussed. Concept of a polynomial can be introduced now. The terms related to polynomials, such as, term, coefficient can now be discussed. <p>Week 6</p> <ul style="list-style-type: none"> Students may be
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Chapter 4

Linear Equations in Two Variables

<http://ncert.nic.in/textbook/textbook.htm?iemh1=4-15>

Books published by The Association of Mathematics Teachers of India (AMTI)

Week 7

- The analogy between process of division of two numbers and that between two polynomials may be drawn. The remainder theorem and later factor theorem can be discussed. The statements of these theorems may be discussed. The ease of obtaining remainder and quotient can be made to realise through the discussion of different examples.

The discussion about importance of theorems and their application may be encouraged among the students.

- Different identities, such as, $(a+b)^2 = a^2 + 2ab + b^2$

Week 8

- Situations from daily life may be discussed where we are required to locate a certain building in a city or a house in a big colony. The given references need to be focused on. For example, To locate an office in another city, we may give directions as two kilometres from the railway station near X school. Many such situations may be created and discussed by the students.

- This may be followed by sketching the locations on a paper thereby giving an idea about locating a point in a plane and the required parameters.

• Beginning from locating a point on a number line it may be discussed how the use of a combination of such number lines can be extended to locate a point in a plane. Students may now be

Week 9

• Further concepts of quadrants and plotting points in a plane may then be talked about. As an activity students may be given the coordinates of points, such as, (5,0), (0,-3), (2,-3) etc. They may draw the coordinate axes and show the representation. Students may be encouraged to use a graph paper initially and later shift to a plain sheet of paper.

• Activities mentioned in Mathematics textbook of Class IX and Mathematics Laboratory Manual for Secondary Stage (available on NCERT website) may be referred.

• Exercises attempted by

Week 11

- Solutions of such equations may now be thought of. It may be discussed as to how many solutions can there be? How are these equations similar or different from linear equations in one variable in terms of the number of solutions of these equations? Students may be motivated to find solutions having varying natures, such as ,whole numbers, integers, rational numbers or irrational numbers
- The graphs of these equations may be plotted either on a graph paper or on a plain sheet to get a visual understanding of the nature of linear equations. It

Week 12

- Students may discuss the application of equations in other subject areas, such as, science. That is, how can certain principles of science be written mathematically in terms of equations and how can they be useful in predicting certain parameters associated with them? For e.g.: You know that the force applied on a body is directly proportional to the acceleration produced in the body. Write an equation to express this situation and plot the graph of the equation.
- Nature of the graphs of linear equations reduced

सीखने के प्रहिफल	स्रोि और ससाधन	सपििवार सुझावात्मक/गहिहवहध याँ (अधयापकों के सियरोग से	
<ul style="list-style-type: none"> भाषा-साहित्य के हिहिध रूपों/हिधाओुं को समझते िुए सिुंय भी कु छ पढ़ते-हिखते िैं अपने जीिन के परििश के अनभुं िों (अनभुं हयों) को हिखकि, बोिकि दसू िों तक सुं पेषत कि (पुिवा) सकते िैं अपने परििश को समझते िुए उसे अपने दहनक जीिन में जाँच-पिख कि हिखते िैं 	<ul style="list-style-type: none"> NCERT, CIET, E-Pathshala, QR-Code आहद पि उपिबध सामग्ी दखे सकते िैं www.ncert.nic.in, www.ciet.nic.in, www.swayamprabha.gov.in https://www.youtube.com/channel/UCT0s92hGjqLX6p7qY9BBrSA एनसीईआटी द्ािा कक्ा 9 के हिए ष्काहशत हिदी की पाठुंयपसु तक 'हक्हतज भाग 1' से मिादि िी ििमामा की िचना 'मेिे बचपन के हदन' िे सकते िैं बचपन की ्यादों को िेकि हिखी गई हकसी भी िचनाकाि ्या सफ्सद्ध िसती (वुंयहतति) की कोई भी िचना िम पढ़-सनुं सकते िैं ऐसी िचनाँ िमें सभी पाठुंयपसु तकों अथा पत्र-पहत्रकाओुं में हमि जाती िैं ICT की सियाता से भी िम ऐसी िचनाओुं को ढूँढ/पढ़ सकते िैं कक्ा 9 की पाठुंयपसु तक 'हक्हतज भाग 1' में सुं कहित पाठ 'उपभोतािाद की सुं सककृ हत िेखक श्यामाचिण दबुंे को एक उदाििण के रूप में पढ़ते-सनते िैं िेहियो, टी.िी. पि आने िािे हिज्ापनों औ ष्चाि सामग्ी का उष्योग अध्थन सामग्ी की तिि हक्या जा सकता िैं 	<ul style="list-style-type: none"> 9िीं औ 10िीं कक्ा के हिद्ाथथी बेशक अपनी हकशोििसिथा में िते िे,ेे िेहकन 'बचपन' िम सब में िमेशा ििता िे औ ििना भी चाहिए। मिादि िी ििमामा ने सुं समिण 'मेिे बचपन के हदन' में ऐसी िी ्यादों (समहत्यों) को सबसे साझा हक्या िे उनके बचपन में बाहिकाओुं की सामाहजक दशा औ हशक्ा की हसथहत बुित अचछी निी थी। इसके बािजुं द िे पारिारिक प्तोतसािन से भाितीय साहित्य की हिख्यात िचनाकाि (हिदुषी) बनीं। हजस ष्काि सुं ष्सद्ध वुंयहतति अपने सुं समिणों से िमें प्ेरित किते िेेे, उसी ष्काि िम भी अपने बचपन की ्यादों 	

