

CHOITHRAM SCHOOL, MANIK BAGH
ANNUAL CURRICULUM PLAN

TARGET GROUP: PRIMARY
CLASS/LEVEL: 4

MONTH: JUNE - JULY

Subject	Topic	Learning/behavioral Objectives	Skills/ Values	Resources / Teaching Aids	Activities/Process	UN sustainable goal if targeted	Special Talk/ Parents' Involvement/ Field trip	Assessment	Learning outcome
ENGLISH	L-2 When Lincoln Was A Boy Noun, Articles	<u>Specific Objective</u> This lesson will enable students to: <ul style="list-style-type: none"> • read the content fluently and with correct pronunciation, intonation , expression.(AP) • share their ideas about leisure – time activities(AP) • learn to write by adding details to make their description come alive(AP) • learn the meanings of phrasal verbs and be able to use them while writing(AP) <u>Behavioral Objective</u> This lesson will enable students to: <ul style="list-style-type: none"> • build the vocabulary by learning about relationship • sensitize them about beauty of nature • understand the importance of hard work • be kind to animals 	Reading Speaking Writing Listening	A documentary on Abraham Lincoln Ls 1 exercises in CD Clippings of forest, grapevine swing, splint, creek etc Rumpestilts kin https://www.youtube.com/watch?v=4cej-zJ76ns	Reading Skill <ul style="list-style-type: none"> ○ Explore on net about Abraham Lincoln. ○ Find out the childhood stories of great leaders like Mahatma Gandhi, Nelson Mandela ○ Read the lesson and underline the phrasal Verbs in the lesson Speaking Skill <ul style="list-style-type: none"> ○ Narrate a story that you read about great leaders ○ Discuss in class about the details about Abraham Lincoln ○ Role play between two friends on various situations Writing Skill <ul style="list-style-type: none"> • The leader who has influenced me the most Listening Skill <ul style="list-style-type: none"> ○ Worksheet based on listening skill ○ A documentary would be shown to the students and the questions would be asked based on it. 			Loud Reading, Listening Worksheet	At the end of the lesson, the students will be able to: <ul style="list-style-type: none"> • read the content given in the lesson comfortably, fluently and with expression and then express how they felt while reading different parts of the story. • draw inferences from the text given in comprehension sheets on their own. • enrich their vocabulary with the new words learnt from the lesson and construct sentences using them. • speak confidently in discussions and express themselves well while narrating folk tales.
	L-3 Taro and His Grandmother Pronoun	Specific Objectives : This lesson will enable students to : <ul style="list-style-type: none"> • develop their reading skills by reading of the lesson.(Kn) • enhance their reading comprehension through book exercises and questions and answers.(C) • develop their oral expression through discussion and story narration of folk tales.(C) • summarise the story in their own words.(C) 	Reading Speaking Writing Listening	Videos of folktales to be shown	Warm up Activity <ul style="list-style-type: none"> ○ The students will be asked to solve some riddles given in the textbook as well as in the worksheet(situations and riddles will be given to find a solution). ○ Word Web of Qualities of Grandparents - The students will be asked to list out the qualities of their grandparents. • Discussion on “My grandparents are very good at.....” The students will be asked to speak		Visit to an old age home Students will be visiting an old age home and further write their experiences	Assessment based on Story Narration, Paragraph Writing	<ul style="list-style-type: none"> • summarise the story in their own words. • add details and ideas to a story to give it more meaning and direction. • understand the use of prefixes and suffixes to form new words. • make use of powerful verbs in place of the

		<ul style="list-style-type: none">construct stories of their own using the beginning of a story given to them.(S)enrich the vocabulary of the students with new words from the lesson. (K)construct sentences using new words learnt.(S)understand the meaning of the different prefixes and suffixes.(C)use appropriate prefixes and suffixes to form new words or to change the function of words.(Ap)use powerful verbs in place of the given verbs to make the action more specific.(An)develop their listening comprehension by listening to a story and thereafter sequencing the events mentioned in the story. (C) <p>Behavioral Objectives : This lesson will enable students to:</p> <ul style="list-style-type: none">cite examples that show wisdom of their grandparents.(Kn/C)relate the actions of Taro’s grandma to that of their own grandparents.(C/An)understand how wisdom can solve problems.(C)understand how hasty decisions can be a threat to oneself as well as to others.(C)value the role of grandparents in their lives and see them as assets and not liabilities.(Ev)learn from their own as well as other’s experiences too.(Kn)understand that wisdom comes over a period of time and with experience.(C)reflect upon how they felt while reading parts of the lesson and support their feelings with reasons.(An/Sy)relationshipsValue the company of siblingsUnderstand the importance of friendsDevelop leadership qualitiesUnderstand importance of mother in one’s life			<p>about things which their grandparents are very good at.</p> <ul style="list-style-type: none">Model Reading, Reading by the Students, Discussion and Explanation The teacher will model read the lesson followed by reading by students and further discussion and explanation by the teacher.Spin a Yarn (Building up stories) The students will be given the beginning of a story and then one by one each student will be given a chance to add lines to it and stretch it further to create a story.Folk Tale Narration The students will be asked to narrate a story of their choice.Riddle Time Students of all the six sections will sit together for a riddle session.Visit to an old age home Students will be visiting an old age home and further write their experiences. <p>Activities</p> <ul style="list-style-type: none">The students would be watching the movie “The Jungle Book” by Rudyard Kipling. (Value Based Activity) <p>Reading Skill</p> <ul style="list-style-type: none">Read the lesson and underline the commonly confused words <p>Speaking Skill</p> <ul style="list-style-type: none">Speak about “My Favourite Animal”Discussion on strength and weakness of oneself <p>Creative Writing</p> <ul style="list-style-type: none">Write qualities of various characters in the lesson and mention your favourite character with a reason <p>Listening Skill</p> <ul style="list-style-type: none">List to the facts on animals and answer the questions asked by the teacher.Dictation			<p>given verbs to make the meaning much clear.</p> <ul style="list-style-type: none">understand the listening text and then sequence the events in the correct order.establish relation between their grandparents and that of Taro’s grandma.value the role of grandparents in their lives and consider them to be an asset for them.understand the need to avoid taking important decisions in haste.understand how wisdom can get concrete solutions for problems and that wisdom comes with experience.value the things they’d learnt from their as well as other’s experiences.express which parts of the lesson made them feel sad, happy, angry, etc. supported by reasons.	
HINDI	व्याकरण वर्णमाला, भाषा, मात्राएँ	भाषा की शुद्धता हेतु व्याकरणिक ज्ञान बढ़ाना विशिष्ट उद्देश्य:	कौशल, वाचन कौशल	https://www.youtube.com/watch?v=XqEfeEzaulc	गतिबोध: मौखिक तरह-तरह की गेंद गेंदों के अनेक रंग-रूप होते हैं। अलग-अलग खेलों में अलग-अलग प्रकार की गेंदों का इस्तमाल किया जाता है। नीचे दी गई जगह में खेलों के अनुसार	Patnershi ps for the goals		वचन करना उच्चारण, गति व विराम	खेल भावना परिलक्षित हुई। भाईचारा एवं सद्भाव की सीख का संचार प्रदर्शित हुआ सूझ-बूझ और बुद्धिमत्ता द्वारा समस्या का समाधान करने में कुशलता प्रदर्शित हुई।

	<p>किरमिच की गेंद कौशल, वाचन कौशल व्याकरण—संज्ञा, सर्वनाम एवं विशेषण पुनर्अभ्यास, विराम चिह्न</p> <p>स्वतंत्रता की ओर कौशल: लेखन+ श्रवण व्याकरण: संज्ञा व संज्ञा के भेद</p>	<ul style="list-style-type: none">स्पष्ट उच्चारण, उचित गति व विराम के साथ वाचन ज्ञानविराम चिह्न का प्रयोग ज्ञाननए शब्दों का प्रयोग, शब्दाकोश विकसित करना। ज्ञान <p>व्यवहारिक उद्देश्य : खेल भावना(उत्साह, मनोरंजन, हर्ष) भाईचारा एवं सदभाव की सीख— समझ सूझ-बूझ और बुद्धिमत्ता द्वारा समस्या का समाधान समझ वाक्पटुता समझ मित्रता का भाव निर्णय लेने की क्षमता समझ</p> <p>स्वतंत्रता शब्द का अर्थ व इसके लिए किए गए प्रयासों से अवगत कराना। ज्ञान ब्रिटिश सरकार द्वारा किए गए दुराचारों के बारे में बताना। ज्ञान 'स्वतंत्रता',कातते,खादी,चरखा आदि शब्दों के अर्थ से परिचित कराना। ज्ञान चिंतन कौशल विकसित करना। समझें संज्ञा व संज्ञा के भेद से परिचित होना । ज्ञान विशिष्ट उद्देश्य: स्वावलंबी होने की प्रेरणा देना। ज्ञान दश प्रेम,कर्तव्यनिष्ठा,सहृदयता आदि नैतिक मूल्यों का विकास करना। समझ सत्य व अहिंसा के मार्ग पर चलने हेतु प्रेरित करना। ज्ञान</p>	लेखन+श्रवण		<p>गंदी की सूची बनाओ। किकेट किरमिच</p> <p>पहचान: 1 आपका कोई खिलौना खो गया है,खिलौने की पहचान के लिए अपने साथियों को कौन- कौन सी बातें बताओगे? 2 कौन-कौन सी सब्जियाँ बेल और पौधे पर लगती हैं? लिखिए।</p> <p>बेल पौधा खोजो आस-पास: 1 पता लगाओ कि इन शब्दों में क्या अंतर है? टहनी-तना बेल-पौधा गतिविधि 1 – पिंजरे में बंद पक्षी / आकाश में उड़ता पक्षी (चर्चा) चर्चा के पश्चात छात्रों को स्वतंत्रता का अर्थ समझाया जाएगा। गतिविधि 2 – पाठ का वाचन (छात्रों को समूह में बाँटकर एक – एक समूह से वाचन करवाया जाएगा व पाठ में निहित अर्थ को समझाने को कहा जाएगा) गतिविधि 3— चित्र वर्णन (दांडी यात्रा / साबरमती आश्रम) देशभक्ति से संबंधित कहानियाँ सुनाना या संबंधित ऑडियो सुनाना— गतिविधि 4 – गांधी जी का चदि चौथा बंदर होता तो वह क्या संदेश देता ? (समीक्षात्मक प्रश्न) गतिविधि 5 – आपको क्या लगता है कि धनी सही है या गलत ? (लेखन कौशल) गतिविधि 6 – रैली निकालना</p>			<p>कार्यपत्रक स्वतंत्रता से संबंधित कहानी सुनकर प्रश्नों के उत्तर लिखेंगे। रुचि ग्राह्यक्षमता</p>	<p>मौसम व ऋतुओं का ज्ञान हुआ। मित्रता का भाव प्रदर्शित हुआ। निर्णय लेने की क्षमता विकास हुआ। स्पष्ट उच्चारण, नए शब्दों का प्रयोग में निपुणता आई। शब्दाकोश विकसित हुआ।</p> <p>स्वतंत्रता शब्द का अर्थ समझ सकेंगे। महात्मा गांधी व अन्य क्रांतिकारियों के प्रयासों से अवगत हो सकेंगे। महात्मा गांधी के बताए रास्ते सत्य और अहिंसा को अपने जीवन में लागू कर सकेंगे। वे स्वावलंबी बनने की भावना से प्रेरित हो सकेंगे। आश्रम के ही लोगों की तरह अपने दैनिक जीवन के छोटे – मोटे कार्य को स्वयं कर सकने की प्रेरणा ले सकेंगे। व्याकरण के अंतर्गत वे संज्ञा व संज्ञा के भेद को जान सकेंगे।</p> <ul style="list-style-type: none">अपठित गद्यांश को समझ सकेंगे व उनके आधार पर प्रश्नों के उत्तर दे सकेंगे।प्रेरणा ले सकेंगे। <p>स्वमूल्यांक</p>
MATHS	Numbers	<p><u>SPECIFIC OBJECTIVES</u> : Students will be able to</p> <ol style="list-style-type: none">to understand the Place Value Chartto classify the numbers & distinguish according to periods and place valueto write numerals for given number name using commas.to demonstrate the place value of the given digit in a numberto use the concept of place value (expanded & short form).to form greatest & smallest number with given digitsto know predecessor & successor of given numberto do skip countingto compare and arrange the numbers in ascending and descending order <p>Behavioral Objectives Students will be able</p> <ol style="list-style-type: none">to understand that large numbers are used in daily life (writing scholar number, reading fitness band, price tag of an electronic gadgets, distances between cities in km).to relate place value with real life situations.	Understand- ing, analysis , application Logical, Reasoning Estimation observation,	Referen ce books, video, games,	<p><u>Introductory Activity</u> : Activity 1 paper strips with square boxes Activity 2- Board Game Activity 3-Even Odd game Video : https://youtube/FM-ExLV6d-s Activity-4 : deposit slip Activity 5- Outdoor activity Activity-6 : Ascending and descending order Activity- 7 – Estimation Activity- 8 –Birthday Party Activity- 9 – Activities to develop thinking skills Assessment activity</p>	Life on land- Students will find out the number of extinct birds of different places and compare.	Workshe ets And activities and critical thinking question.	<p><u>Learning outcomes:</u></p> <p>*Students will,</p> <ol style="list-style-type: none">understand the Place Value Chartclassify thenumbers & distinguish according to periods and place valuewrite numerals for given number name using commas.demonstrate the place value of the given digit in a number.use the concept of place value (expanded & short form)form greatest & smallest number with given digitsknow predecessor & successor of given numberdo skip countingcompare and arrange the numbers in	

		3.To understand that comparison is done to find greater or smaller 4.to relate successor and predecessor (with relation between family members, time days, months, seasons) 5.to understand expanded and short form (abbreviations, used in deposit slips etc) 6.to correlate concept of skip counting (in basketball for points, counting money, numbers marked on a clock) 7.to understand that comparison is done to find greater or smaller. 8.to do estimation in real life situations and express the answer in round figures							ascending and descending order 10.round Numbers to nearest 10, 100 & 1000 11.relate with real life situations
	Roman Numbers	1. To Recognize symbols for Roman Numbers(K) 2. To list common roman numerals.(K) 3.To Read and write roman Numbers 1-100(U) 4.Know the rules of writing Roman numerals(U) 5.To Change the given Roman Numbers in Hindu- Arabic Numbers(Ap) 6.To Change the given Hindu- Arabic numbers in Roman numbers(Ap) 7.To check whether the given Roman Numeral is appropriate(An) <u>Behavioural Objectives-</u> 1.Develop logical thinking 2.to relate that where all you can use roman numbers in real life-Clocks, court houses, after name of historians Alexander people example, number of chapter, Wrestle –mania XXXIII 3.to understand that it is another way to express numbers.	Understanding, Analysis, Application Students will develop team spirit while working in groups		Introductory Activity- Activity 1-(Discussion) Procreative images depicting Roman Numerals Activity 2- Worli Art Activity 3- lets learn through matchsticks Activity 4- Puzzle by Roman Numbers Critical Thinking Activity- Rearrange only one match stick to correct the following-			Worksheets critical thinking questions, observation, activities	Students will- <ul style="list-style-type: none"> Recognize symbols for Roman Numbers(K) list common roman numerals.(K) Read and write roman Numbers 1-100(U) Know the rules of writing Roman numerals(U) Change the given Roman Numbers in Hindu- Arabic Numbers(Ap) Change the given Hindu- Arabic numbers in Roman numbers(Ap) check whether the given Roman Numeral is appropriate(An)
SCIENCE	Chapter 1.The Green Plants	I - Specific Objectives Knowledge, <ul style="list-style-type: none"> Label different parts of a plant (K) What is photosynthesis What is food chain What is interdependence Parts of leaf What are saprophytic plants Who are epiphytes Green house effect 	Observational Analytical Sensitization (interdependence) Experimentation	Potted plants green and coloured plants 2. AV Resource Parts of plants and their functions	<ul style="list-style-type: none"> Warm up Activity (Knowledge) Students will be shown a plant with all the parts like leaf stem, roots, flower and fruit just to check the previous knowledge asking the parts along with their functions. 2. video on photosynthesis 	Goal -13 Climate Action	Talk by Rana Sir on gardening	Assessment: Activity- Students will be shown the image slide .They will be given time to draw the diagram as shown on a a pin page	The students will be able to: The students will be able to: Understand process of photosynthesis ++Understand components of food chain, plants as primary producer, consumer secondary and tertiary

