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Circular No. 12/RDPS/2022-23
Syllabus for April-September
(Duration: 01.04.2022 to 18.9.2022)
Class: VII

Date: 01.04.2022

"Develop a passion for learning. If you do, you will never cease to grow."

Dear Parent(s)

With the vision of 'Excellence in Education' and aim to accomplish the set goals during the current transitional phase of learning for the young learners, RDPS continues to trail ahead towards the progressive session 2022-23.

Kindly note:

1. The academic session will be divided in two Terms: Term-1 (Mid-Term) and Term-2 (Final-Term).
2. Post completing each chapter, a Chapter End Assessment, mapped with respective Learning Outcomes, will be conducted and evaluated as CEA by the respective subject teachers.
3. The marks for each CEA will be aggregated out of 20 in the Evaluation of Term-1 & Term-2 represented via Report Cards of Mid-Term & Final Term accordingly.
4. For Internal Assessment-1, 10 marks will be allotted as per the submission of Tutorial Sheet (TS) under Notebook Submission and 10 marks for Subject Enrichment Activity (SEA) along with CEA (20 marks as aggregate).
5. Other necessary details w.r.t. Subject Enrichment Activities and Date sheet of Mid-Term Examination will be shared accordingly.

The syllabus to be covered during the month of April-September i.e. from 01.04.22 to 18.09.2022, is as given below:

Subject: English Syllabus: 2022-2023 Class : VII					
Prescribed Books: CB: Collins Engaging English (7) GB: Revised Collins English Grammar and Composition (7)					
TEST / EXAM(M.M.)	CONTENTS TO BE COVERED	LEARNING OUTCOMES	CLASS ACTIVITIES	USE OF ICT/LABS	PARENTS' INVOLVEMENT
Prerequisite Knowledge Session 01.04.2022 To 05.04.2022 Working Days: 3	Discussion of Grammar topics will be conducted in the class to brush up the previously covered concepts. <ul style="list-style-type: none"> Integrated Grammar Worksheet (Quiz/Google Form) Revision of Writing Skills topics covered in previous grade Reading Comprehension 	Reading Skills: LO-Eng/VII/1: Answers questions orally and in writing on a variety of texts – both,familiar as well as unfamiliar. LO-Eng/VII/7: Reads textual/non-textual materials in English/Braille with comprehension. LO-Eng/VII/10: Reads to seek information in print / online, notice board, signboards in public places, newspaper, hoardings etc in order to seek/ gather information. LO-Eng/VII/12: Reads unfamiliar words in context in order to infer their meaning. LO-Eng/VII/13: Refers dictionary, thesaurus and encyclopedia to find meanings / spelling of words while reading and writing to demonstrate research skills. LO-Eng/VII/23: Reads tables, charts, diagrams and maps, and incorporates the information in writing in order to interpret them.	--	Related videos will be shown on the following topics: Tenses: https://www.youtube.com/watch?v=RQx1BCG1D6	Spend some time with your ward and play the following grammar games with him/her: https://www.education.com/game/sv-agreement-game/ https://www.education.com/game/treasure-diving-spelling-challenge/ https://www.education.com/game/floyd-danger-sentence-sorting/
Term -I 06.04.2022 To 11.09.2022 Working Days: 75	I <ul style="list-style-type: none"> L1: Three Questions (SDG 16) Unit 4: Transitive and Intransitive Verbs 	Literature: LO-Eng/VII/1: Answers questions orally and in writing on a variety of texts– both,familiar as well as unfamiliar. LO-Eng/VII/2: Reads aloud stories and recites poems with appropriate pause, intonation and pronunciation. (ASL) LO-Eng/VII/3: Participates in different activities in English such as role play, poetry recitation, skit, drama, debate, speech, elocution, declamation, quiz, etc., organized by school and other such organizations in order to demonstrate	Group Discussion: Divide yourself into groups of four. Each group will research and discuss on the given topics: <ul style="list-style-type: none"> How are children sometimes 	Hope is the Thing with Feathers: https://www.youtube.com/watch?v=j3VWZJmuvhg Coromandel Fishers: https://www.youtube.com/watch?v=jplETDhz8Co Formal Letter Writing: https://www.youtube.com/watch?v=jplETDhz8Co	Watch the movie 'Chronicles of Narnia' by C.S. Lewis with your ward and ask some questions from him/her to see if he/she has understood the movie. Summarize the movie with your ward and share the same with the class along with some snapshots of your experience. Sit and have a conversation with your