	<ul style="list-style-type: none"> • एक उदाहरण QR Code की सहायता से एनसीईआरटी की कक्षा 9 की हिंदी की पाठ्यपुस्तक 'हृत्कथन भाग 1' में शाहमि कबीर के दोहों और पदों (सबदों) को पढ़ते-सनाते हैं। 	<ul style="list-style-type: none"> • माद्री विमामा दांति हिहखत विखाहचत्रों ए सः समिणों की सहसद्व पसु तः को 'अतीत के विहचत्र', 'समहत की विखाए', 'पथ के साथी' आहद से भी ऐसे विी औ सः समिण पढ़ सकते हैं। • पाठ, 'उपभोकांदि की सः सकृ हत, बांदि की 	
<ul style="list-style-type: none"> • सचना सः चांि पौदोहगकी (ICT) माध्यमों को अपनी अध्वन आश्यकताओं के लिए प्योग किते हैं। • भाषा-साहित्य की मौहखक-हिहखत पिं पिा को समझते हैं। • भाषा-साहित्य की बांिहक्यों पि चचामा किते हैं। • दोंिा-सबद (पद) 	<ul style="list-style-type: none"> • एनसीईआरटी दांति कबीर पि हनहमतमा हिलम को CIET की साइट पि दखे सकते हैं। • इसके अंतिंा Youtube पि उपिबध कबीर/विंिम/हबिंिी के सैकड़ों दोंिों को भी सना-दखा-समझा जा सकता है। 	<ul style="list-style-type: none"> • पाठ को पिंिंा विंय विं हक "धींे-धींे सब कु छ बदि विंिंा हैं" 'िंिकाउन' की परिहसथहत्यों को ध्यान में विखते विंुए उन काय्यों, व्पिंिंिंों की सू ची बनाई जा सकती हैं, उनका हिशिषण हक्या जा सकता है, हजनमें विंिम बदिंिंों को देख विंिंिंे। व्पिंिंिंा विंिंे घि, सकू विंिंे, खेि-कू द, बांदि आने-जाने या प्कृ हत सः बः धीं बदिंिंे आहद कु छ भी विंो सकते हैं। • हिज्ापनों का विंिंिंे व्पिंिंिंा पि कै सा (अचछा- • भाषा-अध्वन की दृहट से दस पाठ के साथ दक्या पिंः 	

Academic Calendar

2021-22

Subject : Science

Grade :10

Learning Outcomes	Sources and Resources	Suggested Activities (to be guided by teachers/parents)

<p><i>The learner</i></p> <ul style="list-style-type: none"> classifies metals and non-metals based on their physical and chemical properties plans and conducts experiments/ simple activities/ experiments to verify the conditions necessary for rusting/ corrosion of objects and also metals are good conductor of heat, etc. explains about metals as good conductors of heat whereas non- metals are not with some exceptions, extraction of metals from ores etc. draws labelled diagrams for set up of activities / experiments such as metals are good conductors of heat, and also flow charts 	<p>Theme - Materials Chapter 3- Metals and Non-metals Content discussed in the textbook</p> <ul style="list-style-type: none"> Physical properties of metals and non-metals Chemical Properties metals and non-metals <p>✓ What happens when metals are burnt in air? ✓ What happens when metals react with water? ✓ What happens when metals react with acids? ✓ How do metals react with solutions of other metal salts?</p> <ul style="list-style-type: none"> The reactivity series How do metals and non-metals react? Occurrence of metals Corrosion <p>✓ E-Resources developed by NCERT, which are available on NROER and also attached as QR Code in textbooks of NCERT.</p>	<p>Week 5</p> <p>✓ Read the chapter <i>Metals and Non-metals</i> from your Textbook carefully. If you do not have hard copy of textbook, open the link and read from e-book http://epathshala.nic.in/process.php?id=students&type=eTextbooks&ln=en</p> <p>✓ Open the given link https://nroer.gov.in/55ab34ff81fccb4f1d806025/page/58871312472d4a1fef810dbc</p> <p>✓ Watch the video carefully; you can see many reactions taking place in the video. Pause the video after each reaction and do the following:</p> <ul style="list-style-type: none"> Write the symbol and formulae for the metals, acids and salt solutions used in the video. Write the physical states for the substances used in the reactions. Translate each reaction into chemical equations and then balance them. <p>✓ Find out the locations of the deposits of metals such as, zinc, iron, aluminum, etc., in India and their uses by surfing net. Prepare it in the form of project report. You may also paste or draw pictures of metals</p>
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<ul style="list-style-type: none"> draws conclusion for various investigations, such as, metals are good conductors of heat. Necessary conditions for rusting etc. exhibits values of honesty, objectivity, rational thinking by reporting and recording experimental data accurately and honestly communicates the findings and conclusions of the activities/ experiments /projects or any task orally and in written form effectively using appropriate figures, tables, graphs, and digital forms, etc. makes efforts to 	<ul style="list-style-type: none"> Live telecast of various science concepts at Swayam Prabha Channel https://www.youtube.com/channel/UCT0s92hGjqLX6p7qY9BBrSA ITPD package developed for teachers teaching at Secondary Stage http://www.ncert.nic.in/departments/nie/dse/activities/advisory_board/PDF/teaching_sc.pdf Laboratory Manual in Science for Class X http://ncert.nic.in/ncerts/1/jelm102.pdf Exemplar Problems in Science for Class X <ul style="list-style-type: none"> Chapter on Metals and Non- Metals http://ncert.nic.in/ncerts/1/jeep103.pdf Link to find out the Answers to the Questions http://ncert.nic.in/ncerts/1/jeep1an.pdf 	<ul style="list-style-type: none"> This is an Interactive Quiz based on the properties of metals and non-metals. Learn more and have fun. Develop a crossword puzzle based on Metals and Non-metals. Share it with your friends on WhatsApp Group or email. Each one of you may note down the time to complete this crossword puzzle. Discuss the key and clear your doubts. Time to relax! After doing couple of activities, do some work out at home. For example, stretching exercises, skipping, dance, yoga, indoor games etc. Parents must motivate their children. Have a balanced diet. This you should follow even when your schools will reopen. <p>Week 6</p> <ul style="list-style-type: none"> Try to perform this activity at home <ul style="list-style-type: none"> Take three dry bottles and label them as A, D and C Place clean iron nails/ or any iron objects and place these in each one of them. Pour some water in bottle A and
		<ul style="list-style-type: none"> What does this tell us about the conditions under which iron articles rust? State the ways by which you can prevent the rusting of iron nails/ iron objects. <ul style="list-style-type: none"> Explore the young scientist in you. You can further investigate by dipping iron

• You can also draw diagram of this experimental setup

• You can also click photographs or make video of the activity/ experiment and share it with your teacher and friends on WhatsApp Group. (Remember we are not moving out of home due to COVID19. So, you are requested whatever material you have at home, try to do the activity / experiment accordingly).