	<ul style="list-style-type: none"> • Global warming • UNSDG <p>Understanding</p> <ul style="list-style-type: none"> • Functions of leaf • Understand how plants make food (photosynthesis) (U) • + Understand the things required for the process of photosynthesis i.e. CO₂, air, water, chlorophyll and sunlight. (U) • +Understand the food formed as carbohydrates/starch/ sugar as the final product and liberation of O₂ as the by- product of photosynthesis. (U) • +Understand how plants with coloured leaves they photosynthesize. (U) • +Understand the role of stomata during photosynthesis. (U) • Understand how and why some plants have adopted unusual food habits (U) • Understand why & how non-green plants have their nutrition differently (U) • Understand the edible parts of plants are the parts, stored with extra food. (U) • Understand the term interdependence & interdependence among plants and animals. (U) <p>Application</p> <ul style="list-style-type: none"> • Identify presence of starch, fats and proteins by simple tests. (App) • The food which we and other animals eat we get it from plants • Spotting food chains from surrounding • UN sustainable goals <p>Analysis</p> <p>+ Differentiate between uses of plant and interdependence of plants and animals on each other. (Food chain) (An)</p> <p>What will happen in absence of any level of the food chain?</p> <p>Why it is important that food chain should not break?</p> <p>What will happen in absence of plants on our planet.</p> <p>What will happen if leaves do not get any one/two /all ingredients such as as</p>	<p>https://www.youtube.com/watch?v=xO8hrqDuMmY</p> <p>Photosynthesis</p> <p>https://www.ghw.youtube.com/watch?v=SBqkeTrwwLYfrom</p> <p>3. Fresh Leaves with clear venation and other parts</p> <p>4. Images of different food chain</p>	<p>3. Activity Experiment ++</p> <p>Activities to show the presence of starch, fats and proteins by simple tests.</p> <p>4. video on unusual plants.</p> <p>5. Activity- To grow mould on bread.</p> <p>6. Discussion on Inter- dependence :</p>			<p>.Activity-</p> <p>Role play (Group activity)</p> <p>The students will be asked to prepare food chains. The student will make a mask/head gear to represent animals of the food chain. They will present food chain in front of their peers.</p>	<p>consumers</p> <p>Appreciate plants as our green friends</p> <p>Respect plants and other living animals for coexistence in environment</p> <p>Understand interdependence among plants and other animals</p> <p>Correlate consequence of human activities on environment</p> <p>+++understand some environmental issues of concern at global level</p> <p>Motivated to grow more plants for future</p>
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		<p>water, air or sunlight? Hots – What will happen if the bread is kept covered in summer, winter or in rainy season?</p> <p>Synthesis Evaluation Key points</p> <ol style="list-style-type: none">1. What are the things required for photosynthesis? (only presence of sunlight is required).2. Comparison of photosynthesis in green and non-green plants.3. Why plants are called our green friends?4. Why insectivorous plants behave differently?5. How plants with coloured leaves make the food?6. Mutual interdependence of plants and animals on each other.7. Role of stomata.8. Producer, Primary, secondary and tertiary consumer, green friends, co-existence.9. How indoor plants survive? <p>II - Behavioral Objectives The students will be able to- + Development of terminologies concept wise.-photosynthesis,food chain ,producer,consumer ,tertiary consumer ,green friends,coexistence,green house effect,global warming,non green plants.,epiphytes, , unusual plants,carnivorous plants etc..... Importance of plant for us and for all other living beings. Sensitizing towards environment by saving our green friends Appreciating nature for providing basic needs as food and shelter for all living organisms Understand environment as a huge family +how human activities are causing threat to imbalancing of the environment, it.s consequences.... +reflect some understanding of the gobal issues which are of great cocern to the planet.</p>						
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	Chapter -3 Animals and their young ones	<p>Specific objectives-</p> <p>Knowledge-</p> <ul style="list-style-type: none"> Know different ways of reproduction in animals like : 1) by egg laying(viviparous) 2) by giving birth to young ones.(oviparous) Know about different egg laying animals. List different parts of an egg and their functions. Know in brief about different animal groups. Know about marsupials. <p>Understanding-</p> <ul style="list-style-type: none"> Understand the meaning and need of reproduction for continuity of a species. Understand the term “life cycle” in animals, incubation, metamorphosis hatching, moulting, nymph, pupa, mammals ,marsupials . Learn about the life cycles of – birds, cockroach, frog, butterfly, hen. Understand reproduction in reptiles and mammals. Understand features of mammals & adaptations in aquatic mammals Learn taking care of young ones in mammals. <p>Analysis</p> <ul style="list-style-type: none"> To compare the way of reproduction in oviparous and viviparous animals. Analyse the 3 basic and an additional 4 th stage of the life cycle in some insects. To compare the parental care in different mammals especially in marsupials <p><u>Behavioural objectives</u></p> <p>Students will able to -</p> <ul style="list-style-type: none"> Appreciate the parental care given by most of the animals to their young ones and relate it with human beings. <p>* Understand mode of reproduction in animals.</p> <p>* Develop understanding about stages of development.</p>	Observatio -nal Analytical , Sensitizati -on communic -ation	<p>Videos of life cycles of different animals.</p> <ul style="list-style-type: none"> https://www.youtube.com/watch?v=0bqMTyzTKCU Butterfly https://www.youtube.com/watch?v=O1S8WzwLPIM Hen- https://www.youtube.com/watch?v=T93Qp3JLrFA&index=1&list=PL_Ubytuq5ivynq47yB10v_i77bBD_vIQ Frog metamorphosis song- https://www.youtube.com/watch?v=DRTnN0TSDO4 Cockroach- Animals and their young ones https://www.youtube.com/watch?v=189-nxBrsqI Parental care in animals video- https://www.youtube.com/watch?v=f_NX3EeBmMg 	<p>1.Warm up activity-</p> <ul style="list-style-type: none"> (Introduction of the term Reproduction) <p><u>Activity</u></p> <ul style="list-style-type: none"> Video on life cycles of cockroach, butterfly, frog, reptiles, mammals followed by discussion. Students will be shown a picture of an egg <p><u>Activity</u></p> <ul style="list-style-type: none"> Video on parental care.(kangaroo, monkeys) Video on animals and their young ones. 	Life on land		<p><u>Assessment activity (individual)</u></p> <p>Making life cycle of different animals. (Hangings)</p>	<p>The student will –</p> <p>Students will- Understand the need of reproduction.</p> <ul style="list-style-type: none"> Learn the ways of reproduction in animals as- 1) by egg laying 2) by giving birth to young ones. Know about different animal groups. Identify different egg laying animals. Understand the structure of egg. Learn the “life cycles” in animals like cockroach, frog, butterfly, hen. Understand reproduction in reptiles and mammals. Learn to take care of young ones by mammals and other animals. Know about the marsupials. Learn change is a natural and continuous process in our life. <p>• Aware to protect all the living organisms on earth to maintain life on earth. Learn some terminologies like- incubation, metamorphosis hatching, moulting, nymph, pupa, mammals ,marsupials</p>
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	<p>Chapter-2 How plants survive</p>	<p>I - Specific Objectives The students will be able to -</p> <p>Skills Knowledge +know the meaning of adaptation ,habitat, terrestrial plants, deciduous trees, conifers, evergreen trees, xerophytic plants, mangrove trees, aerial or breathing roots, terminology like aquatic plants(floating, fixed, underwater plants), insectivorous plants, saprophytes, epiphytes and biofuels.) Know unusual facts about plant.</p> <p>Understanding +understand importance of adaptations. +Understand adaptations found in plants found in plains, in the mountains, deserts, swamp and in coastal areas. +Understand the meaning of modifications in plants. +Will be able to categorise aquatic plants as fixed.floating and underwater , with modifications found in them. +Why and how some plants show unusual behavior for nutrition. +Why some plants are carnivorous despite having chlorophyll. How nutrition takes place in non green plants +How nutrition takes place in epiphytes with the help of their leaves and roots How biofuels can be made of plant waste +How are plants useful plants like insectivorous plant, non-green Understand nutrition in unusual plants etc</p> <p>Application Explain adaptations in plants found in different habitats to survive. Identify the adaptations found in plants like thorns, needle shaped leaves, air spaces, breathing roots etc.</p> <p>Analysis +Students will be able to analyse role of roots in plants found in different habitats like deserts, swamp, aquatic and epiphytes +How aerial roots are different from roots</p>	<p>Observational Analytical Sensitization (interdependence) Experimentation</p>	<p>Resources •Plants with different habitats https://youtu.be/vXRzEO3CPX0, How they Adapt to their Habitats - YouTube (360p),https://www.youtube.com/watch?v=bmBJRjjk_RE •Pictures of plant •Plants with adaptations •https://www.youtube.com/watch?v=Mbj_WQ76F1Q •https://www.youtube.com/watch?v=1CdKo1269-c, https://www.youtube.com/watch?v=iHlKhKCg6E •Video on insectivorous plants and non-green plants https://www.youtube.com/watch?v=1CdKo1269-c, https://www</p>	<p>Warm up activity: Students will be discussed in detail about the different body features (adaptations) in plants.</p> <p>Story telling Life connect (Story-about cactus and marigold)</p> <p>Research task : To search basic difference between the thorn and spine.</p> <p>A video clip will be shown for different adaptations in plants</p> <p>Students will be shown pictures followed by video clip about insectivorous and non-green plants</p>	<p>Life on land</p>	<p>Activity-Sowing of seeds.</p>	<p>Assessment Role play Group activity :The students will be divided in the groups and will be asked to role play for adaptations in plains, mountains, desert ,swamps ,aquatic habitats, unusual plants The students will be told about the parameters for the assessment of this group task.as follows ;</p> <p>Identification of adaptations in plants</p>	<p>The students will be able to: +understand adaptation and its importance. •Learn different adaptations in plants for living comfortably in Different habitats •Learn special mode of nutrition in insectivorous and non-green plants and its need. •Appreciate plants as our green friends. +Learn different modes of nutrition in non- green plants, and in epiphytes +Differentiate role of roots in different habitats as per the need for the survival. + be able to understand that one can survive even in odds with some changes (those could be behaviour, habits etc....)</p>
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		<p>people living in mountain regions.(U)</p> <ul style="list-style-type: none"> Correlate the role of Himalayas with the role of the elder members in the family(providing protection and stand as pillars in time of difficulty) (U and ANN) Realize that everything has a purpose(what if Himalayas were not there) (U and ANN) How to adapt and adjust in the different environments(U) 		S https://www.youtube.com/watch?v=A-9Es88Upvo					
	Ls.3-The Northern Plains	<p>Learning Objectives: The student would-</p> <ul style="list-style-type: none"> Understand what Plains are. (U) The extent of the northern plains(K) Comprehend that they are the most fertile land(U) Northern plains as one of the most populated region (K) The perennial rivers flowing through them(K) Development of civilizations in these areas since the ancient times(K) Learn about the river Basins(K) Gather information about Delta (K) Know about the three major river Basins-Indus, Ganga ,the Brahmaputra (K) States that exist on these Basins (K) Locate the three river basins (App) Learn about the life of the people ,their major occupation, their culture (k) Know of the cultural and religious heritage of the rivers and the various monuments (K) Will mark the rivers on the map (APP) <p>Behavioral Objectives:</p> <ul style="list-style-type: none"> Realize the importance of water in the settlement of life through ages (U) The need to conserve this valuable source of life(APP) Conservation of natural resources(APP) Make connections as to why the rivers in our country considered sacred (U) <p>* Realize that many external factors contribute in making our mind fertile the way rivers make the soil in the plains fertile. (U)</p>	Knowledge Research	<p>Scrap book,Map, Videos Links</p> <p>https://www.youtube.com/watch?v=ICUz822oKPY&t=606s</p> <p>https://www.youtube.com/watch?v=Sq3Bh3RSUkA&t=35s</p> <p>https://www.youtube.com/watch?v=y_O3Ec6HSA</p> <p>https://www.youtube.com/watch?v=6R4y2HNn-fQ</p>	<p>Activity 1: Group Discussion</p> <p><i>Activity 2 A group Activity will be conducted where they will be divided into various groups and will be assigned with some topics</i></p> <p><i>Activity 3 Various vedios will be shown to them</i></p> <p><i>Activity 4 A debate activity will be conducted on the topic “ Protecting of the rivers from being polluted”</i></p>			<p>Activity</p> <p>Group Discussion: comparative study of the life in mountains and the people in Northern Plains on the basis of various topics will be conducted</p> <p>Assesment Map Work</p>	<ul style="list-style-type: none"> The students will come to know about the plains and their location They will explain the reasons of why the northern plains are mostly populated Realize the importance of three river basins and locate them . Display their learning about the cultural and religious heritage of the states lying on the plains.

	Ls.4-The western Desert	Learning Objectives: The lesson is planned to achieve the following objectives- <ul style="list-style-type: none"> • Meaning of desert and its features(U) • Marking the location and the extent of the Thar desert (APP) • The extreme climatic conditions(U)) • The scarcity of water and the reasons fo9Kr it (U) • The vegetation and wildlife in this region(K) • Life of the people in these regions (K) • Culture in the desert (U) Behavioral objectives: The students will get <ul style="list-style-type: none"> • To learn to adapt and adjust in the extreme climate(APP) • Sensitized to the hardships the people living in the desert and be thankful to what they have.(ANN) • Encourage and appreciate the beauty of desert • Understand the value of water and take a pledge not to waste it (U) Learn to make the handicrafts and the appreciate the work. (APP)	Observation Map Legends Presentation	Links https://www.youtube.com/watch?v=FykFUlvmqH8&t=421s (Documenta-ry)	Activity 1 <i>The students will be shown various vedios</i> Activity 2 <i>Various questions will be asked by the students</i> Activity 3 <i>Tie And dye activity will be conducted</i> Activity 4 <i>A Collage activity will be conducted</i>		Parents Involvement Exhibition on Culture and Desert		The Students will: <ul style="list-style-type: none"> • Explain about the location and extent of the desert • Reason out the causes of its extreme climatic conditions • Realize The importance of water and its conservation • Be sensitive towards the hardships • Enjoy the culture of desert.
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MONTH: AUGUST

Subject	Topic	Learning/behavioral Objectives	Skills/ Values	Resources / Teaching Aids	Activities/Process	UN sustainable goal if targeted	Special Talk/ Parents' Involvement/ Field trip	Assessment	Learning outcome
ENGLISH	L-4 Mowgli Meets His Family, Poem – Mish Mash Verb + Types of Sentences	<p>I - <u>Specific Objectives</u></p> <p>This lesson will enable students to:</p> <ul style="list-style-type: none"> comprehend story and write it in their own words (C) modulate voice by playing roles of various animals of the Jungle Book through drama (K) compare between easily confused words and frame them in sentences.(E) identify adjectives in the lesson and use various adjectives in their written work (K) enrich vocabulary in context to the wild life (S) Summarize the story (C) <p>II - <u>Behavioral Objectives</u></p> <p>This lesson will enable students to:</p> <ul style="list-style-type: none"> Compare life of Mowgli with their life and realize about the comforts they are blessed with Explore their qualities and weakness Be helpful to others Not to be scared in difficult situations Be excited for the adventures Understand the importance of relationships Value the company of siblings Understand the importance of friends Develop leadership qualities Understand importance of mother in one's life 	<p>Reading</p> <p>Speaking</p> <p>Writing</p> <p>Listening</p>	<p>Mowgli https://www.youtube.com/watch?v=fCFbRebWc2w</p>	<ul style="list-style-type: none"> The students would be watching the movie “The Jungle Book” by Rudyard Kipling. (Value Based Activity) <p>Reading Skill</p> <ul style="list-style-type: none"> Read the lesson and underline the commonly confused words <p>Speaking Skill</p> <ul style="list-style-type: none"> Speak about “My Favourite Animal” Discussion on strength and weakness of oneself <p>Creative Writing</p> <ul style="list-style-type: none"> Write qualities of various characters in the lesson and mention your favourite character with a reason <p>Listening Skill</p> <ul style="list-style-type: none"> List to the facts on animals and answer the questions asked by the teacher. Dictation 			Worksheet based on listening and writing skill (Based on Movie)	<p>students will be able to:</p> <ul style="list-style-type: none"> Write the story in their own words Enhance the drama skill play roles of various animals of the Jungle Book by modulating their voice understand about easily confused words and frame them in sentences. identify describing words in the lesson and use various adjectives in their written work write the summary of the story compare life of Mowgli with their life and realize about the comforts they are blessed with realize qualities and weakness Be helpful to others not to be scared in difficult situations understand the importance of relationships understand the importance of siblings in their life value friends in their life develop leadership qualities understand importance of mother in on