	<p>CEA: 13.04.2022 II</p> <ul style="list-style-type: none"> Unit 18: Phrases <p>CEA: 28.04.2022 III</p> <ul style="list-style-type: none"> L2: Hope is the Thing with Feathers Unit 13: Determiners and Quantifiers CEA: 11.05.2022 <p>IV</p> <ul style="list-style-type: none"> Unit 5: Agreement of Subject and Verb CEA: 18.05.2022 <p>V</p> <ul style="list-style-type: none"> Unit 21: Types of Sentences: Structure CEA: 08.07.2022 <p>VI</p> <ul style="list-style-type: none"> L4: Coromandel Fishers Unit 22: Transformation and Synthesis <p>CEA: 18.07.2022 VII</p> <ul style="list-style-type: none"> L8: Grannie (SDG 3) Unit 2: Adjectives <p>CEA: 02.08.2022 VIII</p> <ul style="list-style-type: none"> Unit 6: Primary and Modal Auxiliaries <p>CEA: 24.08.2022 IX</p> <ul style="list-style-type: none"> L10: Dar es Salaam to Nairobi by Ford Prefect Formal Letter (Editorial: SDG) <p>CEA: 02.09.2022</p> <ul style="list-style-type: none"> X Bio-sketch 	<p>fluency and comprehension of the language. (ASL) LO-Eng/VII/7: Reads textual/non-textual materials in English/Braille with comprehension. LO-Eng/VII/8: Identifies details, characters, main idea and sequence of ideas and events in textual / non-textual material in order to demonstrate comprehension of text and sequencing skills. LO-Eng/VII/9: Thinks critically, compares and contrasts characters, events, ideas, themes and relates them to life in order to compare and contrast them. LO-Eng/VII/11: Takes notes while teacher teaches /from books / from online materials. LO-Eng/VII/12: Reads unfamiliar words in context in order to infer their meaning. LO-Eng/VII/13: Refers dictionary, thesaurus and encyclopedia to find meanings / spelling of words while reading and writing to demonstrate research skills. LO-Eng/VII/15: Reads a variety of texts for pleasure e.g. Adventure stories and science fiction, fairy tales, biography, autobiography, travelogue etc. (extensive reading) in order to demonstrate extensive reading skills. LO-Eng/VII/16: Organizes sentences coherently in English/in Braille with the help of verbal and visual clues and with a sense of audience. (ASL) LO-Eng/VII/19: Writes dialogues from a story and story from dialogues. LO-Eng/VII/22: Identifies and appreciates significant literary elements such as – metaphor, imagery, symbol, simile, onomatopoeia, intention/point of view, rhyme scheme, etc. in order to demonstrate understanding of their significance in literature and narratives. LO-Eng/VII/24: Raises and responds to questions based on texts (from books or other resources) in order to demonstrate curiosity and inquisitiveness skills.</p>	<p>misunderstood by adults? •How do children often not understand adults? •Needs of children and adults. Fact File: Prepare a fact file on the life and works of Mary Shelley and present the same in front of the class. Bio Sketch: Write a biosketch on Sarojini Naidu fondly called the "Nightingale of India". Talk It Out: Prepare a short TED Talk on any topic which you think might be of importance to students of your age. No theme, it's an open house! Make it an interactive session of 10 minutes. [Competency based