✓ Collect information and

Week 7

✓ Collect pictures and information related to the historical background of two rust resistant monuments built in India.

✓ Compile it in the form of report. Share information with your friends on the Group created by your teacher.

✓ Try to perform this activity at home.

• Take metallic spoon, plastic spoon and wooden spoon. If you do not have plastic or wooden spoon, you can take wooden broom stick, plastic stick/rod. Remember all the three objects should be of same length, width and

		<p>(Remember we are not moving out of home due to COVID19. So, you are requested whatever material you have at home, try to do the activity / experiment accordingly). ✓ Find out the answer to these questions by surfing the Internet. Some answers to these questions you can also find inside your home only</p>
		<ul style="list-style-type: none"> • Which non-metals are usually used in day-to-day life? Share and discuss it with your friends through email or WhatsApp group. Compile it in the form of a report. You <p>Week 8 ✓ Develop a game</p>
<p><i>The learner</i></p>	<p>NCERT/State Textbook</p>	<p>You can self-evaluate the answers by clicking on the given http://ncert.nic.in/ncerts/1/jeep1an.pdf If you have any doubts, discuss with your friends and Time to relax! After doing couple of activities, do some work out at home. For example, stretching exercises, skipping, dance, yoga, indoor games etc. Parents must motivate their</p> <p>Week 9</p>

<ul style="list-style-type: none"> relates processes and phenomena with causes and effects, such as, impact of human activities on the environment . explains processes and phenomena, such as, food chains, food webs, ozone layer depletion, etc. draws labelled diagrams, flow charts, concept maps, graphs, such as, ecosystem, 	<p>Chapter: Our Environment Link 1 Chapter 15: Our Environment</p> <ul style="list-style-type: none"> http://ncert.nic.in/textbook/textbook.htm?jesc1=15-16 <p>Link 2 Interactive resource with questions on components of ecosystem</p> <ul style="list-style-type: none"> https://nroer.gov.in/55ab34ff81fccb4f1d806025/page/5c90ce7d16b51c0_1e4209ccb 	<p><i>Activity 1</i></p> <ul style="list-style-type: none"> Students may read Section 15.1 (Link 1). <p><i>Activity 2</i></p> <ul style="list-style-type: none"> Students may check Link 2 and learn more about ecosystem and check their understanding as well based on multiple choice questions provided at the end of the link. <p><i>Activity 3</i></p> <ul style="list-style-type: none"> Students may write down the chain of events which could take place in the ecosystem if mosquitoes were wiped out from the face of the earth. <p>Note: Students may take the help of internet to find out the role of mosquitoes in the ecosystem.</p> <p><i>Activity 4</i></p>
	<p>NCERT/State Textbook Chapter: Our Environment Link 3 A slide about ozone hole</p> <ul style="list-style-type: none"> https://nroer.gov.in/55ab34ff81fccb4f1d806025/page/5a9e56ec16b51cebb41cc50f <p>Link 4 An article about ozone hole and CFC</p> <ul style="list-style-type: none"> https://nroer.gov.in/55ab34ff81fccb4f1d806025/page/58da80b4472d4a_2c0ef2d176 	<p>Week 10</p> <p><i>Activity 5</i> <i>Activity 9</i></p> <ul style="list-style-type: none"> Students may complete Activity 15.6 provided in Link 1. They may record their findings in their scrapbook. <p><i>Activity 10</i></p> <ul style="list-style-type: none"> Using internet and other sources, students may find out how long it may take for
<p><i>The learner</i></p> <ul style="list-style-type: none"> differentiates between convex and concave surfaces; between erect and inverted image based on, properties/ characteristics plans 	<p>Chapter 10- Light</p> <ul style="list-style-type: none"> Content of chapter 10 of Science Textbook (English version) <p>Link 1 (English version)</p> <ul style="list-style-type: none"> http://ncert.nic.in/textbook/textbook.htm?jesc1=10-16 <ul style="list-style-type: none"> Content of chapter 10 of Science Textbook (Hindi version) <ul style="list-style-type: none"> http://ncert.nic.in/textbook/textbook.htm?jhsc1=10-16 <p>Link 2 Experiments on reflection light using laser</p> <ul style="list-style-type: none"> https://nroer.gov.in/55ab34ff81fcc 	<p>Weeks 11 and 12</p> <p><i>Activity 1</i></p> <ul style="list-style-type: none"> Take a large shining spoon. Try to view your face in its curved surface. Do you get the image? Is it smaller or larger? Move the spoon slowly away from your face. Observe the image. How does it

<p>and conducts investigations/ experiments to arrive at and verify the facts/ phenomena related to reflection and</p>	<p>b4f1d806025/page/ 5699f92981fcc b15fb2145f7 Link 3 Sign convention for spherical mirrors shown with graphics • https://nroer.gov.in/ 55ab34ff81fcc b4f1d806025/page/ 5a9e57b916b51cebb41cc9c4</p>	<p>change? • Reverse the spoon and repeat the Activity. How does the image look like now? • Compare the characteristics of the image on the two surfaces. <i>Activity 2</i></p>
<p>• explains processes and phenomena, such as, reflection and refraction, etc. • Analyses and interprets data/graph/figure to • draw conclusion regarding reflection and refraction from spherical mirrors and lenses, glass slabs, etc. • Communicates the findings and conclusions effectively,</p>	<p>• https://nroer.gov.in/ 55ab34ff81fcc b4f1d806025/file/ 5b3dc8be16b51c01d82d9b1c Link 6 Experiments to demonstrate reflection and refraction of light • https://nroer.gov.in/ 55ab34ff81fcc b4f1d806025/ page/5699f8b 581fccb15fb214089 Link 7 Simulation to show refraction of light • https://nroer.gov. in/55ab34ff81f ccb4f1d806025/ page/5b4d7da 316b51c0 1e2fe50f2 Link 8 Observe refraction • https://nroer.gov. in/55ab34ff8 1fccb4f1d 806025/page/569 9f90281fccb 15fb214426</p>	<p><i>Activity 4</i> • Solve numerical problems and quiz questions given in Links 4 and 5. • See Link 13. Perform experiments/ activity if feasible. • Caution: Do not go out of the house. You can search and observe video of experiments. • Experiments can be performed after opening of school. • Solve problems given in Link 14. <i>Activity 5</i> Observe Links 6 to 12. <i>Activity 6</i> • Place a coin at the bottom of a bucket filled with water. • With your eye to a side above water, try to pick up the coin at once. Did you</p>