HINDI	<p>हुदहुद व्याकरण – विशेषण एवं विशेषण के भेद</p> <p>सुनीता की पहिया कुर्सी व्याकरण – काल व काल के भेद</p>	<p>विशिष्ट उद्देश्य : स्पष्ट उच्चारण, नए शब्दों का प्रयोग, शब्दाकोश विकसित करना। ज्ञान रेफ()की मात्रा वाले शब्दों से परिचित कराना। ज्ञान शुद्ध वर्तनी , द्रवित्व व्यंजन एवं संवाद लिखना (भाषा प्रवाह) ज्ञान सही वाक्य रचना करना सीखना।</p> <p>व्यवहारिक उद्देश्य मानवीय गुणों की भावना का विकास(मानवता, सच्चाई, सहयोग, परिश्रम, त्याग) समझ पक्षियों के संरक्षण के लिए जागरूक करना। समझ पशु-पक्षियों को कष्ट न देने तथा नकी सुविधा का ध्यान रखने की सीख (ज्ञान पक्षियों के बारे में जानने की जिज्ञासा उत्पन्न होना। समझ पुराने समय के यातायात के साधनों का ज्ञान। ज्ञान सोच समझकर निर्णय लेने की क्षमता विकसित करना।</p> <p>विशिष्ट उद्देश्य:</p> <ul style="list-style-type: none">• वर्णों की सही बनावट लिखने हेतु प्रेरित करना। ज्ञान• शब्द भंडार बढ़ाना। ज्ञान• वाक्यों में कारक चिह्नों का सही प्रयोग करना सिखाना। समझ <p>रचनात्मक लेखन में शब्दकोष से सहायता लेकर शब्दों के प्रयोग करना सिखाना। समझ कल्पनाशीलता में वृद्धि करना।</p> <p>विश्लेषणव्यावहारिक उद्देश्य: सकारात्मक दृष्टिकोण विकसित करना। विश्लेषण, संश्लेषण अक्षम व्यक्तियों के प्रति सहयोग करने हेतु प्रेरित करना। समझ स्वयं को कमियों को अवलोकन कर उसमें सुधार लाने की भावना जागृत करना सिखाना। विश्लेषण</p>	<p>कोशल: लेखन कोशल</p> <p>लेखन</p>	<p>https://www.youtube.com/watch?v=YTR21os8gIA</p> <p>http://m.youtube.com/watch?v=KE1DW8h6tA</p>	<p>गतिविधि— दा पक्षियों के मध्य संवाद लिखना । पक्षियों के हिंदी नाम लिखते हुए कोलाज बनाना । पहचान 1 अगर आपको हुदहुद को पहचानने में किसी की मदद करनी है,तो आप कौन-सी बातें बताओगे? चार –पाँच वाक्यों में लिखो। 2 इस कहानी से आपको क्या शिक्षा मिली ? अपने शब्दों में लिखिए। 3 यदि आपने मम्मी-पापा का कोई कार्य किया हो या निर्णय लिया हो और बाद में पछताना पड़ा हो ऐसा कोई अनुभव लिखकर कक्षा में सुनाओ।</p> <p>गतिविधि :-1 अक्षम व्यक्तियों की लोगों द्वारा सहायता करने का वीडियो दिखाना। वीडियो को दिखाने के पश्चात छात्रों को प्रश्नावली करने के लिए दी जाएगी। आप किस प्रकार अक्षम व्यक्तियों का सहयोग कर सकते हैं? अक्षम व्यक्तियों के बारे में आप भी इस प्रकार का सहयोग करेंगे? हाँ या नहीं इस वीडियो को देखकर आपके मन में क्या-क्या विचार आए ? गतिविधि :- 2शिक्षिका कथन: अक्षम व्यक्तियों का सहयोग करने हेतु सरकार द्वारा दी गई सुविधाओं की जानकारी पर कक्षा में चर्चा करना व उससे संबंधित छात्रों के विचार पूछना। गतिविधि :- 3 लेखन कार्य :</p>	<p>Good health and wealth being</p>		<p>लेखन कोशल हस्तलेख वर्तनी हवएवं व्याकरणिक ज्ञान शब्द भंडार</p> <p>कार्यपत्रक लेखन विराम चिह्न कारक चिह्न शब्द भंडार</p>	<p>सहयोग भावना परिलक्षित हुई। पक्षियों को समझने का भाव प्रदर्शित हुआ। सोच समझकर निर्णय लेने की क्षमता विकसित हुई। शुद्ध वर्तनी का ज्ञान हुआ। दया का भाव प्रदर्शित हुआ। जिम्मेदारी की भावना का विकास हुआ।</p> <p>शब्दों में सही मात्राएँ लगाने में सक्षम होंगे। वर्णों की सही बनावट लिखने हेतु प्रेरित होंगे। शब्द भंडार में वृद्धि में होगी। रचनात्मक लेखन में शब्दकोष से सहायता लेकर शब्दों के प्रयोग करने से विचारों का प्रभावी बना सकेंगे। विचारों में मौलिकता परिलक्षित होगी। छात्रों में कोशिश करने की भावना परिलक्षित होगी। सहयोग के प्रति प्रेरित होंगे। चित्तन शक्ति में वृद्धि होगी। छात्र भली-भाँति प्रश्न निर्माण करने का प्रयास करेंगे। स्वयं की कमियों को अवलोकन कर उसमें सुधार लाने की भावना जागृत कर सकेंगे। संवेदनशीलता का भाव परिलक्षित होगा।</p>
MATHS	Addition & Subtraction	<p>Students will be able</p> <ol style="list-style-type: none">1. to explain the properties of addition and subtraction(U)2. to define the terms addend, minuend, subtrahend(K)3. to arrange the numbers in columns & do addition and subtraction with and without regrouping.(Ap)4. to understand addition and subtraction as inverse operations(U)5. to write different combinations for the given sum(U)6. to use concept of more than and less than for a given number(Ap)7. to find the missing number(Ap)8. to check the answer in subtraction(Ap)9. to estimate the sum or difference (An)10.to identify the operation in a word	<p>Underst an ding, logical thinking, observat io n, sharing, cooperat io n</p>	<p>Egg carton, lemon water, charts</p>	<ol style="list-style-type: none">1. Egg carton activity2. Lemon water activity3. Addition using bead material4. Addition folder5. Pairing to get the sum6. Addition wheel7. Activity to develop thinking skill and values8. Real life activities			<p>Observation, discussion activities, worksheet practice sheet</p>	<p>Students will,</p> <ol style="list-style-type: none">1. explain the properties of addition and subtraction(U)2. define the terms addend, minuend, subtrahend(K)3. arrange the numbers in columns & do addition and subtraction with and without regrouping.(Ap)4. understand addition and subtraction as inverse operations(U)5. write different combinations for the

		<p>problem(K/An) 11. to solve the word problem(Ap) 12.to frame a word problem with given clues (An) 13.to calculate correctly (Ap)</p> <p>Behavioural Objectives Students will be able</p> <ul style="list-style-type: none"> •to develop logical thinking •to identify the situations in real life where they have to find the sum and difference •to understand that weakness and strength are contrary to each other but can be balanced by overcoming the weaknesses. •to add the values like cooperation, sharing ideas in behavior and subtract the negative thoughts 						<p>given sum(U) 6. use concept of more than and less than for a given number(Ap) 7. find the missing number(Ap) 8. check the answer in subtraction(Ap) 9. estimate the sum or difference(An) 10.identify the operation in a word problem(K/An) 11.solve the word problem(Ap) 12.frame a word problem with given clues (An) 13.calculate correctly (Ap)</p>
SCIENCE	. Chapter 4- How animals survive	<p>Students will able to - Knowledge:</p> <ul style="list-style-type: none"> · Know about the basic survival needs of animals. · know about the term adaptation · Know about the different types of habitat and adaptation. · Know different adaptations in animals for food, protection, body coverings, special behavior etc.(like-herbivores, carnivores, omnivores; camouflage ; hibernation, parasites etc.) <p>Understanding:</p> <ul style="list-style-type: none"> · Understand the meaning of habitat. · Understand adaptations in animals through examples. · Understand the importance of adaptations among animals. · Understand the term ecosystem. · Understand human interference and other components in the life of animals. · Understand about the term flora and fauna. <p>Application:</p> <ul style="list-style-type: none"> · Differentiate between shelter and habitat for animals. · Categorise different animals according to the different habitats. · Classify animals according to their habitats and feeding habits. 	Observational, Analytical Sensitization, communication	<p>1.Pictures and images of different animals. 2.Video clips on habitats and adaptations of animals. https://www.youtube.com/watch?v=bLJw9yPusak , 3. Animals Types - Based on Living Places - for Kids - Education Videos by www.megenius.com - YouTube (360p), ULTIMATE Animals</p>	<p>warm up Activity : Video on different types of habitat</p> <ul style="list-style-type: none"> • Activity Comparative study of adaptations for different categories of food habits found in animals. <p>A video will be shown on different adaptations of animals followed by a discussion.</p> <p>Activity for endangered and extinct animals(collecting information on endangered and extinct animals)</p> <ul style="list-style-type: none"> • Activity Connect to life • Debate - Why is it important to protect the habitats of animals? 	15,life on Land	Visit to zoo	<p>Expected Learning Outcomes</p> <ul style="list-style-type: none"> · To know about the different types of animals. - how artificial habitats are created in the zoo for different animals to live. · To understand about what they are provided as their food. · To sensitize student to give respect and protect the animals. · to know about food habits of the animals. to read and to follow the instructions written in the To know about how animals adjust themselves in particular habitat. <p>Students will-</p> <ul style="list-style-type: none"> · Recognize different habitats. · Identify different adaptations in animals. · Learn different physical features of the animals to suit with their

		<p><u>Analysis:</u> Understand the cause and effect of animals being endangered and extinct.</p> <ul style="list-style-type: none">· Identify different habitats like terrestrial, forest, desert, aquatic , aerial & arboreal etc.· Identify the different ways in which animals protect themselves.- compare the adaptations found in plants as well as in animals of different habitats. <p><u>Behavioural objectives</u> Students will able to –</p> <ul style="list-style-type: none">• Identify the difficult situations and to develop own ways to adjust in that• Develop good habits and values to be good humans.• Can recognize the true friends in life.• Take proper care of the environment.• Learn to get benefitted from others when we are devoid of basic needs.• Value each and every individual in life.(as everybody is unique in his/her own way)• Learn to develop habits that can help to live comfortably in an environment.		<p>Video for Children - YouTube (360p)</p> <p>4.Video clip on endangered and extinct animals. https://www.youtube.com/watch?v=4DTTREI79cU https://www.youtube.com/results?search_query=extinct+and+endangered+animals https://www.youtube.com/watch?v=kZnJfQ54aAQ https://www.youtube.com/watch?v=ChS_MF13GE</p> <p>5.Video on hibernation https://www.youtube.com/watch?v=IG_647mHWac</p> <p>6.Five peas story https://www.youtube.com/results?search_query=five+peas+bedtime+story</p>				<p>habitat.</p> <ul style="list-style-type: none">· Take care of animals and their surroundings.· learn the importance of animals and the importance of protecting the habitats. <p>++ understand human interference responsible for extinction of habitat or of a species from the planet.</p> <p>++Learn adaptations in animals in a habitat the animals live,,for food as herbivore,carnivore,scavengers,omnivores ,in parasites ,and in their behaviour to adjust to survive in harsh climate/season, and for defence</p> <p>++ learn terminologies- migration,hibernation ,aestivation,amphibians, aerial,arboreal,stream lined body,camouflaging ,endangered& extinct animals.</p> <ul style="list-style-type: none">· Caring and protecting animals.· Value each and every individual in life.(as everybody is unique in his/her own way)· Develop good habits and values to be good humans·
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SOCIAL SCIENCE	Ls.21-Important personalities	Brief description: The lesson will tell about the life of the <ul style="list-style-type: none">Great Kings of Indian like Ashoka, Krishnadeva Raya.Religious reformers kabir & mirabaiScientist Aryabhatta & CharakaSocial Reformers Raja Ram Mohan Roy & Syed Ahmed Khan Learning Objectives: The student will be able to <ul style="list-style-type: none">Know about the life of Great Kings, Religious and Social reformers and Scientist of the country KKnow about their contribution towards India's Progress K	Knowledge and Research	Videos Scrapbook Links https://youtu.be/6XojmEmy7kw (Ashoka the great) https://youtu.be/-XM4B9woFA0 (legacy of Ashoka) https://youtu.be/-FSxroWpwbw (Krishna deva raya) https://youtu.be/JgHF1q6Y-FU (Kabir) https://youtu.be/p89drj-L34 (Mira bai) https://youtu.be/6461WluNYBM https://youtu.be/oQMqbWbTWYmlh https://youtu.be/JELsPO4r44Q https://youtu.be/rqM_eHxDVtM Map of India and videos Links https://www.youtube.com/watch?v=4sB8TTCVO2c https://www.youtube.com/watch?v	Activity 1 Various videos will be shown to them Activity 2 Group activity Activity 3 List the qualities you see in these personalities which made them great leaders. Activity 4 Find out about one famous Indian personality other than given in the book you know who has contributed a lot to the development of the nation			Activity (group activity) Students will be divided in groups each group will get one leader, they will prepare a scrapbook in which they will * Mark the birth place on the political map of India *Mention date of birth and death *One inspirational incident of their life Contribution towards their country(Assessment activity) Assesment (Map Work)	The student will 1. Know about the life of different leaders of the country 2. Know about the various problems faced by the leaders 4. Fight for the various adversities. 5. Imbibe the values of the great Personalities. 6. Respect and The
	Ls.5-The southern Plateau	Learning objectives: The students will learn about: <ul style="list-style-type: none">What is plateau?(U)The Southern Or the Peninsular Plateau(K)The central highlands and the Deccan Plateau(K)The Extent of the plateau(K)The number of rivers flowing in this region(K)The division into the Central Highlands and the Deccan Plateau(K)Richness of the soil in the central highlands(ANN)Differentiate between the rivers of Northern Plains and Deccan Plateau(ANN)Why Chota Nagpur Plateau is known as ' Mineral Belt'(U)Features of the Malwa plateau where they lived (K)Variety of soil found and then importance(U)Life, occupation & festivals celebrated in this region(K) Behavioral Objectives: The student will	Knowledge and Annalysi	Activity1 The students will be shown various videos Activity 2 Map work will be done Activity 3 Students will be making table on various features given to them				student will- Explain about the location and extent of the plateau. Locate all the rivers Reason behind the richness of the soil and minerals found Realize the importance of the features of the region they are living on.	

		<ul style="list-style-type: none">• Learn to appreciate the qualities in others correlate their learning about the richness of soil with the richness of values found in different individuals. (APP)• Find their own way as rivers flow and create their own way by cutting the obstacles. (Patience and perseverance). (APP)		https://www.youtube.com/watch?v=BUfDK7oiVM https://www.youtube.com/watch?v=8Rno7KmdTWQ https://www.youtube.com/watch?v=0f3sX9IK4pU					
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MONTH: SEPTEMBER

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	<p>दान का हिसाब कौशल: श्रवण व्याकरण – उपसर्ग, प्रत्यय</p>	<p>विशिष्ट उद्देश्य: किसी भी प्रकरण को सुनकर समझना। समझ वर्णों में सही मात्रा का प्रयोग करना सिखाना। ज्ञान अभिव्यक्ति में मुहावरों के प्रयोग द्वारा भाषा में सौन्दर्यीकरण करना सिखाना। समझ कहानी बोलना सिखाना। समझ व्यावहारिक उद्देश्य: परोपकार की भावना विकसित करना। समझ किसी की भी सहायता करने हेतु तत्परता। समझ स्वयं के पास जो भी हो, उसे ज़रूरतमंदों को देने की भावना विकसित करना। समझ विपरीत परिस्थिति में सामंजस्यता बनाए रखने हेतु प्रेरित करना। समझ प्रकृति के संरक्षण के प्रति जागरूक करना। ज्ञान</p>	<p>कौशल: श्रवण</p>	<p>https://m.youtube.com/watch?v=kOJBIn1ikPo https://m.youtube.com/watch?v=FEq8P2hNY74</p>	<p>गतिविधि :-1 पौराणिक कथाओं से संबंधित { दधीचि का त्याग} वीडियो दिखाया जाएगा। तत्पश्चात छात्रों से कथाओं के विषय में चर्चा गतिविधि:- 2 वार्तालाप गतिविधि (समूहानुसार) छात्रों को समूह में विभाजित किया जाएगा। वार्तालाप गतिविधि के माध्यम से छात्रों ने ज़रूरतमंद की सहायता किस प्रकार की वे आपस में स्वयं के विचारों को व्यक्त करेंगे। (अभिव्यक्ति, श्रवण) जिससे छात्र ज़रूरतमंद की सहायता करने हेतु प्रेरित हो सकें। गतिविधि :- 3 • प्राकृतिक आपदा से संबंधित { अकाल } का वीडियो दिखाया। https://m.youtube.com/watch?v=FEq8P2hNY74 गतिविधि :- 4 • 'परोपकार' से संबंधित कहानी सुनाना। (अभिव्यक्ति, श्रवण, चिंतन क्षमता) गतिविधि :- 6 मुहावरों की चिट बनाकर दमसिराज द्वारा अभिनय के रूप में या पोस्टर के द्वारा प्रदर्शित करना।</p>	<p>Zero hunger</p>			<p>सामंजस्यता बनाए रखने में सक्षम होंगे। सुनकर समझने का प्रयास करने लेंगे हैं। कहानी के माध्यम से चिंतन शक्ति परिलक्षित होगी। कहानी को स्पष्ट उच्चारण व प्रभावी तरीके से सुनाने का प्रयास कर सकेंगे। दान किस प्रकार के व्यक्तियों को देना चाहिए ये छात्र भली-भाँति समझने में सक्षम हुए।</p>
MATHS	<p>Multiplication & Division</p>	<p>Students will be able 1. to recall multiplication as repeated addition/how many times is the given number(K) 2. to understand the properties of multiplication and division(U) 3. to define the terms multiplicand, multiplier, product(K) 4. to multiply 3 and 4 digit number by 2 digit number(Ap) 5. to understand multiplication and division as inverse operations(U) 6. to recall repeated subtraction as division .(U) 7. to relate division facts for the given multiplication facts(Ap) 8. to define the terms dividend, divisor, quotient, remainder(K) 9. to divide 3 and 4 digit number by 1 and 2 digit number(Ap) 10.to apply division algorithm.(Ap) 11.to solve word problems on multiplication and division(An & Ap) 12.to perform the calculation correctly(Ap) Behavioural Objectives 1. to understand that multiplication is arrangement of different things in array 2. to develop logical thinking 3. to understand division as distribution of things equally 4. to combine your thoughts and divide the task to achieve the goal</p>	<p>Understand ing, logical thinking, observation sharing, cooperation</p>	<p>Bead material, blocks, charts, videos</p>	<ol style="list-style-type: none"> 1. multiplication pattern 2. multiplication using bead material 3. properties of multiplication 4. multiplication using fingers 5. number line 6. multiplication using lines 7. blindfold 8. jumping in steps 9. sticker activity 10. one minute game 11. division fact wheel 12. area model for division 13. real life activities 14. thinking skill activities 			<p>Observation, discussion, activities, worksheet, practice sheet</p>	<p>Students will do</p> <ul style="list-style-type: none"> • understand multiplication as repeated addition/how many times is the given number • know the properties of multiplication and division • learn the terms multiplicand, multiplier, product • multiply 3 and 4 digit number by 2 digit number • use multiplication and division as inverse operations • understand division as equal distribution • understand division as repeated subtraction • learn the terms dividend, divisor, quotient, remainder • divide 3 and 4 digit number by 1 and 2 digit number • check the answer in division • solve word problems on multiplication and division • do calculation correctly

									<ul style="list-style-type: none"> • develop logical thinking • understand that multiplication is arrangement of different things in array • understand division as distribution of things equally • learn to work in groups
SCIENCE	Chapter 5, Food: Our Basic Need	I - Specific Objectives Knowledge <ul style="list-style-type: none"> • Know about different types of nutrients , nutrition and food groups and their sources. • Know jobs/role of different vitamins and minerals in our body • Know about spoilage of food and who is responsible for this spoilage. • Know different methods of food preservation. Understanding <ul style="list-style-type: none"> • Understand that plants make & store proteins in some plants like pulses, beans etc • Understand importance of roughage and water to stay healthy • Understand what is a balanced diet and its importance • Understand the importance of correct posture while eating sitting walking and of exercise. • Understand some beneficial micro-organisms that adds extra nutrition in food items. • + Understand about the energy giving food, protective food and body building food. Application <ul style="list-style-type: none"> • Differentiate between healthy and junk food • Will be aware about food they eat. • Will follow simple preservation techniques to avoid spoilage of food • To identify different nutrients of food like carbohydrates, fats, vitamins, minerals, protein and their resources. Analysis <ul style="list-style-type: none"> • Differentiate between food and nutrition. 	Observational, Analytical, Sensitization, communication	1. https://www.youtube.com/watch?v=rR-19hIBUSg 2. https://youtu.be/OyK0oE5rwFY 3. https://youtu.be/AulCuXNjl94 4. https://youtu.be/MJ0GQbxRfLE	Warm up : A story https://youtu.be/WPmnMqOD8Ek or PPT PPT on different food groups will be shown along with explanation. Making a food platter on disposable plate. Activity 3: Correct postures: A video will be shown about correct postures. Activity-3 Food preservation: A Video will be shown to students	Zero hunger	Visit to nature nursery	Group activity- The students will be asked to create samples of particular nutrients of different food groups. (With clay) like poori, chapati, rice , pulav etc..... curd bowl, raita, daal, salad , sprouts etc..... and speak on that about the nutrients which they contain.	.Students will – *Recognise the five main food-nutritional groups with their functions. *Identify the nutrients present in different food items and their functions *learn the different components of a balanced diet and the importance of balanced diet for us. *Learn spoilage and some methods of food preservation *Know correct postures and importance of exercises *Inculcate good eating habits *Develop awareness towards saving food and money.