learning] Students will be guided to create a postcard by illustrating a place they would like to visit by using ten adjectives in a short message describing the pictures. [Art Integration]</p>	<p>.com/watch?v=hoIPduR_eggBio Bio Sketch:https://www.youtube.com/watch?v=XWZHBIXN6Q Adjectives : https://www.khanacademy.org/humanities/grammar/partsof-speech-the-modifier/introduction-to-adjectives-and-articles/v/intro-to-adjectives-v1 Transitive and Intransitive Verbs: https://www.youtube.com/watch?v=xUFo94TXwqc Agreement of Subject and Verbs:https://www.youtube.com/watch?v=fnNqO4dyHHE Primary and Modal Auxiliaries : https://www.khanacademy.org/humanities/grammar/partsof-speech-the-verb/verb-aspect-and-modal-verbs/v/modalverbs-the-parts-of-speech-grammar Prepositions: https://www.youtube.com/watch?v=HRZZIwIHeUM</p>	<p>ward about his/her hopes and expectations and explain to them the importance of being hopeful and positive minded in one's life. Teach your ward how to write an application for opening a bank account. Worry Eater: Make an attractive box and name it "worry eater box". Guide your ward to express himself/herself by putting their worry/anything troubling them on it. They can put their chit in the worry eater box. Sit on a weekend and open the box with your ward. Discuss their concerns and worries with them openly and provide the required guidance.</p>
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	CEA: 07.09.2022				
		<p>Writing Skills:</p> <p>LO-Eng/VII/17: Writes formal letters, personal diary, list, email, SMS, etc.</p> <p>LO-Eng/VII/18: Writes descriptions / narratives showing sensitivity to gender, environment and appreciation of cultural diversity.</p> <p>LO-Eng/VII/21: Writes a Book Review.</p> <p>Grammar:</p> <p>LO-Eng/VII/14: Uses appropriate grammatical forms in communication (e.g. Noun, pronoun, verb, determiners, time and tense, passivation, adjective, adverb, etc) in order to demonstrate comprehension and knowledge of their usage through a variety of situations.</p> <p>LO-Eng/VII/20: Visits a language laboratory. (ASL)</p> <p>Speaking Skills:</p> <p>LO-Eng/VII/4: Engages in conversations in English with family, friends, and people from different professions such as shopkeeper, salesperson etc. using appropriate vocabulary engages in conversations in English with family, friends, and people from different professions such as shopkeeper, salesperson etc. using appropriate vocabulary associated with various professions (e.g. cook, cobbler, farmer, blacksmith, doctor etc.). (ASL)</p> <p>LO-Eng/VII/5: Reads, listens and speaks about excerpts, dialogues, skits, short films, news and debate on TV and radio,</p>			
		<p>audio-video programmes on suggested websites, etc. (ASL)</p> <p>LO-Eng/VII/6: Responds to different kinds of instructions, requests, directions in varied contexts viz. School, bank, railway station audio-video programmes on suggested websites. (ASL)</p> <p>LO/Eng/VII/25: Refers to suggested websites and uses all forms of ICT(such as,mobile,YouTube,TEDtalks,etc) to browse for information in order to prepare for projects/slides/discussions/etc. (ID)</p>			