	<ul style="list-style-type: none"> • https://nroer.gov.in/55ab34ff81fccb4f1d806025/page/5699f8ce81fccb15fb214184 	<p>Activity 9 Draw ray diagram to show nature, position and relative size of the image formed by a convex lens for various positions of the object and check with Table 10.4 and fig.10.16.</p> <p>Activity 10 Draw ray diagram to show nature, position and relative size of the image formed by a concave lens for various positions of the object and check with Table 10.5 and Fig.10.17.</p> <p>Activity 11</p>
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Subject : Maths		
Grade :10		
Learning	Sources and Resources	Week-wise Suggested
<p><i>The learner</i></p> <ul style="list-style-type: none"> • develops a relationship between algebraic and graphical methods of finding the zeroes of a polynomial. • finds solutions of pairs of linear equations in two variables using graphical and different algebraic 	<p>NCERT Mathematics Textbook for Class X</p> <p>Chapter 2 Polynomials</p> <p>Chapter 3 Pair of Linear Equations in two Variables</p> <p>Chapter 4 Quadratic Equations</p> <p>E-resources</p> <p>Chapter 2 Polynomials</p> <p>http://ncert.nic.in/textbook/textbook.htm?jemh1=2-15</p> <p>https://nroer.gov.in/5645d28d81fcb60f166681d/file/58dd37ba472d4a03227bf8e0</p> <p>Chapter 3 Pair of Linear Equations in two Variables</p> <p>http://ncert.nic.in/textbook/textbook.htm?jemh1=3-15</p> <p>Chapter 4 Quadratic Equations</p> <p>http://ncert.nic.in/textbook/textbook.htm?jemh1=4-15</p> <p>Books published by The Association of Mathematics Teachers of India (AMTI)</p>	<p>Week 5</p> <ul style="list-style-type: none"> • A brief review of polynomials can be done by asking students to pick polynomials from a collection of algebraic expressions. This may be followed by asking students to classify given polynomials as linear, quadratic or cubic. They may be encouraged to form more such polynomials. • A discussion about notation for representing a polynomial using different letters as variables, say $p(x)$, $q(x)$, $r(x)$, may follow.

Week 7

- The discussion may be supported by attempting exercises from the Class X NCERT textbook and Exemplar problem book, both available on the NCERT website.
- Students may be asked to observe the coefficients of polynomials whose zeros they have found earlier. They may be motivated to explore some relation between the zeros of the polynomial and the coefficients of the terms. The discussion may finally culminate in establishing relation between sum of zeros, product of zeros and the coefficients.
- The relation so established may be

Week 8

- This discussion can lead to the concept of division algorithm for polynomials and its verification through lots of examples generated by students.
- Polynomials of different degrees and terms may be encouraged to be formed for verifying different related concepts. For e.g. $x^2 - 2x + 1$, $x^3 - 5$ etc.
- A recall of linear equations can be done. There are infinite solutions of these equations, many of them can be found.
- Students may be motivated to improvise the situations that generated a single linear equation in

Week 9

- Students may be asked to plot graphs for the given pair of linear equations in two variables. Initially teachers may send these equations to the students, later students may be encouraged to do that. Students may send their observations about the nature of graph i.e., whether the lines representing the given equations intersect at a point or overlap each other or are parallel. This may lead to the discussion on the nature of solutions of these equations.

- The three algebraic methods of finding solutions may then be

Week 10

- Given a pair of such equations, students may try to solve it using all the three methods, verify it graphically as well as by substituting the solutions obtained in the given equations. They may try to think how these three methods are linked to each other and which is more workable etc.

- To deepen their understanding students may continue with the learning activities using exercises given in Class X NCERT textbook, *Exemplar Problem Book*, *Laboratory Manual for Secondary Stage* and e-resources on NROER

		<ul style="list-style-type: none"> Teacher may encourage students to see through examples the analogy between the number of zeros of a quadratic polynomial and the number of solutions i.e. roots of a quadratic equation. Finding of roots of a quadratic equation by factoring it into linear factors may now be initiated. <p>Week 12</p> <ul style="list-style-type: none"> The method of completing the squares to find the solution of a quadratic equation may now be discussed. Students may be encouraged to apply this method to a general form of a quadratic equation $ax^2+bx+c=0$ and a general
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Subject :Hindi		
Grade :10		
सीखने के प्रहिफल	स्रोि और ससाधन	सर्ािवार सुु झावात्मक गहिहवहधयाँ (अहिावकों दारा अधयापकों
<ul style="list-style-type: none"> लिखने की प्रलरिया को समझकर अपने अनभवों को स्वयं लिखते हैं अपने पररवेशगत अनभवों को समझते हुु ए भाषा 	<p>ICT का उपयोग करते हुु ए पाठ् यपसुु तक में लिए गए QR Code की सहायता लि सकते हैं</p> <ul style="list-style-type: none"> टी.वी. पर प्रसाररत काय्यरिम, इटरनेट, रेलियो आलि। NCERT, CIET, E-Pathshala, QR-Code आलि पर उपिब्ध सामग्ी लिखे सकते हैं www.ncert.nic.in, www.ciet.nic.in, www.swayamprabha.gov.in https://www.youtube.com/ 	<ul style="list-style-type: none"> यलि आप अपने लशक्क/लशलक्का से ICT के माध्यम से सुु पक्य में है तो इस सुु िभ्य में उनसे बातचीत करनी चालहए। लिखने की प्रलरिया, सुु िभ्य अनभवों, भाषा/शैिी पर ICT माध्यमों से जसुु े अपने साल्यों, अधयापकों से बातचीत करें। पररवार में अपने