		II - Behavioral Objectives Students will- <ul style="list-style-type: none"> • Develop awareness about types of food we eat. • Eat consciously (not like couch potatoes) • Sensitized for taking required quantity of food and not wasting (analyse your own eating habits, wastage of food) • Sensitized about Wastage of food and wastage of money (Am I Foodie) • Understand importance of exercises to stay fit and healthy 							
SCIENCE	Chapter 6. <u>Digestion and Role of Microbes</u>	I - Specific Objectives The students will be able to: Knowledge <ul style="list-style-type: none"> • Know about the teeth. • Know different types of teeth as temporary and permanent teeth. • Know about the labelling of structure , their numbers and role in the process of digestion [+dental Formula ICPMW 4+2+4+6(4,2)] • Know what is plaque and the reasons of tooth decay. Understanding <ul style="list-style-type: none"> • Learn to take care of teeth (students to be sensitised about tobacco chewing and smoking) and healthy eating habits (importance of including calcium in our diet (milk and besides milk like green leafy vegetables etc...)) • Learn about the process of digestion from ingestion to egestion (i.e journey of food from mouth to anus) • Learn the role of microbes (virus, bacteria, fungus and protozoa), as germs and as useful microbes for food and for nature. • Understand about the journey of food through digestive system. • Understand the role of every organs in digestive system. Application <ul style="list-style-type: none"> • Will practice healthy habits to keep oral hygiene. Analysis <ul style="list-style-type: none"> • Identify types of teeth in human beings • Will analyse structure of teeth with their roles in digestion 	Analytical, observational, reasoning,	https://youtu.be/rnlNy_riefs https://youtu.be/s6tdiDDpxkQ https://www.youtube.com/watch?v=rHo_kbOgFcw https://youtu.be/sPBjXhVAnXM https://www.youtube.com/watch?v=kurlbBqUI2g https://youtu.be/kurlbBqUI2g https://youtu.be/7D0eIsuZC3w	Warm up Activity -1 Discussion on teeth Activity -2 https://youtu.be/rnlNy_riefs The students will be shown video on types of teeth the teacher will continue with her explanation on the types of teeth. Activity -4 Exploring Activity Video will be shown to know the numbers of teeth they have Activity -Structure of tooth: Student will be shown video on structure of tooth followed by discussion. Activity Dentist talk Activity : Digestive system journey of food (Structured discussion after watching video)	Good health and well being(3)	<u>Dentist talk</u>	: Model of digestive system(Assessment activity) Students will make and label model of the digestive system. (with play dough of your choice)	The student will – Understand the structure and function of teeth. Appreciate the importance of healthy gums and teeth in digestion. Develop awareness to follow oral hygiene and good eating habits. Learn microbes as their enemies and as their friends

		II - Behavioral Objectives The students will be able to: Understand importance of teeth Inculcate good eating habits and understand ill-effects of aerated drinks Sensitised towards oral hygiene. Become cautious and will be taking precautions to avoid cavities.							
SOCIAL SCIENCE	Ls.6-The coastal Plains and the Islands	Learning objectives: The students will learn about 1. The coast and islands (K) 2. The eastern and western coastal plains and their location(K) 3. The Andaman and Nicobar islands and the Lakshadweep islands (K) 4. The life, occupation of the people and the climate and the vegetation of the people.(K) 5. Importance of the location of Eastern & Western ghats (U) 6. Terms as Gulf, port and coral islands.(K) 7. Come to know about the important ports of India(K) Behavioral objectives: 1. Understand the safety signs or warning boards put up for the safety at the beach.(U) 2. Become aware of the dangers that the people living in the coastal areas can face (K and APP). Maintain the beauty and do not dirty them by throwing litter. (U and APP)	Knowledge Critical Thinking Establishing relationship Between Men And Environment	Scrapbook, Map, Videos. https://youtu.be/YTzqCVgcW0o (coastal plains and the islands)	<i>Activity 1</i> <i>The students will be shown various videos</i> <i>Activity2</i> <i>Map work will be done</i> <i>Activity 3</i> <i>The students will be making a comparative table on the given topics</i>			Assesment Worksheet	1. Locate the extent of coastal plains and the islands 2. Explain about the changes in the climate that takes place in the country 3. Tell about the life of the people living in the coastal plains/ islands

MONTH: OCTOBER

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MATHS	Factors Multiples	<p>Students will be able to</p> <ol style="list-style-type: none"> 1. to differentiate between factors and multiples. (An) 2. to list all the factors of a number. (K) 3. to find out common factors between two numbers. (Ap) 4. to list the multiples of a given number.(K) 5. to find out the common multiples of Two or more no.s(Ap) 6. to apply the divisibility rules. (K) 7. to define the terms prime and composite numbers . (U) 8. to find prime factors using Prime factorization (Ap) <p>Behavioral Objectives</p> <ol style="list-style-type: none"> 1. to multiply their strength and qualities. 2. to relate the concept of factors and multiples with real life situations 3. to be systematic and do the work with accuracy. 4. to develop the values like sharing 5. to understand that there can be multiple solutions to one problem so we need to look for solutions rather than focusing on the problem(factors and multiples) 	Understanding, analysis application	Books, videos, math lab	<ol style="list-style-type: none"> 1. Lines and Dots activity 2. Colouring of Multiples 3. Factors and multiples game 4. Sieve of erastosthenes 5. Prime and composite numbers 			Worksheets And activities and critical thinking question.	<p>Students</p> <ol style="list-style-type: none"> 1. differentiate between factors and multiples. (An) 2. list all the factors of a number. (K) 3. find out common factors between two numbers. (Ap) 4. list the multiples of a given number.(K) 5. find out the common multiples of Two or more no.s(Ap) 6. apply the divisibility rules. (K) 7. define the terms prime and composite numbers . (U) 8. find prime factors using Prime factorization (Ap)
SCIENCE	Chapter - 7 <u>KEEPING SAFE</u>	<p>I - Specific Objectives</p> <p>The students will be able to</p> <p>Knowledge</p> <p>Know the preventive measures and precautions to be taken at various places.</p> <p>understanding</p> <ol style="list-style-type: none"> 1. Understand the meaning of accidents and safety. 2. Understand the need to take safety measures. <p>Analysis</p> <ol style="list-style-type: none"> 4. Observe safety at different places like at home, playground, swimming pool, kitchen etc. <p>II - Behavioral Objectives</p> <p>The students will be:</p> <ol style="list-style-type: none"> 1. Aware of Do's and Dont's at various places. 2. Sensitized that they need to be careful while talking to the strangers. 3. Able to realize the importance of first aid in their day to day life. 	Observational, analysis, sensitization, thinking, reasoning etc.Research, Communication, Presentation, Imagination skills etc	<p>Videos on safety habits, strangers and good and bad touch</p> <p>Pictures</p> <p>Video link:- https://youtu.be/t_tBskbh9DU----</p> <p>Safety rules(All) https://youtu.be/T4-Fjm_CCmU----</p> <p>safety rules on road https://youtu.be/r7ht0d6plfs----</p>	<p>.Warm up activity</p> <p>Discussion on accidents</p> <ul style="list-style-type: none"> • Students will be shown a video on safety rules which they should follow at different places. <p>Students will find out the Do's and Dont's which they should follow. They will make a chart/poster on the task given to them.</p> <p>Activity of Phone Booklet:- Students will make phone book of important numbers. They will write the phone numbers of Parents, Doctor, Police, fire station, Ambulance, Electricity department, hospital etc.</p>		Self defence by PTI	worksheet	<p>The students will</p> <ul style="list-style-type: none"> • Know about the safety measures which can be taken at home, kitchen, school, playground, road, during festivals etc. • Understand why it is important to take care of themselves when they come across/ meet any unknown person. • Realise that they themselves are responsible for their safety. • Learn the importance of healthy food, rest, exercise and cleanliness in keeping their body healthy and safe.

		<p>4. Sensitized that they are responsible for their own safety.</p> <p>5. Aware that they should not dial the emergency/ helpline numbers just for fun.</p>		<p>safety on road (Chhota bheem)</p> <p>https://youtu.be/KKH39KZmVLw--</p> <p>-- dangers in the kitchen</p> <p>https://youtu.be/cTXP9txUbOA-----</p> <p>playground safety</p> <p>https://youtu.be/v3cID86hw0k---</p> <p>safety while swimming</p> <p>https://youtu.be/Pu81-E4jrxo----</p> <p>safety on holi</p> <p>https://youtu.be/ol7T4n1A7Ug---</p> <p>safety on diwali</p>					<ul style="list-style-type: none"> Understand the importance of first aid and know which things should be kept in the first aid box.
	Chapter 8, Clothes We Wear	<p><u>I - Specific Objectives</u></p> <p><u>Skills - Knowledge</u></p> <ul style="list-style-type: none"> Learn about fibres as natural and synthetic fibres, need of synthetic fibres and how synthetic fibres lasts longer (durable) Learn how to take care of clothes Learn the sources of natural fibres as from animals and plants Learn renowned attire worn in some places <p><u>Understanding</u></p> <ul style="list-style-type: none"> Understand the need of clothes Understand the characteristics of natural and synthetic fibres Understand that choice of clothes depends of climatic conditions and regions /traditions. different types and styles of clothing 	Observational, analysis, sensitization, thinking, reasoning	<p>https://youtu.be/gj1NqBc9VxE</p> <p>https://youtu.be/aL9PSBxF6ts</p> <p>https://youtu.be/4a2Uec4nxxQ</p> <p>https://youtu.be/uZo5vNdG1CU</p>	<p><u>Activity-1</u> Video on on fibres to fabric</p> <p><u>Activity-2</u> Video will be shown to the students about different types of clothes</p> <p><u>Activity-3</u> Video will be shown on casual and formal clothing</p> <p>Activity 4 Video will be shown on origami activity</p> <p>Activity 5 Cloth samples The students will be asked to bring samples of the cloth material like cotton, jute, nylon etc,,, (¼ th size of handkerchief ,to be pasted in the notebook)to feel the texture of different types of cloth material.</p> <p>Activity 6</p>		Zero hunger(2)	Worksheet	<p>Understand need of different materials for making clothes to wear in different seasons</p> <p>Learn what are fibres and their source and some characteristics of natural and synthetic fibres.</p> <p>Know about some attires worn in different regions and traditions.</p>

		<p>Application Analysis</p> <ul style="list-style-type: none">• distinguish between casual and formal clothing• analyze the roles of weather and occasion in clothing choice <p>II - Behavioral Objectives</p> <p>The student will be able to-</p> <ul style="list-style-type: none">• Know the material used for making the clothes they wear (from readymade labels)• Correlate that clothes they wear in different seasons with reference to the materials used.			<p>Fancy dress</p> <p>Students will be asked to dress up in different attires worn by the people in different regions/tradition</p>				
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MONTH: NOVEMBER

Subject	Topic	Learning/behavioral Objectives	Skills/ Values	Resources / Teaching Aids	Activities/Process	UN sustainable goal if targeted	Special Talk/ Parents' Involvement/ Field trip	Assessment	Learning outcome
ENGLISH	L-1 Grandpa Fights An Ostrich Poem – An Elephant Is Hard To Hide Present Continuous and Past Continuous	Specific Objective : This lesson will enable students to : <ul style="list-style-type: none"> develop their reading skills by thorough reading of the lesson.(Kn) enhance their reading comprehension through comprehension sheet based on birds.(C) enrich the vocabulary of the students with new words from the lesson.(Kn) construct sentences using new words learnt.(Sy) describe an incident in detail with all its key points.(C) enhance their knowledge about habits, features of ostriches.(Kn) justify the actions of grandpa and predict the consequences if the dog had not arrived in time.(An) reflect what they would have done if they were in place of grandpa.(C) construct acrostic poems of their own based on the theme “Grandparents”. (C/Ap/S) write paragraph based on their grandparents.(S) interpret the feeling looking at the emoticon. (C) appreciate poetry and the humour present in it. (C/Ev) listen to the poem and recite it with expression.(Kn) enjoy the rhyming scheme of the poem. (K/C) express themselves on what all things they do to hide something from their parents.(C/Ap) understand the problems that one could face if one brings an unusual pet home. (C) understand the importance of having knowledge of a particular animal 	Reading Speaking Writing Listening		Model Reading, Reading by the Students Poem Recitation Paragraph Writing on the topic “Role of grandparents in our lives” Poem Composition on Grandparents Forming personal dictionary of new words Listening Worksheet based on birds		Parental Involvement – Story Narration by Grandparents	Loud Reading and Picture Composition	The students will: <ul style="list-style-type: none"> read the content given in the lesson comfortably, fluently and with expression. draw inferences from the text given in comprehension sheets on their own. enrich their vocabulary with the new words learnt from the lesson and construct sentences using the same. reflect upon what they feel about grandpa's situation and what they would have done in such a situation. form acrostic poems and poems using rhyming words. interpret the feeling reflected in the emoticon. describe an incident in detail with all its key points. enrich themselves with information related to habits, features of ostriches. value to follow the right path rather than taking up short cuts. value animals as friends in times of need. understand how to deal with difficult

		<p>before bringing it home and whether it can be tamed or not (C)</p> <p>Behavioral Objectives : This lesson will enable students to:</p> <ul style="list-style-type: none"> understand the importance of taking the right path in life and to avoid taking short cuts.(C) analyze what problems they are likely to face if they take up easy ways.(An) develop sensitivity towards animals. value and develop respect for animals as friends in times of need.(Ev) understand not to hide things and feel free to share their feelings with others.(C) critically think on how to respond to difficult situations.(An) develop problem solving attitude.(Ap) understand the importance of seeking parents permission before taking decisions.(C) 						<p>situations.</p> <ul style="list-style-type: none"> express their views about their grandparents in the form of a paragraph. appreciate humour of the poem understand the importance of seeking parents' permission. list out the problems people face if they bring an unusual pet home without proper information. recite the poem with proper use of expression. understand that hiding is not a good habit . find solutions to the problems
HINDI	<p>कौन व्याकरण— कारक व विराम चिह्नों का पुनर्अभ्यास, अपठित पद्यांश</p>	<p>विशिष्ट उद्देश्य:</p> <ul style="list-style-type: none"> हिन्दी की विधाओं में से पद्य विधा से परिचित कराना। ज्ञान कल्पना शक्ति को विकसित करना। प्रयोग कविता को पढ़कर उसमें निहित भाव को समझने हेतु प्रेरित करना। तार्किक क्षमता विकसित करना। ज्ञान प्रश्नवाचक शब्दों का ज्ञान कराना। ज्ञान प्रश्न निर्माण करना सिखाना। ज्ञान व्याकरण भाग की जानकारी देना। ज्ञान <ul style="list-style-type: none"> शब्द भंडार वाक्य रचना कारक चिह्न <p>व्यावहारिक उद्देश्य:</p> <ul style="list-style-type: none"> किसी को हानि न पहुँचाना। समझ व्यवस्थित कार्य करने हेतु प्रोत्साहित करना। समझ 	<p>कौशल: वाचन / लेखन</p>	<p>http://m.youtube.com/watch?v=PO9KNCKiXQ http://m.youtube.com/watch?v=73ebpbpgQ</p>	<p>गातोविधि:— (1) पाठ पढ़ाने से पूर्व छात्रों को पहेली से संबंधित गीत ईचक दाना वीचक दाना दाने ऊपर दाना दिखाया जाएगा। गीत देखने व सुनने के पश्चात — गतिविधि:—(3) पाठ के शीर्षक से अवगत कराते हुए यह बताया जाएगा कि हिन्दी भाषा की अनेक विधाएँ हैं कहानी, नाटक, गद्य, पद्य। कविता उन्हीं विधा में से एक है। तत्पश्चात कविता में निहित भाव को समझाया जाएगा। छात्रों से प्रश्नवाचक शब्दों के विषय में चर्चा की जाएगी। गतिविधि:— (4) लेखन कौशल :— गतिविधि:— (5) निम्नलिखित पद्यांश पढ़कर उसमें से संभावित पाँच गतिविधि :— (6) एक अनेक का ज्ञान कराते , एक से जब अनेक हो जाते तो एकता का पाठ सिखाते बोलो—बोलो वो शब्द क्या कहलाते ? संभावित उत्तर :— वचन धोबी ने जब झट धोए कपड़े, धोबिन ने सुखाए कपड़े बताओ वो है कौन ? वीडियो दिखाने के पश्चात प्रश्नावली करने के लिए दी जाएगी— गतिविधि :— (8) निम्न वाक्यों को उचित कारक चिह्न से पूर्ण कीजिए —</p> <ul style="list-style-type: none"> कोयल आम पेड़ पर बैठी है। चोइथराम विद्यालय चारों ओर हरियाली है। चाकू सब काटो। माँ पुत्री को खाने बुला रही हैं। राजा घोड़े सवार था। 		<p>कार्यपत्रक, व्याकरण—पहेलियाँ, कारक व विराम चिह्न, अपठित पद्यांश मात्रा / वर्तनीगतअशु)ता वाक्य रचना / विराम चिह्न / कारक चिह्न अपठित पद्यांश उच्चारण</p>	<p>हिन्दी की पद्य विधा से परिचित होंगे।</p> <ul style="list-style-type: none"> कल्पना शक्ति परिलक्षित होगी। कविता को पढ़कर उसमें निहित भाव को समझने हेतु प्रेरित करना। तार्किक क्षमता विकसित करना। (पहेलियों के माध्यम) प्रश्नवाचक शब्दों का ज्ञान भली—भाँति जानने में सक्षम होंगे। प्रश्नों का निर्माण कुशलता से कर पाएँगे। व्याकरण के अंतर्गत शब्द भंडार में वृद्धि होगी। कारक चिह्न के माध्यम से सही वाक्य रचना करने में सक्षम होंगे। किसी को हानि न पहुँचाना। व्यवस्थित कार्य करने हेतु प्रोत्साहित करना।