Before Half Yearly Exam 12.09.2022 To 18.09.2022 Working Days: 05	Revision of the syllabus covered in Term I via worksheets, quizzes and revision tests.
Half Yearly Exam 19.09.2022 to 30.09.2022 M.M.: 60	Syllabus Covered in Term I.
• CB: Course Book WB: Workbook M.M: Maximum Marks SDG: Sustainable Development Goal	

Subject: Mathematics		Syllabus: 2022-2023		Class : VII	
Prescribed Books: CB – NCERT Mathematics VII			WB – NCERT Exemplar Mathematics VI		
TEST / EXAM (M.M.)	CONTENTS TO BE COVERED	LEARNING OUTCOMES	CLASS ACTIVITIES	USE OF ICT/LABS	PARENTS' INVOLVEMENT
Prerequisite Knowledge Session 01.04.2022 To 05.04.2022 Working Days: 03	1. Integers (Basic) 2. Basic Geometrical Ideas and Understanding Shapes 3. Fractions (Basic) 4. Mensuration		--	Videos will be shown for the given topics: - Integers - Basic Geometrical Ideas and Understanding Shapes - Fractions - Mensuration	Prepare a storyboard/comic strip with your ward using the concepts from the chapters- Integers or Fractions
Term- I 06.04.2022 To 11.09.2022 Working Days: 75	Ch – 1 : Integers CEA: 21.04.22 Ch – 2 : Fractions and Decimals CEA: 9.05.22 Ch – 5 : Lines and Angles CEA: 4.07.22 Ch – 6 : Triangle and its Properties CEA: 20.07.22 Ch – 4 : Simple Equations CEA: 4.08.22 Ch – 9 : Rational Numbers CEA: 23.08.22 Ch – 8 : Comparing Quantities CEA: 9.09.22	Ch-1 LO-M/VII/1.1-Applies rules for multiplication and division in order to solve problems involving two integers with same or different signs (D) Ch-2 LO-M/VII/2.1-Applies repeated addition and subtraction in order to interpret the division and multiplication of fractions. LO-M/VII/2.2-Expresses a fraction as percentages and decimals in order to solve daily life problems (D) LO-M/VII/2.3-Applies algorithms for multiplication and division in order to multiply and divide fractions /decimals. (D) LO-M/VII/2.4-Calculates the simple form of a fraction in order to distinguish quantities that are in proportion. (D) Ch-5 LO-M/VII/5.1-Classifies pairs of angles based on their properties in order describe linear, supplementary, complementary, adjacent and vertically opposite angles. (D) Ch-6 LO-M/VII/6.1-Applies angle sum property of a triangle to calculate unknown angles of a triangle when its two angles	Underwater diving, as a human activity, is the practice of diving into water with special breathing equipment. What is the industrial standard depth limit for recreational divers? What are the various types, advantages and disadvantages of under-water diving? On July 11,2018, a team of divers rescued young Thai boys from a cave. Find out more about it. Prepare/Present a Report for the	Related videos will be shown for the given topics: Integers https://www.youtube.com/watch?v=5oHJcmYbHvA Fractions & Decimals https://youtu.be/i0oGoCFxIZ4 Lines and angles https://youtu.be/8MM3r30JrGQ Triangle and Its Properties https://youtu.be/RazcrleHyHA Simple Equation https://youtu.be/IN20VrPmxdk Rational Numbers https://www.youtube.com/watch?v=SQ4cB9yXkHM&t=1s Comparing quantities	Integers: Discuss with your ward, the real-life examples where negative numbers are used. Help him/her to search such situations from the newspaper. Fractions and Decimals: Give ample practice on real life application based problems from the website www.meritnation.com Lines and Angles: Help your ward in preparing a collage on 3-D monuments and label the lines and angles in it. Triangle And Its Properties: Discuss with your ward different properties of triangles, and help him/her explore more about them. Simple Equations: Assist your ward in framing equations for real life situations like age