<p>का सजनात्मक प्रयोग करते हैं। • पाठ्यपुस्तक में शामिल रचनाओं के अलतररक्त कलवता, कहानी, लनबंध आदि पढ़ते-लिखते हैं।</p>	<p>channel/UCT0s92hGjqL X6p7qY9BBrSA एक उाहरण- • 'मैं क्यों लिखता हूँ?'- अजेय • एनसीईआरटी की कक्षा 10 की परक पाठ्यपुस्तक 'कृ लतका भाग 2' में संकलित पाठ। नोट- संदर्भ-विस्तार के कुछ विदु- • मैं क्यों लिखता हूँ? का उत्तर लिखकर ही जाना जा सकता है। • लिखने का आंतरक एवं बाहरी विबाव।</p>	<p>जलममावका/बड़ा से भी पढ़ने-लिखने की प्रलरिया पर बातचीत कर सकते हैं। • लिखने की प्रलरिया के महत्त्वपूर्ण लक्ष्यों पर लक्ष्य-तन-मनन करें। • अपने अनभवों को आपके द्वारा लिखी और अनभुत की गई</p>
	<p>• अजेय, स्वयं लवज्ञान के लवदायी होने और लहरोलशमा-नागासाकी (जापान) पर परमाणु बम लगाए जाने के अनभवों और अनभुत को एक कलवता 'लहरोलशमा' में व्यक्त करते हैं। • बचचे भी अपने अनभवों- अनभुत लतयों को लिखने की कोलशश करें। • उाहरण के लिए हम एनसीईआरटी की पाठ्यपुस्तक 'लकलतज भाग 2' में संकलित कहानी 'नेताजी का चश्मा' लिखक स्वयं प्रकाश, को लि सकते हैं।</p>	<p>• 'नेताजी का चश्मा' कहानी में यलि नेताजी की मलत्य पर नया- नया चश्मा होना, यहाँ तक लकसी बचचे द्वारा सरकने का चश्मा चदाया जाना भी सचची शिभलक्त का ही पररणाम है। • कहानी की शिभलक्त की अवधारणा को समझते हुए हम आज-कि 'कोलवि- 19' (COVID-19) से जझते शि-समाज के लवलभन्न नागररकों, जैसे- डॉक्टरों, नसभों, सेाई कमचाररयों, पलिसकलम्ययों, लिनक जीवन की अलनवाय्य-आवश्यक सेवाओं- वस्तुओं को हम तक</p>

		<ul style="list-style-type: none"> • कलवता (छाया मत छूना) को िो-तीन बार स्वयः पढ़ने-सनने का प्रयास करें। इससे लकसी भी कलवता का मखुय भाव-लवचार धीरे- धीरे खिने िगता है। • आवश्यकता एवः सलवधानसार अपने लशक्को/लशलक्काओः (लवशेषतः, जो कक्ा 9-10 में आपको लहिःी पढ़ाते हों) से बातचीत की जा सकती है। • अपने साल्यों (लमतों) से भी कलवता के बारे में मोबाइ eोन पर लवचार-लवमश्य लकया जा सकता है। इससे लकसी
<ul style="list-style-type: none"> • वत्यमान पररलस्लत यों में पाठ्पसुतकों में शालमि रचनाओः जैसे- कलवता, कहानी, एकाः की आलि को पढ़ते-लिखते है। • भाषा सालहत्य की बारीलकयों पर चचाय 	<ul style="list-style-type: none"> • एक िाहरण के रूप में हम यहाँ एनसीईआरटी की कक्ा 10 की लहिःी पाठ्यपसुतक में शालमि लगररजाकु मार मारु की कलवता 'छाया मत छूना' को िे रहे है। • QR-Code के माध्यम से हम इस कलवता को पढ़-सनु सकते है। 	<ul style="list-style-type: none"> • कलवता में शब्ि अक्सर बहु अथी/बहु आयामी होते है, अतः हमें उनकी बहु अथी छलवयों को समझने का प्रयास करना चालहए, जैसे- छाया, मगतष्णा, कलठन यार्य, रात कृष्णा आलि।

Subject :English		
Grade :10		
Learning Outcomes	Sources and Resources	Week-wise Suggestive Activities (to be guided by