MATHS	fractions	<p><u>Specific Objectives:-</u> Student will be able</p> <ol style="list-style-type: none"> 1. to understand fraction as equal parts of a whole(K) 2. to know the terms numerator and denominator(K) 3. to illustrate fraction as shaded part(U) 4. to write fraction for a collection of things(U) 5. to learn about types of fractions(K) 6. to write equivalent fractions for the given fractions(An) 7. to convert mixed fraction into improper fraction and vice versa(An) 8. to compare the fractions(An) 9. to add and subtract like fractions(U) <p><u>Behavioral Objectives-</u> Students will be able</p> <ol style="list-style-type: none"> 1.to develop the values like helping and sharing. 2.to manage with the available resources for an unforeseen situation. 3.to relate fractions with real life situations while telling time, to measure ingredients in cooking, to schedule the daily routine, buying vegetables and milk 	Understan -ding, application analysis logical reasoning, observatio n, sharing, co- operation	Books, onlines games, math lab	<p>1.https://www.youtube.com/watch?v=-6AhN38OR14</p> <p>2. <u>Pre- Activity-</u> Identification of fractions using fraction kit. Introductory activity- 1. Give each student 8 attempts to throw a ball into a basketball ring. Find fraction of success rate. 2Students will be divided in groups as per their houses, Raman, Buddha, Gandhi etc. and they will find the fraction of houses out of the total strength. The same they will represent using figure. They will shade the fraction formed by each house using the colour of the respective house. Activity -1 Make a fractional flag for Maths Club 1. Students will make spinning circles. Cut a circular cardboard and divide it into 8 equal parts. Each student will shade 1/8 using their favourite colour. Then a game will be played in pairs. Activity-2 Camel activity having 19 camels and to be divided into 3 draughters Activity 3 Activity of daily schedule and calculate fraction of time used in each Activity 4 Activity to relate with real life situations(Peanut chat activity) Activity 5 Quantity of things buyed by Rs 20</p>	ood health and well being - Students will represent different food groups in the form of fractions.		Worksheet , activities, observatio n and logical questions.	<p>Students will</p> <ol style="list-style-type: none"> 1. understand fraction as equal parts of a whole(K) 2. know the terms numerator and denominator(K) 3. illustrate fraction as shaded part(U) 4. write fraction for a collection of things(U) 5. learn about types of fractions(K) 6. write equivalent fractions for the given fractions(An) 7. convert mixed fraction into improper fraction and vice versa(An) 8. compare the fractions(An) 9. add and subtract like fractions(U)
SCIENCE	<u>Chapter – 9 Solid, Liquids and Gas</u>	<p><u>I - Specific Objectives</u> The students will be able to- Knowledge</p> <ul style="list-style-type: none"> • Acknowledge the meaning of matter. • Learn what molecules are. • Learn the different states of matter. • Learn the properties of solids, liquids and gases. • Learn about solute, solvent and solution <p>Understanding</p> <ul style="list-style-type: none"> • Understand the changing of states of matter. • Understand the terms- melting, freezing, evaporation and condensation. 	Thinking, reasoning, analytical, presentati on, communic ation,	States of matter: https://www.youtube.com/watch?v=Nzs_Oc_dzps&t=85s Video on change of states https://www.youtube.com/watch?v=cjvGQmZFM24 Video on	<p><u>Warm up activity-1</u> Interaction with students the things as they see in their surroundings Activity-2 A video on states of matter will be shown followed by structured discussion. Activity 3-(For Atoms and molecules) A video will be shown and students will be discussed in detail about matter, atoms and molecules. Activity 3 Students will be shown Video on melting, condensation, evaporation and freezing (A Detailed discussion on changing forms of states)</p>			Labeling water cycle:	<p>Students will be able to-</p> <ul style="list-style-type: none"> • Understand and can define matter • recognize the different states of matter • Describe the properties of solids, liquids and gases with examples. • Explain the changing states of matter. • Define the terms- melting, freezing, evaporation and condensation.

		<ul style="list-style-type: none"> Understand use of different materials according to their properties Understand why some things sink and float <p>Application</p> <ul style="list-style-type: none"> Identify solid, liquid and gases in their daily life +Will be able to associate evaporation and condensation with examples in daily life. Eg-dew, snow fall +They will be able to critically think why lighter objects float on water, why water tubes are worn during swimming etc.... <p>Analysis</p> <ul style="list-style-type: none"> Differentiate between solute, solvent and solution Able to analyse why solids have fixed shape, Liquids float and gases flow. <p><u>Behavioural objectives-</u> Students will be able to-</p> <ul style="list-style-type: none"> Co-relate different states of matter (solid, liquid and gases) with objects in their daily life. Can recognize examples of melting, freezing, evaporation and condensation in everyday life. Relate the concept of solute, solvent and solution while making lemonade, rasna, bourn vita etc. at home. (Explore the things) 		melting, condensation, evaporation and freezing. https://www.youtube.com/watch?v=r8M7mah_QaY	<p>Activity-4 Experimental activity Activity 5 Students will make lemonade with water, sugar, lemon juice and salt.</p>				<ul style="list-style-type: none"> Describe solute, solvent and solution with examples. Can apply knowledge of solute, solvent and solution in daily life. Can identify processes involved in formation of dew, hail, frost etc.
SOCIAL SCIENCE	<p>Ls.8- Natural resources of India</p> <p>Ls.-10 Forests and wildlife of India</p>	<p>Learning objectives: The student will be able to</p> <ul style="list-style-type: none"> Know the meaning of natural resources(U) Know the types of natural resources (renewable and nonrenewable resources) (K) Understand the meaning of Renewable and nonrenewable resources(U) Classify the resources in two categories (ANN) Understand forest as a resource and know its importance.(U) Know the different types of forest depending on the trees found and the 	<p>Conceptual Understanding Research and Project Establishing relationship with men and environment</p> <p>Lesson 2 Knowledge Research</p>	<p>Scrap books videos and map Links https://youtu.be/m-SosqkOFx8 (renewable / nonrenewable resources) https://youtu.be/dTadYbQ_ddM</p>	<p>Activity 1 <i>Students will be asked to make list of daily products they use</i> Activity2 <i>Students will be asked to make list of the various forest</i> Activity 3 <i>Various videos will be shown to them</i> Activity 4 <i>Students will be asked to make the map</i> Activity 5 <i>Map Work</i></p>			<p>Assessment Ls1 The students will be asked to make a list of the products and will be asked to separate them as renewable and non renewable resources</p>	<ol style="list-style-type: none"> Learned the meaning of natural resources Know the types of natural resources (renewable and nonrenewable resources) Understand the meaning of Renewable and nonrenewable resources Classify the resources in two categories Understand forest as a resource and know

		<p>regions they are found.(K)</p> <ul style="list-style-type: none">• Understand it is important to conserve forest(U)• Know about the wildlife found in different forest(K)• Understand the meaning of hunting and poaching(U)• Differentiate between wildlife sanctuary, biosphere reserves, national parks.(ANN)• Mark the wildlife sanctuary, biosphere reserves, national parks on the map of India.(APP)• Know the important steps taken by the government to conserve both forest and wildlife (K and APP) <p>Behavioral objectives: The student will</p> <ul style="list-style-type: none">• Realize how important all the non-renewable resources are.(U)• Realize that we should not waste the resources and be careful while using them.(APP)• Realize the importance of forest.(U)• Get aware of the products we get from forest.(U)• Get aware of the human intervention which are harmful for the forest and wildlife						<p>Ls2 The students will be asked to make a table representati on on the different types of the forests</p>	<p>it's importance.</p> <ol style="list-style-type: none">6. Know the different types of forest found in India.7. Understand it is important to conserve forest8. Know about the wildlife found in different forest.9. Understand the meaning of hunting and poaching10. Know the important steps taken by the government to conserve both forest and wildlife.11. Can differentiate between wildlife sanctuary, biosphere reserves, national parks.12. Can mark the famous wildlife sanctuary, biosphere reserves, national parks on map of India13. Realize how important all the non-renewable resources are.14. Realize that we should not waste the resources and be careful while using them.15. Realize the importance of forest.16. Get aware of the products we get from forest.17. Get aware of the human interventions which are harmful for the forest and wildlife.
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MONTH: DECEMBER

Subject	Topic	Learning/behavioral Objectives	Skills/ Values	Resource s/ Teaching Aids	Activities/Process	UN sustainable goal if targeted	Special Talk/ Parents' Involvement/ Field trip	Assessment	Learning outcome
ENGLISH	L-9 Matilda Is A Prodigy Present Perfect and Past Perfect	<p>Specific Objective: This lesson will enable the students to:</p> <ul style="list-style-type: none"> develop their reading and comprehension skills by reading with correct pronunciation and intonation and comprehending the exercises. (C and App) enrich their vocabulary by reading the text (K) develop oral and aural attention skills by listening to the text carefully and extracting details while answering the questions. (C) write creatively and think critically (App) to familiarize the students with some renowned prodigies (K) <p>Behavioral Objectives: This lesson will enable students to:</p> <ul style="list-style-type: none"> understand the importance of maintaining the decorum of the class. behaving our best in front of elders and not arguing or answering them back understand the theme of the lesson and recognize their own talents or qualities speaking quietly and politely and remain grounded if they're good at something understand that we must utilize our intelligence and become self dependent rather than being completely dependent on technology. develop respect for teachers understand the importance of completing the task assigned by the teachers in time. express their feelings to elders and seek for help if they want it. 	<p>Reading</p> <p>Speaking</p> <p>Writing</p> <p>Listening</p>	<p>Movie Show- The Gifted Child</p> <p>https://www.youtube.com/watch?v=J5slZnXlcv4</p> <p>Top 10 prodigies of the world</p> <p>https://www.youtube.com/watch?v=HSdFrWLyKbl</p>	<ul style="list-style-type: none"> Model and Silent Reading of the lesson Explore the internet and read about several prodigies <p>Just a minute session on various prodigies explored by the kids</p> <p>Diary Writing stating the experience of their first day at school in this session</p> <ul style="list-style-type: none"> Movie Show- The Gifted Child Documentary on child prodigies followed by a worksheet 			Speaking Skills(JAM), Listening Worksheet	<p>The students will:</p> <ul style="list-style-type: none"> read the lesson fluently and with correct pronunciation and intonation. enrich their vocabulary by reading the text be familiarized with some renowned prodigies understand the importance of maintaining the decorum of the class. learn to behave their best in front of elders and won't argue or answer them back recognize their own talents and qualities speak quietly and politely and remain grounded if they're good at something utilize their intelligence and become self dependent rather than being completely dependent on technology respect the teachers express their feelings to elders and seek them for help
HINDI	थप्प रांटी थप्प दाल व्याकरण—तुकांत शब्द, संवाद	<p>विशिष्ट उद्देश्य: कल्पना शक्ति का विकास करना। समझ शब्द भंडार में वृद्धि करना। ज्ञान</p> <ul style="list-style-type: none"> सार्थक व निरर्थक शब्दों का प्रयोग करने हेतु प्रेरित करना। ज्ञान <p>तुकांत शब्दों से परिचित कराना। ज्ञान</p>	काशल: बोलना		<p>गातिबोध: 1</p> <ul style="list-style-type: none"> छात्र गोल घेरा बनाकर बैठेंगे जिसमें वह तुकांत शब्दों का खेल खेलेंगे। समूहानुसार पौष्टिक व्यंजन लाकर आपस में मिल बाँटकर खाएँगे। 			डिब्बा बद व पौष्टिक खादय पदार्थों के मध्य संवाद तैयार कर प्रस्तुत करना। संवाद	<ul style="list-style-type: none"> संवाद को प्रभावी ढंग से बोलने का प्रयास कर सकेंगे। तुकांत शब्दों को मली-भाँति समझने एवं प्रयोग करने में सक्षम हुए।

	पढ़कू की सूझ व्याकरण – अपठित गद्यांश व पद्यांश	<p>तात्कालिक व छोट-छोट सवाद बनाना। विभिन्न ध्वनियाँ से परिचित कराना। ज्ञान चूल्हे के प्रायोगिक ईंधन का ज्ञान कराना। ज्ञान</p> <p>व्यावहारिक उद्देश्य:</p> <ul style="list-style-type: none">• आनंद की अनुभूति होना।• सहयोगी भावना विकसित करना। समझ नेतृत्व क्षमता विकसित करना। समझ स्वयं बनाकर व मिलकर खाना। समझ पौष्टिक आहार का महत्त्व जानेंगे। <p>व्यवहारिक उद्देश्य :</p> <p>प्रायोगिक ज्ञान व किताबी ज्ञान में अंतर। ज्ञान तर्कशक्ति का उपयोग हर जगह उपयुक्त नहीं। प्रयोग पुराने समय की तकनीकी का ज्ञान। ज्ञान गद्यांश व पद्यांश में अंतर जानेंगे। ज्ञान</p> <p>विशिष्ट उद्देश्य :</p> <p>कविता अनुसार वाचन स्पष्ट उच्चारण, नए शब्दों का प्रयोग, शब्दांश विकसित करना। ज्ञान रेफ()की मात्रा वाले शब्दों से परिचित कराना। ज्ञान कविता का मूल अर्थ समझना। प्रयोग, समझ सुनकर, पढ़कर समझने की क्षमता विकसित करना।</p>	कौशल – वाचन कौशल		<p>गतिविधि: 2 डिब्बा बंद व पौष्टिक खाद्य पदार्थों के मध्य संवाद तैयार कर प्रस्तुत करना।</p> <p>गतिविधि</p> <p>पढ़कू की सूझ कविता में एक कहानी कही गई है। इस कहानी को आप अपने शब्दों में लिखकर कक्षा में पढ़कर सुनाओ।</p> <p>—पहचान</p> <p>पढ़कू नई-नई बातें गढ़ते थे। बताओ ये लोग क्या गढ़ते हैं?</p> <p>सुनार, लुहार, कवि, कुम्हार, ठठेरा, लेखक मुहावरे:</p> <p>कोल्हू का बैल ऐसे व्यक्ति को कहते हैं जो कड़ी मेहनत करता है। मेहनत और कोशिश से जुड़े कुछ और मुहावरे नीचे लिखे हैं, इनका वाक्यों में प्रयोग करके लिखो एवं कक्षा में सुनाओ।</p> <p>दिन—रात एक करना 2 पसीना बहाना 3 एड़ी—चोटी का जोर लगाना 4 आकाश पाताल एक करना 5 आसमान के तारे तोड़ना आदि खेल—खेल में:</p> <p>पढ़कू का नाम पढ़कू क्यों पड़ा होगा?</p> <p>आप कौन—सा काम खूब मन से करना चाहते हो? उसके आधार पर अपने लिए भी पढ़कू जैसा कोई शब्द सोचो।</p> <p>रामधारी सिंह दिनकर की अन्य काई और कविता नेट से खोजो और कक्षा में पढ़कर सुनाओ। नीचे दिए गए शब्दों के अर्थ अक्षरजाल में खोजो</p>			<p>लेखन नैतिक मूल्य</p> <p>कार्य पत्रक— अपठित गद्यांश, पद्यांश मूल्यांकन बिंदु— वाचन कौशल उच्चारण भाषा प्रवाह बोध</p>	<ul style="list-style-type: none">• छात्र समूह में स्वयं के उत्तरदायित्व के प्रति सजग हो सकेंगे।• आपस में मिल-बाँटकर खा सकेंगे। <p>—प्रायोगिक ज्ञान एवं किताबी ज्ञान में अंतर समझने का भाव परिलक्षित हुआ।</p> <p>— प्रचीन तकनीक का ज्ञान हुआ।</p> <p>— अल्पभाषी होने के महत्व को समझा।</p> <p>— शुद्ध वर्तनी का ज्ञान हुआ।</p> <p>सुनकर समझने की क्षमता विकसित हुई।</p> <p>—स्पष्ट उच्चारण, नए शब्दों का प्रयोग में निपुणता आई।</p> <p>शब्दांश विकसित हुआ।</p> <p>अपठित पद्यांश (भाषा प्रवाह) विकसित हुआ।</p>
MATHS	Geometry (lines and angles, circles)	<p>Line and angles</p> <p>Specific Objectives</p> <ol style="list-style-type: none">1. Observe and identify the Point, Line, Line Segment and Ray(K)2. Compare and differentiate between Point, Line, Line Segment and Ray(An)3. Draw, represent, label the Point, Line, Line Segment and Ray(Ap)4. Identify angles around them(K/Ap)5. Classify different types of angles such as acute, obtuse, right ,straight angles(An)6. Trace the angles through hands on activity(Ap)7. Construct different types of angles such as acute, obtuse, right, and straight angles(Ap)8. Measure different types of angles such as acute, obtuse, right, and straight angles(Ap) <p>Behavioral Objectives-</p> <ol style="list-style-type: none">1. Line, line segment is used in creating different shapes. It is also used in construction of building, architecture,	Abstract, Logical, Critical Thinking, The ability to reflect critically	Books, Videos, Geoboar d, comput er lab	<p>Video- https://www.youtube.com/watch?v=GA_AiyOltY-Y</p> <ol style="list-style-type: none">1. Class line up2. Lets explore3. Japanese fans <p>Video- https://www.youtube.com/watch?v=UgfSwlqi4Qg</p> <ol style="list-style-type: none">4. Angles on clock.			Worksheets And activities and critical thinking question	<p>Line and angles</p> <p>the student will :</p> <ol style="list-style-type: none">1. Observe and identify the Point, Line, Line Segment and Ray2. Compare and differentiate between Point, Line, Line Segment and Ray3. Draw, represent, label the Point, Line, Line Segment and Ray4. Identify angles around them5. Classify different types of angles such as acute, obtuse, right ,straight angles6. Trace the angles through hands on activity7. Construct different types of angles such as acute, obtuse, right, and straight angles8. Measure different

	Area Perimeter	<p>in arranging things etc.</p> <p>2. Different dance postures have different angles.</p> <p>circles</p> <p>Learning Objectives –</p> <ul style="list-style-type: none"> To identify circular objects in their surroundings and associate them with circles.(K). To explain centre, radius and diameter of a circle.(U) To compare different drawings of circle to understand that the size of a circle varies when the radius changes.(An) To draw circles of different radii using a compass(Ap). <p>Behavioral Objectives-</p> <p>1. To identify the shape circle in real life objects like coin, circle, chapati etc.</p> <p>2. In making decorative items like wall hangings.</p> <p>3. In making rangoli.</p> <p>4. Circular motion in real life like an animal (horse) used to extract oil, merrygo round etc.</p> <p><u>Area and perimeter</u></p> <p><u>LEARNING OBJECTIVES</u> : Students will be able</p> <p>1. to understand perimeter as the distance along the boundary(U)</p> <p>2. to understand area as the measure of amount of space occupied by a region(Closed Plane Figure)(U)</p> <p>3. to find the perimeter on a geoboard(Ap)</p> <p>4. to differentiate between area and perimeter(U)</p> <p>5. to find area of 2D figures by counting unit squares(Ap)</p> <p>to construct shapes with the same area but different perimeter(An)</p> <p><u>BEHAVIORAL OBJECTIVES</u> :</p> <p>1. to relate concept of perimeter in border, fencing</p> <p>2. to relate concept of area in window panes, decorating/arranging articles on soft board.</p>			<p>Circles Video-</p> <p>https://www.youtube.com/watch?v=CwtGrC0H_I0</p> <ol style="list-style-type: none"> create and sing lets explore I can do Compass compass Concentric circles Show creativity. <p><u>Area and Perimeter</u> Introductory activity:</p> <p>Activity 1) : Going Around Activity 2 : Tape to Craft Activity 3 : Geoboard Real Life Application :Poster Making Area:</p> <p>https://www.youtube.com/watch?v=VZArO xGyso4 (Area)</p> <p>Activity 1 : (connecting maths cubes)</p> <p>Activity 2: Name banners</p> <p>Activity 3: Masterpieces</p> <p>https://www.youtube.com/watch?v=1c4U6 msZ6DE (Differentiate between Area & Perimeter)</p> <p>https://www.youtube.com/watch?v=INMMhj f8KQk (Shapes with Same area can have different perimeter)</p> <p>Activity 1: cheese crackers</p> <p>Activity 2) : design the garden <u>Activity to enhance thinking</u></p> <p>Real Life Application : Soft Board Decoration</p>		<p>types of angles such as acute, obtuse, right, and straight angles</p> <p><u>Circles</u></p> <ul style="list-style-type: none"> identify circular objects in their surroundings and associate them with circles.(K). explain centre, radius and diameter of a circle.(U) compare different drawings of circle to understand that the size of a circle varies when the radius changes.(An) draw circles of different radii using a compass(Ap). <p><u>Area and perimeter</u></p> <p><u>Learning outcomes</u> The students will ,</p> <p>Students will</p> <ul style="list-style-type: none"> understand perimeter as the distance along the boundary(U) understand area as the measure of amount of space occupied by a region(Closed Plane Figure)(U) find the perimeter on a geoboard(Ap) differentiate between area and perimeter(U) find area of 2D figures by counting unit squares(Ap) construct shapes with the same area but different perimeter(An)
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MATHS	patterns	<p><u>Specific Objectives</u></p> <ol style="list-style-type: none"> 1. identify & complete patterns- Number, Shape , colour (An) 2. identify Symmetrical figures(K) 3. Complete the Symmetrical figures (An) 4. draw the Line of symmetry(Ap) <p><u>Behavioral Objectives</u></p> <ul style="list-style-type: none"> • understand that patterns provide a sense of order and sequencing . • understand that patterns allow to think logically and enhance mental skills. • correlate and postulate based on recurring patterns. • understand patterns in the dynamic behavior of family life, a traffic jam, or a game. • Observe patterns in sarees,on carpets, building 	Understanding, application analysis and observation.	Books and videos	<ul style="list-style-type: none"> • Nature" s walk • tile patterns (tessellation) • making jewelry • soft board borders arrangement of toy cars • mask making • Symmetry using colours and threads • Reflection of alphabets and letters. • Shadow dictation. • Table arrangement. 			Worksheets activities critical thinking questions.	<ul style="list-style-type: none"> • identify & complete patterns- Number, Shape , colour (An) • identify Symmetrical figures(K) • Complete the Symmetrical figures (An) • draw the Line of symmetry. Create your own patterns
SCIENCE	Chapter 10- Force,work and energy	<p>I - <u>Specific Objectives</u></p> <p>Students will be able to –</p> <p>Knowledge</p> <ul style="list-style-type: none"> • Define force with examples. • Define work and explain it. <p>Understanding</p> <ul style="list-style-type: none"> • Explain different types of forces • Understand energy and its sources • Understand simple machines and its six types <p>Analysis</p> <ul style="list-style-type: none"> • Differentiate between sources and forms of energy • Differentiate between renewable and nonrenewable sources of energy <p>II - Behavioral Objectives</p> <p>Students will be --</p> <ul style="list-style-type: none"> -Aware of different types of forces which they experience in their daily life. -Able to reason every day science happening which they experience in their life like falling of things, stopping of ball, skidding of bikes etc.... -Develop sensitivity towards judicious use of fuels and non- renewable sources of energy. -Able to make compost using bio-degradable wastes. 	Observational, Research, Communication, Presentation, Imagination skills etc	Pictures of the objects showing different forces, coin, cars with two surfaces, sling shot, magnets and some magnetic and non-magnetic materials, scale Video force, work and energy- https://www.youtube.com/watch?v=PD7a1EWjsTcrenewableandnonrenewablesourcesofenergy:https://www.youtube.com/watch?v=	<ul style="list-style-type: none"> • <u>Warm up</u> • Interdisciplinary activity (PE) • Activity 2: <p>Types of forces: Gravitational,muscular,frictional,electrostatic force.</p> <p><u>Activity-3</u> Students will be shown a video on force</p> <p>Activity -4 The students will be shown video clip on work and energy.</p> <p><u>Topic- Energy</u></p> <p><u>Activity -5</u> Discussion on the types of energy followed by video.</p> <p>Activity-6 Organizing games like “Tug of war” between two groups in the class for demonstrating different kinds of forces.</p>			worksheet	<p>Students will -</p> <ul style="list-style-type: none"> • Know about force and its types. • Understand what is work • Know the importance of energy in life. • Realize the importance of saving and using alternative sources of energy.

				wMOpMka6 PJI Video on energy and its types- https://www.youtube.com/watch?v=NKJifzlOSoQ Chemical energy- https://www.youtube.com/watch?v=Aw0urpKrN4A Geothermal energy- https://www.youtube.com/watch?v=D22Z_Ynz4fY Nuclear energy- https://www.youtube.com/watch?v=FNNKhE1FNNM					
SOCIAL SCIENCE	Ls.9-Soils of India	LEARNING OBJECTIVES: Students will learn <ol style="list-style-type: none"> About what soil is and pedology (study of soil).(U) About the process of formation of soil and the term weathering(U) Understand that soil is a natural resource.(U) Types of soil found in India.(K) Understand the features/qualities of different types of soil.(U) Understand that all kinds of crops cannot be grown in all types of soil.(U) Read the map & identify the areas of the diff. types of soil found in the country.(APP) Understand fertility of soil and its importance.(U) Ways to maintain and enhance the fertility of soil and enrich moisture 	Critical Thinking Establishing Relationship with men and environment	Different types of soil Videos https://www.youtube.com/watch?v=uS7zfeK4OTQ&t=189s	Activity 1 Discussions along with the videos will be shown Activity 2 Students will be collecting various types of soils and then will proceed with the discussion on the same Activity 3 A talk with the Gardener will be organised Activity6 Map work Activity 7 Poster making			Assesment Poster making	Learning Outcome The students will know: <ol style="list-style-type: none"> Soil and its formation Soil as a resource Types of soil at different places in India Crops grown in different types of soil Fertility and it's importance Ways to enhance fertility (Terrace Farming, Crop Rotation, Shifting Agriculture) Soil Erosion and Deforestation as it's major reason Soil conservation and Afforestation & Reforestation as it's

		<p>retention in soil.(U)</p> <p>10. Understanding Humus as remains of dead plants and animals which make soil very fertile.(U)</p> <p>11. Understanding Terrace Farming as forming steps on hills for farming.(U)</p> <p>12. Understanding Crop Rotation as process of growing different crops in each season in the same area of land(U)</p> <p>13. Understanding Shifting Agriculture as area cleared of vegetation & cultivated for few years and then abandoned for a new area until it gains back its fertility naturally.(U)</p> <p>14. Ways to conserve soil.(ANN)</p> <p>15. Understanding leaching as seeping of water deep inside and leaving salt in the soil.(U)</p> <p>16. Understanding Soil erosion as washing away the top layer of soil.(U)</p> <p>17. Understanding deforestation as cutting hundreds of trees in a forest.(U)</p> <p>18. Understanding afforestation as growing of hundreds of trees.(U)</p> <p>19. Understanding reforestation as replanting an area with trees.(U)</p> <p>20. Uses of natural manure.(APP)</p> <p>21. Measures taken to protect plants and crops(K)</p> <p>22. To comprehend the term ecological balance.(U)</p> <p>23. Visualize the consequences of ecological imbalance.(U)</p> <p><u>BEHAVIOURAL OBJECTIVE</u></p> <p>The students will:</p> <p>1. Recognize soil as house of various organisms.(U)</p> <p>2. Care more about the environment.</p> <p>3. Get aware to grow more plants/trees and sensitize other children.(U)</p> <p>4. Become aware of the ill effects of deforestation and sensitize people.(U)</p> <p>5. Understand how a farmer works hard to grow crops.(U)</p> <p>6. Understand the journey of food from farms to plate.(U)</p> <p>7. Will able to relate the strong</p>							<p>best way</p> <p>9. Importance of soil in managing ecological balance</p>
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		<p>anchoring of the plant in stiff soil compared to loose soil with the family as if family grows and lives together when we have strong bonding. If the bond is loose then there will be no love and family will break similarly if the soil is loose, plant will not</p> <p>Process/Activities A story will be delivered where a child wants to grow his favourite Rose plant. To grow the plant he follows a correct method of planting and watering the plant. But then too the plant does not grow properly.</p> <p>The reason behind not having the proper growth of the plant will be discussed where as an assumed answer the students will also speak about the fertility of soil or type of soil and the discussion will be continued.</p> <p>This discussion will give the idea about the knowledge and understanding of the students related to the topic.</p>							
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MONTH: JANUARY

Subject	Topic	Learning/behavioral Objectives	Skills/ Values	Resources / Teaching Aids	Activities/Process	UN sustainable goal if targeted	Special Talk/ Parents' Involvement/ Field trip	Assessment	Learning outcome
ENGLISH	L-8 Mulan Subject verb agreement (4 Rules), Adverb	<p>This lesson will enable the students to:</p> <p>Specific Objectives:</p> <ul style="list-style-type: none"> enhance the creativity and writing skills through comic strip making [Ap] realize the importance of mother in their life [C] appreciate the contribution of females in different fields [K] to know about the contribution of great freedom fighters of India [C] identify the words used to express feelings and use them aptly [K+Ap] enhance their knowledge about the famous personalities (women) of the world and their achievements [K] <p>Behavioral Objectives:</p> <p>This lesson will enable the students to:</p> <ul style="list-style-type: none"> develop the feeling of patriotism learn about the successful women in the world [K] sensitize them about the importance of self defence training understand the parent child relationship be responsible towards their family develop respect and admiration for women develop respect for the sacrifice and dedication of the soldiers 	<p>Reading</p> <p>Speaking</p> <p>Writing</p> <p>Listening</p>	<p>Documentary on the freedom fighters/woman achiever of India</p> <p>https://youtu.be/Rcs1zZonZ_A</p>	<p>Loud reading in the class</p> <p>Comprehension on the freedom fighters of India</p> <p>JAM- My mom, my hero recognizing the contributions and sacrifices made by mother</p> <p>Comic strip making based on several situations</p> <p>Documentary on the freedom fighters/woman achiever of India</p>	Gender Equality		Comprehension Worksheet based on vocabulary [C]	<p>Students will -</p> <ul style="list-style-type: none"> create a comic strip based on simple situations identify the masculine and feminine nouns and use modern expressions for professions enhance their grammar by learning about modals. improve vocabulary by learning silent letters feeling words appreciate the women achievers and develop respect for them develop love and respect for their country and be patriotic understand the importance of self defense
HINDI	<p>मनके भाले – भाले बादल व नाव बनाओ – नाव बनाओ</p> <p>व्याकरण – विराम चिह्न का पुनर्अभ्यास, हिन्दी माह, अंग्रेजी माह, ऋतुएँ</p>	<p>विशेष उद्देश्य:</p> <ul style="list-style-type: none"> हाव-भाव के साथ कविता कहना- प्रयोग शब्द भंडार । ज्ञान रचनात्मकता प्रयोग विराम चिह्नों की जानकारी- ज्ञान हिन्दी माह की जानकारी- ज्ञान ऋतुओं की जानकारी- ज्ञान <p>व्यवहारिक उद्देश्य:</p> <ul style="list-style-type: none"> प्रकृति का सामीप्य । समझ बालपन के आनंद की अनुभूति समझ कल्पनाशीलता समझ 	कोशलः अभिव्यक्ति (मौखिक, लिखित)		<p>गतिविधि (1)</p> <p>मेरी कल्पना पाठ पढ़ाने से पूर्व छात्रों को पेन व डायरी लेकर विद्यालय प्रांगण में ले जाया जाएगा गतिविधि दी जाएगी कि आसमान में देखें व लिखें कि आपको बादल कैसे दिखाई देते हैं ।</p> <p>गतिविधि (2)</p> <p>कैसे-कैसे बादल चित्र बनाइए :- (कला शिक्षक के सहयोग से)</p> <p>काले-काले डरावने गुब्बारों से गालों वाले हल्के-फुल्के रुई से बादल</p> <p>गतिविधि (3)</p> <p>नाव बनाना- (कला शिक्षक के सहयोग से)</p> <p>विभिन्न प्रकार की कागज की नाव बनाएँगे (रंग-बिरंगी)</p> <p>मौसम की जानकारी- (विज्ञान/ समाजिक विज्ञान शिक्षिका द्वारा)</p> <p>समूह अनुसार छात्र कैलेण्डर बनाएँगे (हिन्दी व अंग्रेजी माह)</p>			<p>मूल्यांकन गतिविधि :- कार्य-पत्रक (नैतिक मूल्यों पर आधारित प्रश्न, व्याकरण –विराम चिह्न, हिन्दी माह व ऋतु) वाक्य रचना/विराम चिह्न कारक चिह्न शब्द भंडार</p>	<ul style="list-style-type: none"> हाव-भाव के साथ कविता सुनाई- शब्द भंडार बढ़ा- रचनात्मकता व कल्पनाशीलता उभारने का प्रयास किया- प्रकृति के सामीप्य की आनंद की अनुभूति की हिन्दी व अंग्रेजी माह की जानकारी- ऋतुओं की जानकारी