<p><i>The learner</i></p> <ul style="list-style-type: none"> • listens for information, gist and details and responds accordingly. • listens to and discusses literary / non-literary inputs in varied contexts to infer, interpret and appreciate. ✓ reads with comprehension on the given text / materials employing strategies like skimming, scanning, predicting, previewing, reviewing, 	<p>Lesson 3: Two Stories about Flying <i>His First Flight</i> by Liam O' Flaherty <i>Black Aeroplane</i> by Frederick Forsyth https://ciet.nic.in/pages.php?id=firstflight&ln=en (Audio version of the Lesson) Use QR code reader from mobile. http://ncert.nic.in/textbook/textbook.htm?jeff1=3-11 (PDF version of energised book available at www.ncert.nic.in) Reading Having listened to the story / text / poem, learners read the text on their own. (In case there are other sibling at home, they can do it with their brother / sister or even parents) Learners read the text in chunks (the text may be divided into four or five sections). NCERT textbooks are divided into sections followed by oral comprehension check. While reading activity: As they read the text / stories on their own, learners will have to attempt to answer the question given in the middle of the text or learners are using text from state or other textbooks, they should attempt to answer the questions for comprehension given at the end of the text.</p>	<p>Week 5</p> <p>Competency/Skill—Listening and Reading</p> <ul style="list-style-type: none"> • Teachers inform learners about the website and the particular lesson to be learnt. • Teacher may be given special instruction - what is expected of them. Say for example, 'listen to the audio text and then read the same text on your own.' <p>Competency/Skill—Reading</p> <p>Teachers may ask learners to do the following activities as per the needs of learner/the curriculum—</p> <ul style="list-style-type: none"> • Attempt and answer the reading comprehension questions given at the end of text. • Create a sub-text by summarising the text • Write or tell the
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<p>✓ uses words, phrases, idioms and words chunks for meaning making in contexts.</p> <p>✓ understands and elicits meanings of the words in different contexts, and by using dictionary, thesaurus and digital facilities.</p> <ul style="list-style-type: none"> • speaks fluently with proper pronunciation, intonation and pause, using appropriate grammar. 	<p>Process Approach to Writing</p> <p>It emphasises the steps a writer goes through when creating a well-written text. The stages include:</p> <p>Brainstorming: writing down many ideas that may come to an individual's mind or through discussions, pair work, group work</p> <p>Outlining: organising the ideas into a logical sequence</p> <p>Drafting: writer concentrates on the content of the message (rather than the form).</p> <p>Revisions: in response to the writer's second thoughts or feedback provided by peers or teacher, the draft is revised.</p> <p>Proof-reading: with an emphasis on form. Correct the language and appropriateness of its use.</p> <p>Final draft: <i>Write the final draft now</i></p> <p>Watch the video on process approach to writing.</p> <p>Other resources can be found on— https://www.youtube.com/user/kankoduthavanithan</p>	<p>Competency/Skill—</p> <p>Vocabulary</p> <p>Thematic vocabulary (used / read in the lesson)</p> <p>Teachers may ask learners to —</p> <ul style="list-style-type: none"> • Find the new words and categorise into groups and make a word web or mind map of the words. • Create a dictionary of words you come across in the text. • Find the meaning of words and write them down in their notebook. • Try to make sentences using the words. <p>Skills/Competency</p> <p>Speaking</p> <p>Learners describe the movement of aeroplanes, motorcars, Bird flying and about how bird move from one</p>
<p>✓ reads with comprehension on the given text / materials employing strategies like skimming, scanning, predicting, previewing, reviewing, inferring.</p> <p>✓ reads silently with comprehension, interprets layers of meaning.</p>	<p>Use QR code reader from mobile.</p> <p>http://ncert.nic.in/textbook/textbook.htm?jeff1=3-11</p> <p>(PDF version of energised book available at www.ncert.nic.in Read Part II of the lesson)</p>	<p>Competency/Skill—R</p> <p>eadng</p> <p>Teachers may ask learners to do the following activities as per the needs of learner / the curriculum—</p> <ul style="list-style-type: none"> • Attempt and answer the reading comprehension questions given at the end of text. • Create a sub-text by summarising the text • Write or tell the whole story / text in your language to parents or sibling. • Make a visual description of the story. <p>Post Reading Activity</p> <p>i. Reading comprehension</p> <p>Revisit / reread</p>

<p><i>The learner</i></p> <ul style="list-style-type: none"> • writes short answers / paragraphs, reports using appropriate vocabulary and grammar on a given theme; • writes letters both formal and informal, invitations, advertisements, notices, slogans, messages and emails. • writes short dialogues and participates in role plays, skits, street plays 	<p>https://www.youtube.com/user/kankoduthavanithan Lot of resources available on this NROER, QR codes of the lesson Process Approach to Writing (Please refer to the writing activity given above)</p>	<p>Week 7</p> <p>Writing Based on the reading of the text / story, the learner may now do the short answer comprehension questions. Learners undertake at least three or four writing tasks undergoing the process (approach).</p>
<p>The learner ✓ listens for information, gist and details and responds accordingly. ✓ listens to and discusses literary / non-literary inputs in varied contexts to infer, interpret and appreciate. ✓ reads with comprehension the given text / materials employing strategies like</p>	<p>Lesson 4 <i>From the Diary of Anne Frank</i> by Anne Frank https://ciet.nic.in/pages.php?id=firstflight&ln=en Listen to the audio of the text. QR Code http://ncert.nic.in/textbook/textbook.htm?jeff1=4-11 Read from the energised text. http://epathshala.nic.in/QR/?=1059CHO4 Post reading activity task. Creating a sub text by rearranging the sentences which summarises the story / text. https://nroer.gov.in/55ab34ff8/</p>	<p>Week 9</p> <p>Competency/Skill— Listening and Reading</p> <ul style="list-style-type: none"> • Teachers inform the learners about the website and the particular lesson to be learnt. • Teachers may be given special instruction - what is expected of them. Say for example ‘listen to the audio text and then read the same text on your own.’ <p>Competency/Skill— Reading Teachers may ask learners to do the following activities as per the needs of learner / the curriculum:</p> <ul style="list-style-type: none"> • Attempt and answer the reading comprehension questions given at the end of text.

<p>✓ understands and elicits meanings of the words in different contexts, and by using dictionary, thesaurus and digital</p> <p>✓ uses grammatical items appropriate to the context in speech</p> <p>✓ uses grammatical items as cues for reading comprehension on such as tense, reported speech, conjunctions, and</p> <p>Speaking <i>The learner</i></p> <ul style="list-style-type: none"> speaks with coherence and cohesion while participating uses language appropriate to purposes and talks on key contemporary issues like social justice, environment, gender, etc., in <p>Writing</p> <ul style="list-style-type: none"> writes diary expressing one's experiences <p>Listening <i>The learner</i></p>	<p>Teacher may use any resource from internet or any other source to showcase dialogues</p> <p>Here is one from NROER Come on Let us Dialogue https://nroer.gov.in/55ab34ff81fccb4f1d806025/file/5dc39f3516b51c73271bc03c https://nroer.gov.in/55ab34ff81fccb4f1d806025/file/5dc39f1016b51c73271bc039</p> <p>Two videos on writing. https://www.youtube.com/watch?v=MhMkKdWftwk https://www.youtube.com/watch?v=sPVYTjwXvcs https://www.youtube.com/watch?v=9MPIUAHV84o&t=61s https://www.youtube.com/watch?v=uW_zybiWlik&t=102s</p> <p>Use resources QR code of NCERT textbook and from NROER</p>	<p>Weeks 10 and 11</p> <p>Teacher asks learners to read out the dialogue from the textbook or learners may read the dialogue with their sibling or parents.</p> <p>Teacher may create some more dialogues. Some with gaps so that learners can fill them up.</p> <p>Teacher gives an illustration of a diary citing from <i>Anne Frank's Diary</i>.</p> <p>Provides an engaging experience of writing through the process approach to writing – jotting down the point, making an outline, writing the first draft, editing and proof reading and writing the final draft. (Refer to Process Approach to writing given above)</p> <p>Teacher should engage learners to write at least three or four diary writing tasks.</p> <p>Teacher directs the learners to do the listening activity from the textbooks (p. 59)</p>
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<ul style="list-style-type: none"> listens to announcements, instructions, read-aloud texts, audio, videos for information, 		
<p>details; responds by answering questions accordingly.</p> <ul style="list-style-type: none"> listens to and discusses literary / non-literary inputs in varied contexts to infer, <p><i>The learner</i></p> <ul style="list-style-type: none"> interprets ideas and theme of the poem and uses the literary devices. Appreciate literary language / poetry <p>Revision of lessons /</p>	<p>Poem <i>Amanda!</i> Learners listen from the audio book (NCERT). https://ciet.nic.in/pages.php?id=firstflight&ln=en Use the resources mentioned above and teacher's own.</p>	<p>One of the learners / siblings read out the text and the other learner completes the task.</p> <p>Week 12 (First Four days) Teacher makes the learners read the poem at least three times and the do the tasks. Week 12 (Last two days) Teacher revises the lesson / competencies learnt so far. May use this time also for formative / period assessment.</p>

Subject :Social Science		
Grade :10		
<i>Learning Outcomes</i>	<i>Sources and Resources</i>	<i>Subject-wise Weekly Academic Calendar (to be guided by</i>

<p><i>The learner</i></p> <ul style="list-style-type: none"> describes the Salt March and explains its significance in Indian history demonstrates understanding of principles of non-violence and its impact on the national movement analyses the effectiveness of Gandhiji's non-violent means to achieve freedom from British colonialism. 	<p>Textbook in History for Class X <i>India and the Contemporary World- II</i> Theme: Rise of Nationalism in India QR Code In the chapter 'Rise of Nationalism in India' p.29 Mahatma Gandhi in South Africa NCERT Official, Youtube <i>Mahatma Gandhi - Visuals/ Audio/ Videos in NROER Repository</i> https://nroer.gov.in/582ead6916b51c01da6b8887/file/ Mahatma Gandhi in South Africa http://gandhi.southafrica.net/TheJallianwallaBagh as Struggle Video 483, NCERT official, YouTube</p>	<p>Week 5</p> <p>Focus will be on The Salt March and the Civil Disobedience Movement; Why Different Social Groups Participated in the Civil Disobedience Movement; the Idea of Swaraj ; The Limits of the Movement.</p> <p><i>Activity 1</i> Warming Up Session Through Discussion Students have already been familiarised with the Salt march in the previous week. Teacher may ask students to reflect on the following questions and write down their views: ✓ Identify some issues/reasons in current times when people have</p>
<ul style="list-style-type: none"> identifies different icons and symbols that created sense of collective belonging. 	<p><i>Champan Mein Gandhiji ka Aagman</i> NCERT Official, youtube <i>Live Discussion on Civil Disobedience Movement</i> NCERT, You Tube <i>Gandhi Ashram at Sabarmati</i></p> <p>https://gandhianshramsabarmati.org/en/ <i>How Mahatma Gandhi Changed Political Protest</i> https://www.nationalgeographic.com/culture/people/reference/mahatma-gandhi-changed-political-protest/ The Great Salt March Part I and Part II From the Archives of Doordarshan https://www.youtube.com/watch?v=He_eIhIAw_8 Salt March Mar 12, 1930 - Apr 6, 1930 https://artsandculture.google.com/entity/salt-march/m0324lm?</p>	<p><i>Activity 2</i> Retracing Gandhiji's Dandi March through a Map Teacher may ask students to refer to the following resources: <i>Dandi March: Salt Satyagraha Mapping of Dandi March on The Salt March to Dandi</i> earth.google.com/web/@22.00435195 Students may thereafter be asked to locate the route of the Dandi March and identify significant places associated with the march on a map.</p> <p><i>Activity 3</i> Poster on Participation of</p>

	<p>categoryid= event&nl=en Dandi March: Salt Satyagraha Mapping of Dandi March on School Bhuvan NCERT Geo portal</p>	<p>Women in Civil Disobedience Movement in Different Parts of India An important feature of the Civil Disobedience Movement was the large-scale participation of thousands of women who came out of</p>
	<p>https://bhuvan-app1.nrs.c.gov.in/mh-rd-ncert/help/Dandi_march.pdf The Salt March to Dandi earth.google.com/web/@22.00435195</p>	<p>Students may identify on a map significant places associated with the Civil Disobedience Movement. This</p> <p>Week 6 <i>Activity 1</i> Questions and Answers Students may be given some time to read 3.2 and 3.3 on p. 41-45. Teacher may then ask students to write down answers to the following questions: ✓ Why did some of the rich peasant communities become enthusiastic supporters of the Civil Disobedience Movement? ✓ How did Swaraj appeal to different social groups?</p> <p><i>Activity 2</i> Preparing a Comparative Chart on the Non-cooperation Movement and the Civil Disobedience Movement This activity will help students to highlight significant events and help them to draw parallels between the two Movements. Students may be asked to create two columns (vertical) on a chart paper. One column for the Non-cooperation</p>