MATHS	Time and money	<p><u>TIME-</u> Students will be able</p> <ol style="list-style-type: none"> 1. to read calendar (K) 2. to read and discuss time from clock in minutes, half hours and quarters(U) 3. to tell before and after time(An) 4. to find duration in hours, minutes and days(Ap) 5. to understand relation between different units (U) 6. to convert into different units of time (Ap) 7. to understand 24 hour clock time(U) 8. to understand difference between 12 hour and 24 hour clock time(U) 9. to convert 24 hour clock time to 12 hour and vice versa(Ap) 10. to solve word problems based on time(Ap) <p><u>- Behavioral Objectives</u> Students will be able</p> <ol style="list-style-type: none"> 1.to understand importance of time(time waits for no one, every second counts) 2.to learn time management and prioritize the work 3.to learn where all time period is used in daily life 4.to understand that 24 hour clock time is used in railway time tables, airlines, army 5.to know that when you move towards east time gets added and when you move towards west it gets subtracted <p><u>MONEY-</u> Students will be able to-</p> <ol style="list-style-type: none"> 1. Recap money as medium of exchange and mode of payment.(K) 2. Identify and compare the values of coins and notes. (K) 3. Associate money with other expenses and incomes and mode of payments like pay money for the electricity we use, internet, mobile etc. Also buying and selling(bank accounts, cheque, withdrawal) (U) 4. understand that other than purchasing things we have to pay money for the electricity we use, internet, mobile etc 	<p>Understand- ing, logical thinking, observation sharing, cooperation .</p> <p>Students will develop logical and reasoning skill.</p>	Videos, jigsaw puzzle, calendar	<ul style="list-style-type: none"> • linkbook activity • calendar magic • schedule • jigsaw puzzle • railway time table • birth certificate • duration of day and night • age in months and days • list the expiry dates • time line • time management activity • one minute game • class time table <p><u>Introductory activity-</u> Students will prepare money map, and write real life applications of money that where do we use money? Activity1 Students will play the game in pairs. They will roll 2 dice and add the number that appears on the dice. They will show the number with coins Activity 2 Monopoly game Activity 3- Students will be given few responsibilities like taking care to switch off the fans and lights, submission of work on time, being polite and well mannered, keeping the surroundings clean for which they will earn rewards (1 star for 1 job).</p>	https://www.youtube.com/watch?v=jtJkHIKBE1Q	Observation discussion, activities, worksheet, practice sheet	<p>Students will,</p> <ol style="list-style-type: none"> 1.read calendar (K) 2.read and discuss time from clock in minutes, half hours and quarters(U) 3.tell before and after time(An) 4.find duration in hours, minutes and days(Ap) 5.understand relation between different units (U) 6.convert into different units of time (Ap) 7.understand 24 hour clock time(U) 8.understand difference between 12 hour and 24 hour clock time(U) 9.convert 24 hour clock time to 12 hour and vice versa(Ap) 10. solve word problems based on time(Ap) <p>Students will learn-</p> <ol style="list-style-type: none"> 1.Recap money as medium of exchange and mode of payment.(K) 2. Identify and compare the values of coins and notes. (K) 3.Associate money with other expenses and incomes and mode of payments like pay money for the electricity we use, internet, mobile etc. Also buying and selling(bank accounts, cheque, withdrawal) (U) 4.understand that other
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		<p>(U)</p> <p>5. convert money from rupee to paise and paise to rupees. (AP)</p> <p>6. deal with operations (addition, subtraction, multiplication) in reading and correcting bills.(AN)</p> <p>7. solve word problems and application based questions related to money.(AP &AN)</p> <p><u>Behavioral Objectives</u></p> <p>Students will:</p> <p>1. understand the value of money</p> <p>2. understand that we need money to buy things and it is earned by doing work</p> <p>3. learn about invisible money(Plastic money)</p> <p>4. learn how to budget(how to spend money)</p> <p>5. understand that there is a difference between things you need and things you want</p> <p>6. develop shopping strategies(Comparing prices and shopping around for the best price)</p>			<p>Activity 4 Students will be explained the difference between want and need.</p> <p>Students will prepare a wishlist of various items.</p> <p>Activity 5 –Students will be shown electricity bills. They will learn to find the amount spent per day on the electricity used</p> <p>Activity 6- Students will be shown a bank passbook. They will understand money transaction in banks</p> <p>Activity 7-Shopping cart. Activity 8- Students will be given amounts and asked to order the items from the pricelist of a shop.</p> <p>Activity 10Students will bring wrappers, empty boxes of various things and observe the price of the items. They will learn to convert rupees into paise.</p> <p>Activity 11</p> <p>A menu card will be provided to the students. They will learn to order the things keeping in mind the money they have and also to find the total amount to be paid.</p>				<p>than purchasing things we have to pay money for the electricity we use, internet, mobile etc (U)</p> <p>5.convert money from rupee to paise and paise to rupees. (AP)</p> <p>6.deal with operations (addition, subtraction, multiplication) in reading and correcting bills.(AN)</p> <p>7.solve word problems and application based questions related to money.(AP &AN)</p>
SCIENCE	Ch11-The Solar System.	<p><u>I - Specific Objectives</u></p> <p>Knowledge:</p> <p>1. Know how Earth was formed.*/**</p> <p>2. Know about the eight planets. */**</p> <p>3. Know some important facts related to Sun, Moon, Planets, stars etc</p> <p>Understanding</p> <ul style="list-style-type: none"> Understand about our Galaxy- Milky way*/** Understand about the stars and constellations.*/** Understand the phenomenon of rotation and revolution and relate it with the occurrence of day and night and seasons.*/** <p>Application</p> <p>Analysis</p> <p>Synthesis</p> <p>Evaluation</p> <p>II - <u>Behavioral Objectives</u></p> <p>+The students will be able to:</p> <p>Acknowledge Earth as part of solar</p>	Observational, Research, Communication, Presentation, Imagination skills etc	<p>https://youtu.be/RubnGwhcT6E-- - Milky way/ galaxies</p> <p>https://youtu.be/RJ2bQWH6GC M---</p> <p>planets of the solar system</p> <p>https://youtu.be/bWeaQctUp1c---- phases of the moon</p> <p>https://www.youtube.com/watch?v=kJOvxQEIfLc-----</p>	<ul style="list-style-type: none"> <u>Warm up: General Discussion Activity-1</u> <p>Students will find out the information about the Solar system, planets and perform a role play.</p> <ul style="list-style-type: none"> <u>Activity-2</u> <p>The students will be shown videos on the following topics</p> <ul style="list-style-type: none"> <u>GALAXY</u> Milky way, universe <u>THE SOLAR SYSTEM</u> The Solar System-dwarf planets, comets and asteroids <u>MOON</u> <u>Activity:3</u>To show that moon reflects the light of the Sun <p>Activity- Video on MOVEMENTS OF THE EARTH</p>		-	Group Activity – Making model of the Solar System	<p>The students will</p> <ol style="list-style-type: none"> 1. Explain the important features of the eight planets of the solar system. 2. Know about the different phases of moon and its relation with various festivals and occurrence of tides 3. List the types of artificial satellites and their uses 4. Learn about the famous constellations found in the sky. 5. Know how the earth was formed 6. Describe the different layers of the earth 7. Explain how day/

		<p>system and unique</p> <ul style="list-style-type: none"> • features that makes life possible on earth. • Aware about the different planets and their unique identification features. • Acknowledge moon as a natural satellite. • Identify stars as luminous objects and simple constellations like Ursa Major. • Co-relate occurrence of day and night with rotation of earth and different seasons with revolution of earth. 		<p>why tides occur?</p> <p>https://youtu.be/96Vsd sR_JRo-----</p> <p>Natural and artificial satellite</p> <p>https://youtu.be/ej9Ry ofiZgE-----</p> <p>Application of artificial satellites (English)</p> <p>https://youtu.be/24wO 1G_7fyc-----</p> <p>-- Layers of Earth for kids</p> <p>https://youtu.be/hWkK Skl3gkU-----</p> <p>- rotation & revolution for 4&5</p> <p>https://youtu.be/UICLX 27NqMg-----</p> <p>- Seasons Reasons</p> <p>https://youtu.be/p6qZ MWUFQLU-----</p> <p>Eclipses</p>					<p>night occurs due to rotation of earth and seasons because of the revolution.</p> <p>8. Describe the phenomenon of solar and lunar eclipse .</p>
SOCIAL SCIENCE	<p>Ls.11- Water Resources in India</p> <p>Ls.12- Mineral Resources of India</p> <p>Ls.13- Agriculture in India</p>	<p>The students will be able to</p> <ul style="list-style-type: none"> • Know and realise that all living beings need water (K and U) • Comprehend different forms of water (K) • Understand that we get water from seas, oceans, rivers and lakes in liquid form. (U) • Know about evaporation (K) • Understand about condensation (U) • Know about precipitation (K) • Learn about sources of water (K) • Understand how water gets polluted 	<p>Conceptual Understanding Critical Thinking Establishing Relationship with Men And Environment</p>	<ul style="list-style-type: none"> • Pie chart showing availability of water on earth • Map of India • Pictures or videos related to 	<p>Water Activity 1</p> <ul style="list-style-type: none"> • Students will be asked to list sources and uses of water <p>Activity 2</p> <ul style="list-style-type: none"> • Video on water cycle will be shown which will be followed by discussion. <p>Activity 3</p> <p>Through the experiment students will be shown water evaporation, condensation and precipitation</p> <ul style="list-style-type: none"> • There will be discussion on the 			<p>assesment Worksheet</p>	<p>The student</p> <ol style="list-style-type: none"> 1. Realize water as a resource. 2. Know about sources of water- Natural and artificial 3. Can define perennial and non-perennial rivers 4. Know the meaning of term irrigation 5. Know the different uses of dam 6. Analyse the effects of making dams on local

		<ul style="list-style-type: none"> Learn the effects of water pollution (U) Understand preventive measures taken for water pollution (U and AP) Learn to save water (U and AP) <p><u>BEHAVIOURAL OBJECTIVES</u></p> <p>Students will</p> <ul style="list-style-type: none"> Realise the importance of water (U) Learn not to pollute water bodies (U and AP) Bring awareness amongst people to save and not pollute water <p>Minerals</p> <p>The student will be able to</p> <ul style="list-style-type: none"> Realize minerals as a resource.(U) Know about types of minerals- metallic and nonmetallic(K) Define metallic and non-metallic minerals with examples(K) Know the meaning of term mining and ores(U) Learn the different uses of minerals(APP) Know the places in India where they are found(K) Realize the importance of using minerals wisely(U) Learn ways to conserve minerals(APP) Know the alternative ways to conserve non-renewable resources(K) <p>Behavioral objectives:</p> <p>The student will</p> <ul style="list-style-type: none"> Try to replace the use of minerals and fossil fuels by alternative means(APP) Remember to avoid the practices which can waste minerals and fossil fuels.(APP) Create awareness for conserving minerals <p>Agriculture</p> <p>The student will be able to</p> <ul style="list-style-type: none"> Know what is agriculture?(U) Learn about cropping seasons rabi(sown in summer) and kharif(sown in winter)(K) Learn about types of crops(K) Define food crops as crops grown for 	<p>Minerals</p> <p>Presentation Map</p> <p>Legends</p> <p>Observation</p>	<p>different dams</p> <p>Links</p> <p>https://youtu.be/9pqh6tIEOhs</p> <p>Mineral</p> <ul style="list-style-type: none"> Pie chart showing availability of different types of minerals Map of India Pictures of different minerals Scrapbook Video <p>https://youtu.be/8a7p1NFn64s (what are minerals)</p> <p>https://youtu.be/hTw9LVMBLns (steel production)</p> <p>metallic mineral</p> <p>https://youtu.be/sc24cSZJQcg (TATA steel jameshdpur)</p> <p>https://youtu.be/nr7JlmmQljg (how coal is extracted)</p> <p>non-mettallic</p>	<p>causes of water pollution.</p> <ul style="list-style-type: none"> There will be group discussion in which students will realise that how human activities are responsible for water pollution. Ways on cleaning the water will be told by the teacher. Students will visit to their neighbours to convey the message not to pollute water bodies by throwing the garbage. Students will prepare a song on saving water. <p>Through the skit students will convey the message to save water</p> <p>Minerals</p> <p>Activity 1</p> <p>Videos will be shown to the students</p> <p>Activity 2</p> <p>Pie chart making</p> <p>Activity 3</p> <p>Map Work</p> <p>Activity 4</p> <p>A list of the types of minerals will be made by the students.</p> <p>Agriculture</p> <p>Activity 1</p> <p>A riddle game will be played in the class</p> <p>Activity 2</p> <p>Map work will be done</p> <p>Activity 3</p> <p>Students will write the recipe of their favourite dish</p> <p>Activity 4</p> <p>Videos will be shown to the students</p>			<p>Minerals</p> <p>Assesment</p> <p>Map work</p>	<p>Agriculture</p> <p>Assesment</p> <p>The students will be writing the recipe of their favourite dish and will be segregating the ingredients into food crops and cash crops</p>	<p>people</p> <p>7. Realize the importance of using water wisely</p> <p>8. Learnt to conserve water</p> <p>9. Try to save water</p> <p>10. Remember to avoid the practices which can pollute water</p> <p>Create awareness for conserving rainwater</p> <p>Minerals</p> <p>The student</p> <ul style="list-style-type: none"> Realize minerals as a resource. Know about types of minerals- metallic and nonmetallic Define metallic and non-metallic minerals with examples Know the meaning of term mining and ores Understands the process of mining coal and petroleum. Understands the process of making steel. Learn the different uses of minerals Know the places in India where they are found Realize the importance of using minerals wisely Learn ways to conserve minerals Know the alternative ways to conserve non-renewable resources Try to replace the use of minerals and fossil fuels by alternative means Remember to avoid the practices which can waste minerals and fossil fuels. Create awareness for conserving minerals
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		<p>human consumption(K)</p> <ul style="list-style-type: none">• Define cash crops as crops grown to be sold in the market or used in industries(K)• Know the climate required for growing crops mentioned(K)• Know the states where the particular crops are grown.(K)• Understand the concept of Green Revolution(U)• Know that farmers rear cattle and other animals along with farming which is known as livestock rearing.(K)• Learn the meaning of plough and about the different types of spices(K) <p>Behavioral objectives: The student will</p> <ul style="list-style-type: none">• Feel respect towards farmers• Realize the hardwork done by farmers in bringing crops from field to the plate.(U)• Realize the importance of food and will try not to waste it.(U)• Understand that agriculture is also the source of living for many people.(U)		<p>mineral https://youtu.be/pWW6bSSaPZk (how petrol is formed and extracted</p> <p>Agriculture Map Videos https://youtu.be/yVFD EGdYVro (meaning of agriculture) https://youtu.be/e7NpaII-0hg (green revolution)</p>					<p>Agriculture The students-</p> <ul style="list-style-type: none">• Know what is agriculture?• Learn about cropping seasons rabi(sown in summer) and kharif(sown in winter)• Learn about types of crops• Define food crops as crops grown for human consumption• Define cash crops as crops grown to be sold in the market or used in industries• Know the climate required for growing crops mentioned• Know the states where the particular crops are grown.• Understand the concept of Green Revolution• Know that farmers rear cattle and other animals along with farming which is known as livestock rearing.• Learn the meaning of plough and about the different types of spices• Feel respect towards farmers• Realize the hardwork done by farmers in bringing crops from field to the plate. <p>• Realize the importance of food and will try not to waste it. Understand that agriculture is also the source of living for many people</p>
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MONTH: FEBRUARY

Subject	Topic	Learning/behavioral Objectives	Skills/ Values	Resources / Teaching Aids	Activities/Process	UN sustainable goal if targeted	Special Talk/ Parents' Involvement/ Field trip	Assessment	Learning outcome
ENGLISH	L-7 Dr. Dolittle Learns A New Language, Poem – If You Give Mouse A Motorcycle Adjective, Preposition	Learning Objectives: This lesson will enable the students to: <ul style="list-style-type: none"> • enhance vocabulary by learning about sounds of different animals [K] • enhance their speaking skills by learning about making polite requests and giving polite responses [K +Ap] • recapitulate adjectives by describing the characters of the story [K] • enhance their listening and comprehension through various listening activities [C] • improve their awareness related to animals [K] • appreciate poetry. [An] • listen to the poem and recite it with appropriate actions and expressions. [Ap] • enrich their vocabulary by getting acquainted with the verbs used in the poem. [K] • read and identify the rhyming words with specific sounds[An] Behavioral Objectives: This lesson will enable the students to: <ul style="list-style-type: none"> • realize the importance of different ways of communication • sensitize towards animals and their problems • understand the importance of helping others • understand the importance of taking care of others • understand the importance of politeness • understand the consequences of doing things that aren't age appropriate. • think imaginatively and enjoy the poem throughout. • understand the consequences of rash driving • develop sensitivity towards the animals ill treated in the circus for our entertainment. 	Reading Speaking Writing Listening	Videos on taking care of animals https://youtu.be/tm5NflNptPc	Picture Reading Role Play-Making Polite Request Character Sketch of Dr. Dolittle Listening and drawing Talk by veterinarian			1)Listening Worksheet 2)Picture Reading	The students will – <ul style="list-style-type: none"> •enhance their vocabulary •improve their listening and comprehension through listening activities •understand the importance of politeness •understand the appropriate usage of phrases and idioms in language •develop values like helping and caring •appreciate poetry and recite the poem well with proper expression. •understand the consequences of doing things that aren't age appropriate. •think imaginatively and visualize the events mentioned in the poem •understand the consequences of rash driving •develop sensitivity towards the animals who are ill treated in the circus for our entertainment. •compose a diamond shape poem •identify and use the rhyming words with specific sounds

HINDI	व्याकरण पर आधारित पुनर्अभ्यास								
MATHS	Measure ment	<p>Students will be able</p> <ul style="list-style-type: none">To estimate, measure, and record length, height and distance, using standard units (i.e. millimetre, (An) centimetre, metre, kilometre).To estimate, measure, and record the weight of objects, using the standard units of the kilogram and the gram. (An)To estimate, measure and record the capacity of containers, using the standard units of litre and millilitre. (An)To relate between various units of length,weight and capacity (Ap)convert of bigger units into smaller units and vice versa(An)add and subtract metric measures.(Ap)Word problems(Ap) <p>Behavioral Objectives</p> <ul style="list-style-type: none">Measurement with real life while calculating length , distance,weights.Small inputs can bring big change.Everything needs to have balance then only the desired aim is achieved.Realize that each object in any form can be measured easily.Importance of unit.	Logical, Application, Calculation, Observation Thinking & Analysis	Books videos math lab	<ol style="list-style-type: none">solids and liquids activity.Group activity (aeroplane throw..)Measuring height and weight of students.Weighing balance activityFruit punch activity			Worksheets And activities and critical thinking question.	<ul style="list-style-type: none">estimate, measure, and record length, height and distance, using standard units (i.e. millimetre, (An) centimetre, metre, kilometre).estimate, measure, and record the weight of objects, using the standard units of the kilogram and the gram. (An)estimate, measure and record the capacity of containers, using the standard units of litre and millilitre. (An)relate between various units of length,weight and capacity (Ap)convert of bigger units into smaller units and vice versa(An)add and subtract metric measures.(Ap)Word problems(Ap)
SCIENCE	CHAPTER-12 KEEPING OUR EARTH CLEAN	<p>I - Specific Objectives</p> <p>The students will be able to</p> <p>Knowledge-</p> <ul style="list-style-type: none">Learn the importance of environmentDefine pollution <p>Understanding</p> <ul style="list-style-type: none">Understand how human activities have added or aggravated the causes of pollution.Identify the types of waste – biodegradable and non –biodegradableUnderstand the impact of pollution. <p>understand about the 3R's</p> <ul style="list-style-type: none">Understand that plants purify the air. <p>Analysis</p> <ul style="list-style-type: none">Differentiate among air, water and land pollution. <p>Application</p> <ul style="list-style-type: none">List the do's and dont's to prevent	Observational, Analytical, experimentation, thinking, reasoning	<p>Pictures, videos, Visits in the school campus</p> <p>Video link:- https://www.youtube.com/watch?v=gEk6JLJNg0U (our environment-Periwinkle)</p> <p>Video link:- https://www.youtube.com/watch?v=WfGMYdalCIU (MAN)</p> <p>Video link- https://www.youtube.com/watch?v=sAKyhfxxr7s--Air</p>	<p>Warm up- Activity- 1</p> <p>Students will be shown some pictures of the surroundings. Discussion will be done on what they see in the pictures</p> <p>Activity-2</p> <p>Video on environment followed by discussion on the how man is causing harm to the environment.</p> <p>Activity-3</p> <p>Video on air, land and water pollution .</p> <p>Activity-4</p> <p>Visit to Choithram campus to see the Water treatment plant and compost pit.</p> <p>Activity-5</p> <p>Activity:-</p> <p>Students will take out a rally along with the social science to create awareness against pollution.</p>		. SDG 6 Clean Water and Sanitation Ensure availability and sustainable management of water and sanitation for all	<p>1.Worksheet</p> <p>2.Students will write any one contribution by them to reduce air, water pollution. And one practice to reduce, reuse and recycle wastes.</p>	<p>The students will</p> <ol style="list-style-type: none">Know the importance of environment in their life and care for it.Know about the different types of pollution, their causes and preventive measures.Learn about the biodegradable, non-biodegradable waste and their uses and harmful effects respectively.Develop the feeling of donating their unwanted things to the needy.Know the importance