		<p>names of leaders, effects of protest, spread of the movement, did the movement have desired effect? At the bottom of the chart students may include a short comparative analysis of the spread of both the Movements in different parts of the country and how people responded to the call for <i>Swaraj</i>—which meant different things to different people.</p> <p><i>Activity 3</i> Visual Representation of identifying Symbols of Nationalism As the national movement spread, there emerged a number of icons and symbols in unifying</p>
<p><i>The learner</i></p> <ul style="list-style-type: none"> explains cause and effect relationship between phenomena, events, and their occurrence, for example, analyses the impact of overuse of natural resources, such as, 	<p>Textbook- <i>Contemporary India -II</i> Chapter 3: Water Resources Web Resources</p> <ul style="list-style-type: none"> Online E-learning portal School Bhuvan NCERT. QR Code <i>Dictionary of Geography for Schools (Trilingual) (Hindi-English-Urdu)</i> http://www.ncert.nic.in/publication/Miscellaneous/pdf_files/tidog101.pdf <p><u>Web Resource</u></p> <ul style="list-style-type: none"> Online E-learning portal School Bhuvan NCERT. 	<p>Week 7</p> <p>Themes- Water scarcity and need for water conservation and management</p> <ul style="list-style-type: none"> Teacher may initiate the topic by asking students to prepare a write up on usage of water and issues related to potable water in their own locality during summers. Student may share the write up with the teacher and

<p>ground water.</p> <ul style="list-style-type: none"> • demonstrate s inquisitiveness, enquiry, for example, pose questions related to the scarcity of potable water. • extrapolates and predicts events and phenomena, for 		<p>the teacher and classmates through email or WhatsApp.</p> <ul style="list-style-type: none"> • Teacher may take cue from their write up and discuss about different types of water sources in India and scarcity of water due to overuse and misuse of fresh water. • Students may consult atlas and School Bhuvan NCERT portal for locating fresh water sources e.g. rivers and lakes in India. • Students may
		<ul style="list-style-type: none"> • Students can open administrative map of India showing state and district boundary layer on the portal to observe location of Topic- Rainwater harvesting • Students may be sensitised towards misuse and overuse of water resources. • Student may collect information about traditional methods of water harvesting in ancient India from the textbook and prepare a write up and share with teacher and classmates. • Student may be encouraged to draw a sketch of roof-top water harvesting system to explain

<p><i>The learner</i></p> <ul style="list-style-type: none"> describes different political parties in India and their role explains the role of election commission develops materials showing different parties in India materials and prepare write-ups on founders of political parties in 	<p>Theme: Political Parties NCERT/STATE TEXTBOOKS Sources YouTube E-content Other state textbooks Newspapers and Magazines Swayam Prabha channel Radio and T.V. discussion on the theme. Question papers of the last five years.</p>	<p>Weeks 9 and 10</p> <p>Define political parties and their role in shaping democracy. Share the write-up with your friends. Write a short note on the Election Commission of India Prepare a chart on different Political Parties along with their symbols. Write in five hundred words on: -Two Party System -Multi party system Discuss with your parents on what the challenges to the</p>
<p><i>The learner</i></p> <ul style="list-style-type: none"> explains the income as an indicator of economic development uses some simple statistical tools (bar and pie) to analyse development al indicators recognises the need to evolve criteria to classify economic activities, enterprise and people appreciates 	<p>Chapter 2: Sectors of the Indian economy NCERT Textbook <i>Understanding Economic Development</i>, Social Science Textbook for Class X (https://ncert.nic.in/textbook.php?jess2=0-5)</p> <ol style="list-style-type: none"> 1. <i>Trilingual Dictionary of Economics for Schools</i> (https://ncert.nic.in/pdf/publication/otherpublications/Dic_Eco.pdf) 2. Economic Survey reports for various years (https://www.indiabudget.gov.in/economicsurvey/allpes.php) 4. Live Phone-in- programme interactive session programme videos telecasted from Swayam Praba Channel. Links https://www.youtube.com/watch?v=9qoI1DD_5wQ - GDP and sectors of the Indian economy - 1 	<p>Week 11</p> <ol style="list-style-type: none"> 1. This topic can be taught over a period of five working days of 30- 35 minutes. 2. During the first session, students can be encouraged to read the chapter. Underline important technical terms used in the chapter and find out their explanation given in the trilingual dictionary whose link is given. 3. Students can share the questions and doubts about various parts of the chapter. 4. Students can be encouraged to watch the videos whose links are given
<ul style="list-style-type: none"> examines changes in Gross Domestic Product over the last 4-5 decades in India and across three sectors 	<p>https://www.youtube.com/watch?v=yymb8IIRNH4 - GDP and sectors of the Indian economy – 2</p>	<p>Week 12</p> <ol style="list-style-type: none"> 1. This topic can be taught over a period of five working days of 30- 35 mines. 2. During the first session, students can be encouraged to read the chapter. Underline important technical terms used in the chapter and find

<p><i>The learner</i></p> <ul style="list-style-type: none"> understands barter system and how money came into being defines money, double coincidence of wants, credit, interest rate, collateral and formal and informal sources of credit explains the role of banks in an economy analyses different sources of credit based on statistical data uses bar and pie diagrams to explain the sources of 	<p>Chapter 3 Money and Credit</p> <ol style="list-style-type: none"> 1. <i>NCERT Textbook – Understanding Economic Development, Social Science Textbook for Class X</i> (https://ncert.nic.in/textbook.php?jess2=0-5) 2. <i>Trilingual Dictionary of Economics for Schools</i> (https://ncert.nic.in/pdf/publication/otherpublications/Dic_Eco.pdf) <p><i>Details of Indebtedness</i> – latest source of credit at the national level can be accessed from http://www.mospi.gov.in/sites/default/files/publication_reports/KI_70_18.2_19dec14.pdf</p> <p>Live Phone-in Programme sessions Links https://www.youtube.com/watch?v=zm-svH4oZc – money and credit 1 https://www.youtube.com/watch?v=PSzi4mLsHO4 – money and credit 2 https://www.youtube.com/watch?v=mJ2uT4V2-uY – money and credit 3</p>	<p>out their explanation given in the trilingual dictionary whose link is given.</p> <ol style="list-style-type: none"> 3. Students can share the questions and doubts about various parts of the chapter. 4. Students can be encouraged to watch the videos whose links are given and participate in the activities suggested in the videos including the assessment questions. 5. Students may be encouraged to watch websites of museums in which currency and coins are kept. 6. The statistical data related to sources of credit can be used to assess the students' data analysis skills
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