		<p>pollution</p> <ul style="list-style-type: none"> Relate the steps to avoid pollution with their everyday actions Use reduce, reuse and recycle in their daily life. Use mask or to cover the mouth during driving two wheeler. Use green and blue dustbins to dispose the garbage. <p>II - Behavioral Objectives <u>BEHAVIOURAL OBJECTIVES:-</u> The students will be</p> <ul style="list-style-type: none"> Sensitized towards the environment and learn to take care of it. Able to create awareness amongst the other people about protecting the environment. Sensitized to donate their things which they no longer use and are in good condition to the needy people. Able to develop a habit of planting more and more trees. Able to learn to keep their home, school and surroundings clean. Sensitized towards minimizing the use of things which gives out non-biodegradable waste like- plastics, tins, cans, polythenes etc. Able to adopt 3R's in their daily life. 		<p>pollution for kids (Smart learning) <u>Water pollution (how to prevent it, what to do and what not to do)</u> Video link- https://www.youtube.com/watch?v=93BqLewm3bA -- water pollution for kids(Smart learning). <u>E. Land pollution (how to prevent it, what to do and what not to do)</u> Video link- https://www.youtube.com/watch?v=cpPccYBMVDE--land pollution(Jobelle graces) Video link- https://www.youtube.com/watch?v=cpPccYBMVDE--land pollution(Jobelle graces Video link-- https://www.youtube.com/watch?v=V0lQ3ljjl40&t=147s (Science video how to care for environment) Videolink:- https://www.youtube.com/watch?v=6RunG5eRLxg <u>G. Impact of pollution on wild life-deforestation</u></p>	<p>Activity-6 Search work Students will go through the articles on different types of pollutions given in the news paper, magazine /net and paste in the notebook. Activity-7 Debate 1.Justify usage of pesticides and insecticides in the fields. 2.How land pollution is responsible for water pollution also. Activity-8 Video on types types of waste-biodegradable and non-biodegradable Activity-9 Impact of pollution on wild life-deforestation and its impact</p>				<p>of growing more & more trees. 6. Learn to keep their home, school and surroundings clean. 7. Understand the meaning of 3R and try to implement it in their day to day life.</p>
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				and its impact https://youtu.be/Ku5dgUtXcLo --- effects of pollution on marine life Video link- https://www.youtube.com/watch?v=TjnNOCbuoCA-- 3R's for kids					
SOCIAL SCIENCE	Ls.14- Industries of India Ls.15- Human Resources of India LS16- Transport and Communi	Learning Objectives: The student will be able to know 1.The meaning of raw materials.(K) 2.How do we get finished products.(U) 3.Various types of industries(K) a. Cottage industry b.Small scale industry c Large scale industry 4.Difference between the types of industries.(ANN) 5.What is Industrial pollution(K) 6.What are the adverse effects of the pollution on environment.(U) 7.Location of industries in India.(APP) Behavioural Objectives: 1.Realise the need and importance of the industries to bring the finished products.(U) 2.Realise the value of coordination.(U) 3. They will realise that by taking small steps in life and doing hardwork one can attain success in life.(U) Human resources Learning Objectives: The student will be able to: 1.Learn meaning of human resources U 2.Know different types of human resources namely skilled and unskilled human resources K 3.Differentiate between the skilled and unskilled human resources. AN 4.Various limitations in developing human resources a. Overpopulation b. Illiteracy c. Poverty AN 5.Reasons responsible for overpopulation, illiteracy and poverty 6.Government's role in strengthening human resources U AP	Industries Presentation Observation Map legends	Industries Maps Videos	Industries Activity 1 <i>Students will be asked to list out the daily products</i> Activity 2 <i>Discussion on industries</i> Activity 3 <i>Map work</i> Activity 4 <i>Discussion on pollution</i> Human resources Activity 1 Students will be asked to make a list of the NGO'S in their cities. They can be asked to give their old clothes and toys to the poor kids. Activity 2 They will be asked to play a role play prepare a skit which will show how is the life of a rich and a poor kid varies. Activity 3 Videos will be shown to them			Assesment Map Work	Industries The student is able to • Know the meaning of raw materials. • Understands the way the finished products are made. • Identify what kind of products are made in which types of industries. • Know the different types of industries. • Relize how important is the value of coordination to bring up any task and to attain success. • Knows the meaning of industrial pollution. Analyse what are the adverse effects of industrial pollution on our environment Human resources The students will 1.Know the meaning of human resources. 2.Know the different types of human resources a. Skilled human resources b. Unskilled human resources 3. Difference between the two types of human resources
			Human resource Critical thinking Research	Human Resources Videos				Human Resources Assesent Worksheet	

		<p>Behavioural Objectives: The student will</p> <ol style="list-style-type: none">1.Realise the importance of education and skills in a person U2.How education can contribute to a country's well being its development and in its national economy AP3.It helps in understanding the pain of poverty.U4.Realize how overpopulation, illiteracy and poverty hinder the personal development of a person.AN							<p>4. the importance of education and skills</p> <p>5.Various limitations involved in developing human resources</p> <p>6.Importance of education and its contributonal towards national economy</p> <p>7.Government's role in strengthening the human resources.</p> <p>8. Know the meanjng of poverty,unemployment and illetracy.</p>
		<p>Transport and communiication The student will be able to</p> <ul style="list-style-type: none">• Know the easier and faster means of transportation. (K)• Know the changes brought from past to present in different means of transportation.(K)• Know the types of networks of roads in India.(K)• Know the different types of trains, such as fast, superfast, local and cargo.(K)• Know the important uses of airways though travelling by airways is expensive(K).• Know the different type of ships and their work.(K)• Know the different ways of communication(K)• Know the classification of communication in Mass and Personal (K)• Know the means they can use to communicate personally.(K)• Know the means they can use to communicate with mass.(K) <p>Behavioral objectives The student will</p> <ul style="list-style-type: none">• Realize that world is like a small family as they have connectivity.(U)• Become aware of the current affairs(U)• Realize the need of transportation and communication in bringing people closer to each other.(U)	Transport and communicat-ion Knowledge Presenatation Research	Transport and communication Scrap Book	Transport and communication Activity 1 Discussion on the transport and communication	Activity 2 Scrap book Activity			<p>Transport and communication</p> <p>Learning Outcomes: The student will</p> <ul style="list-style-type: none">• Know the easier and faster means of transportation.• Know the changes brought from past to present in different means of transportation.• Know the types of networks of roads in India.• Know the different types of trains, such as fast, superfast, local and cargo.• Know the important uses of airways though travelling by airways is expensive.• Know the different type of ships and their work.• Know the different ways of communication• Know the classification of communication in

		<ul style="list-style-type: none">• Relate the changes brought in means of transportation and communication.(U)• Decide the means of transportation and communication he should use according to need.(U)						Assesment Scrap book activity	Mass and Personal <ul style="list-style-type: none">• Know the means they can use to communicate personally.• Know the means they can use to communicate with mass.• Realize that world is like a small family as they have connectivity.• Become aware of the current affairs• Realize the need of transportation and communication in bringing people closer to each other.• Relate the changes brought in means of transportation and communication.<ul style="list-style-type: none">• Decide the means of transportation and communication he should use according to need
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MONTH: MARCH

Subject	Topic	Learning/behavioral Objectives	Skills/ Values	Resources / Teaching Aids	Activities/Process	UN sustainable goal if targeted	Special Talk/ Parents' Involvement/ Field trip	Assessment	Learning outcome
ENGLISH	L-5 Bambi Conjunctions Interjection	<p>I - <u>Specific Objectives</u> This lesson will enable students to:</p> <ul style="list-style-type: none"> • Read a cartoon strip that has a theme and a moral in common with the story (C) • arouse interest in the story related to wild life (A) • answer simple factual questions as they read the story (K) • to draw conclusion from what they read about human activities (S) • use the simple past tense and past continuous tense correctly (Ap) • listen for specific information (S) • know the actions connected to body parts (K) • write the story on given outline (Ap) • Write a review of the movie (S) <p>II - <u>Behavioral Objectives</u></p> <ul style="list-style-type: none"> • This lesson will enable students to: • be calm in difficult situations • learn to obey their elders • understand that patience bears sweet fruit • value the importance of being keen observer • realize the importance of elders in their family • bring close to nature • enhance decision making skill • understand importance of friends • be kind to animals 	<p>Reading</p> <p>Speaking</p> <p>Writing</p> <p>Listening</p>	<p>Bambi https://www.youtube.com/watch?v=wtp6tLA9gFg&t=146s</p>	<p>Reading the lesson and underline the actions connected to body parts</p> <p>Giving opinions with proper reasoning based on based on situations</p> <p>Paragraph Writing on “Listening to elders is necessary”</p> <p>Watch the movie “Bambi” Listening exercise from the book</p>	Biodiversity		<ul style="list-style-type: none"> • Worksheet based on listening and writing skill (Based on Movie) (C) • Listening Skills 	<p>The students will be able to:</p> <ul style="list-style-type: none"> • Understand the theme and a moral of the cartoon strip read by them • develop interest in the story related to wild life • understand the facts given in the story and answer the same related to it • conclude from what they read about human activities • use the simple past tense and past continuous tense correctly in their language • understand the specific information through listening activities • understand the functions of body parts • remain calm in difficult situations • respect their elders • be patient • be a keen observer • Realize the importance of elders in their family • Inclined towards nature • Improve on decision making skill • The value of friends • Be kind to animals

HINDI	व्याकरण पर आधारित पुनर्अभ्यास								
MATHS	Data Handling & Showcasing	<p>LEARNING OBJECTIVES : Students will be able to</p> <ul style="list-style-type: none"> Define categories for collecting data (U) Collect data and organize it (U/Ap) Identify the elements of a Pictograph(K) Draw and present it correctly (Ap) Interpret the data given in the Pictograph(An) Analyze graphs to determine what information is given(An) Recognize that pictographs are used to draw attention.(An) <p>BEHAVIORAL OBJECTIVES : Students will be able to</p> <ul style="list-style-type: none"> Understand pictographs are used to make information easier to visualize Collect the data in real life situation like favorite hobby, temperature of a week, transport used to reach school. Develop skills to organize, systematically arrange and present accurately Understand that Pictographs are used in media, newspapers and online sites Intercultural 	Books, Videos, Computer Lab	Logical, Application, Calculation, Observation Thinking & Analysis	<p>Pictograph Recaptulation : https://www.youtube.com/watch?v=O7VZaoJeY6U (Pictograph)</p> <p><u>Introductory Activity</u> Activity 1: birthdays Activity 2: Favorite Hobby Activity 3: How Students Reached School Today". Activity 4: Trees Planted Activity 5: Magazines and newspapers</p>	<p>Clean water and sanitation-</p> <p>Students will collect data on different sources of water and represent in the form of pictograph.</p>		Worksheets And activities and critical thinking question	<p>Learning Outcomes:- Students will,</p> <ul style="list-style-type: none"> Define categories for collecting data (U) Collect data and organize it (U/Ap) Identify the elements of a Pictograph(K) Draw and present it correctly (Ap) Interpret the data given in the Pictograph(An) Analyze graphs to determine what information is given(An) Recognize that pictographs are used to draw attention.(An)
SCIENCE	<u>CHAPTER-13 AIR, WATER AND WEATHER</u>	<p>The students will be able to</p> <p>Knowledge</p> <ol style="list-style-type: none"> Know different types of weather. Know how the heating of earth from the sun affects different weather conditions Know about the distribution of water on the surface of the Earth. Learn about the terms Evaporation, Condensation and Precipitation. Know the different criteria/ conditions which affects the process of evaporation. Know about the diseases caused due to impure/ dirty water. <p>Understanding</p> <ol style="list-style-type: none"> Understand the different terms associated with air like wind, breeze, storm and thunderstorm. 	Observational, Analytical, experimentation, thinking, reasoning	<p>Teaching aids-</p> <p>https://youtu.be/4pqZTRk6eBc-- lesson on air, water and weather (CBSE website) https://youtu.be/aVmXQrF4QWs-- science recorded session Video link-</p>	<p>Activity-1 Warm up Checking previous knowledge of the students. Activity-2 Images and a video will be shown about the types of weather-windy, sunny, cloudy, dry etc Activity-3 showing the images of breeze, storm and thunderstorm. Activity-4 Video on Sea and Land breeze Activity-5 images of availability of water on the earth. Activity-6</p>			<u>Making water filter (group activity)</u>	<p>The students will</p> <ol style="list-style-type: none"> Learn about the different weather conditions due to the effect of Sun. Know the difference between the terms associated with the air-wind, breeze, storm and thunderstorm. Explain the formation of sea and land breeze. Know about the amount of water available on the earth-for use and which cannot be used. Explain the process

	<p>2. Understand how sea breeze and land breeze forms.</p> <p>3. Understand about the terms like dew, frost, fog, mist associated with the condensation.</p> <p>4. Understand the terms associated with precipitation like rain, storm, hail and sleet</p> <p>5. Understand the process of water cycle.</p> <p>6. Describe the steps/methods to purify water and make it safe for drinking.</p> <p>7. Understand the meaning of atmosphere and its different layers .</p> <p>8. Understand the importance of drinking clean water.</p> <p>Analysis</p> <p>1. Identify different states of water</p> <p>Application</p> <p>1. Can analyse and determine the weather condition to plan the routine of the day.</p> <p>Synthesis</p> <p>Evaluation</p> <p>II - Behavioral Objectives</p> <p>The students will be</p> <p>1. Able to relate the changes in the weather conditions with the sun.</p> <p>2. Able to read and understand the weather forecast.</p> <p>3. Able to identify the different types of wind and take necessary actions to protect themselves.</p> <p>4. Able to correlate the things found in day to day life with the condensed and precipitation form of water.</p> <p>5. Relate the different examples of day to day life with the process of evaporation and condensation.</p> <p>6. Sensitized about the importance of water and learn to save it.</p> <p>7. Aware of the ill effects of drinking impure water.</p> <p>8. Able to implement/apply some methods at home for the purification of water</p>		<p>https://youtu.be/JUSHywLis_Y---</p> <p>water cycle (make me genius</p> <p>Video link--</p> <p>https://youtu.be/LHN9pCUR-ul--</p> <p>ways of cleaning water</p>	<p>Activities to show evaporation and condensation.</p> <p>Activity-7</p> <p>Images of dew, frost, fog and mist will be shown</p> <p>Activity-8</p> <p><u>Water cycle</u></p> <p>Process will be explained along with the video.</p> <p>Activity-10</p> <p><u>Making water fit for use-</u></p> <p>Video on how to make water purifier</p> <p>Activity-11</p> <p>Video on ways of cleaning water</p>				<p>of water cycle along with evaporation, condensation and precipitation.</p> <p>6. List the factors affecting the process of evaporation.</p> <p>7. Differentiate between the dew, frost, fog and mist.</p> <p>8. Describe how the rain, snow, hail and sleet are formed.</p> <p>9. Learn the different methods by which water can be purified and made clean for use.</p> <p>10. Realise the importance of water and learn to save it.</p>
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SOCIAL SCIENCE	Ls.19- Democracy in India Ls.20 Rights and duties of an Indian citizen	<p>The student will be able to know</p> <ul style="list-style-type: none"> • The rule book is the constitution of India. U • Preamble is an introduction to the constitution.K U • India is a socialist, secular and democratic republic.U • Meanings of the terms socialist, secular and democratic republic.U • The Fundamental Rights he enjoys as an Indian citizen AP • Necessary responsibilities he is expected to do as the citizen of India.(Fundamental Duties)AP • Guidelines which every government needs to follow are our Directive Principles.U • Meaning of Universal Adult Franchise .U • The government of India is organised on three levels- Central, State and Local.K • The Central government is in New Delhi and sits in the parliament.U • The political party that wins the election form the government and is headed by Prime Minister.U • The state Govt. is headed by the Chief Minister.U • The local Govt. has Municipal Corporations and municipalities to address problems in cities and towns.U <p>Behavioral Objective: The student will be able</p> <ul style="list-style-type: none"> • To show respect towards constitution for the fundamental rights he has got.AP • To aware the people about their rights.K • To realize and become aware of the responsibilities and duties towards country.U K • To take interest in the elections.AP • To relate the Present PM and CM with their designations. AN • To realize the importance of being a citizen of an independent country.U • To celebrate the freedom they enjoy.AP 	<p>Conceptual understanding Critical thinking</p>	<p>Aids required</p> <ol style="list-style-type: none"> 1. Videos 2. Charts <p>government</p> <p>https://youtu.be/LZgvP9m6NSo (Preamble)</p> <p>https://youtu.be/f10iXkBeGe8 (Fundamental Rights)</p> <p>https://youtu.be/4PiXUSJGDaE (Fundamental Duties)</p> <p>https://youtu.be/S2bxkt3Nbpk (Purpose of Govt.)</p> <p>https://youtu.be/2jIA2hVl6X4 (Indian levels of govt.)</p> <ol style="list-style-type: none"> 1.https://youtu.be/VD1pLPDYW9Q (Government of India 	<p><i>Activity 1</i> <i>Various videos will be shown</i></p> <p><i>Activity 2</i> <i>Rule book making</i></p>			<p>Assesment Rule book making</p>	<p><i>The student will know that</i></p> <ol style="list-style-type: none"> 1. <i>The rule book is the constitution of India.</i> 2. <i>Preamble is an introduction to the constitution.</i> 3. <i>India is a socialist, secular and democratic republic.</i> 4. <i>Meanings of the terms socialist, secular and democratic republic.</i> 5. <i>The Fundamental Rights he has born with as an Indian citizen</i> 6. <i>The Fundamental duties he has to follow</i> 7. <i>Guidelines which every government needs to follow are our Directive Principles.</i>
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