		<p>are known. (D)</p> <p>Ch-4 LO-M/VII/4.1-Translates a real-life situation in the form of a simple algebraic equation in order to arrive at a generalized problem and solution for the situation (D)</p> <p>Ch-9 LO-M/VII/9.1-Applies appropriate mathematical operations on rational numbers in order to solve problems related to daily life situations (D)</p> <p>Ch-8 LO-M/VII/8.1-Applies algorithm to calculate percentages in order to calculate profits, loss and rate of interest in simple interest calculation. (D)</p>	<p>same.</p> <p>You can watch the documentary to prepare the report https://www.youtube.com/watch?v=x_kiX0uUDNI&t=675s</p> <p>[Joyful Learning] You are the Marketing Manager of a Bank. Present a Sales Pitch to persuade a person to deposit money with your bank or take a loan from your bank. To research, you may visit nearby banks or look at their online forums. Find out new schemes of deposits. Compare the rates of interest for different duration of time offered by different banks. Also, State which bank would be ideal for saving money.</p> <p>[Research work] Prepare a book cover by painting of any art/dance form based on Mathematical Shapes. [Warli Art, Mandala Art, etc]</p> <p>[Art Integration] Sustainable Development What is the carbon footprint of the transport you use to get to school? Or the carbon footprint of the transport/energy of your household? How much water is required by an individual for drinking, washing, etc? What is your family's total water consumption for a month ? How much electricity</p>	<p>https://www.youtube.com/watch?v=B4_T6-rc35Y https://www.youtube.com/watch?v=v1PhIi9KzAQ</p> <p>Mathematics Lab Activities: Activity 5: To verify the properties of parallel lines. Activity: To verify Pythagoras Theorem.</p>	<p>problems, time – distance questions, time taken and work done etc.</p> <p>Rational Numbers: Encourage your ward to practice extra problems from Reference Books.</p> <p>Comparing Quantities: Take your ward to a bank and discuss the bank transactions and its operations (especially interest) which would help him / her in understanding the concept.</p>
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			<p>is required to power 3 different devices per month? What is the electricity consumption of your household in the Summer and Winter Season? In your city what percent of the average family income is spent on housing? Which is the most expensive city to live in the world? How many trees could be planted in your city and where ?</p> <p>Reflect on the answers you get for the above mentioned questions and elucidate what can be done from your end to achieve sustainable development for all.</p> <p>[SDG-6,7,11,13,15]</p> <p>Suppose your Father's/Mother's Annual Income is Rs. 15 Lakhs. How much Income tax will be paid by him/her? Calculate the income tax. Show your calculations. Also, find out how do businesses and individuals evade paying their full amount of taxes?</p> <p>[SDG 16]</p>		
Before Half Yearly Exam 12.09.2022 To 18.09.2022 Working Days: 05	Revision of the syllabus covered in Term I.				
Half Yearly Exam 19.09.2022 to 30.09.2022	Syllabus Covered in Term I.				

M.M.: 60				
Note: Reference Books: 1. Mathematics ,Class VII by R.D. Sharma 2. Learning Mathematics, Class VII by M.L. Aggarwal				
•	CB: Course Book	WB: Workbook	M.M: Maximum Marks	SDG: Sustainable Development Goal

Subject: Science		Syllabus: 2022-2023		Class : VII	
Prescribed Books: 1. Science –Textbook for Class VII (NCERT)		2. Science Exemplar for Class VII (NCERT)			
TEST / EXAM (M.M.)	CONTENTS TO BE COVERED	LEARNING OUTCOMES	CLASS ACTIVITIES	USE OF ICT/LABS	PARENTS’ INVOLVEMENT
Prerequisite Knowledge Session 01.04.2022To 05.04.2022 Working Days: 03	<ul style="list-style-type: none">Flower StructureElectric CurrentLight		To solve worksheets on topic flower structure, Electric current and light.	Videos will be shown for the given topics: - Flower Structure - Electric Current - Light	<ul style="list-style-type: none">Parents will dry out the flowers and prepare a beautiful greeting card for their ward. The card can be kept as a memory or utilized in further project work during the session.
Term- I 06.04.2022 To 11.09.2022 Working Days: 75	<p>Ch 1: Nutrition in Plants CEA: 22.04.2022</p> <p>Ch 2: Nutrition in Animals CEA: 11.05.2022</p> <p>Ch 13 :Motion and Time CEA: 07.07.2022</p> <p>Ch 11Transportatioin Animals and Plants CEA: 25.07.2022</p> <p>Ch 5: Acids, Bases and Salts CEA: 10.08.2022</p> <p>Ch 17: Forests: Our Lifeline CEA: 26.08.2022</p> <p>Ch 18: Wastewater Story CEA: 08.09.2022</p>	<p>Ch 1: Nutrition in Plants LO-Sc/VII/2: Differentiates materials and organisms such as, digestion in different organisms; unisexual and bisexual flowers; conductors and insulators of heat; acidic, basic and neutral substances; images formed by mirrors and lenses, etc., on the basis of their properties, structure and function (D) LO-Sc/VII/4: Classifies materials and organisms based on properties /characteristics, e.g., plant and animal fibres; physical and chemical changes. (D) LO-Sc/VII/5: Conducts simple investigations on his/her own in order to seek answers to queries: (such as, can extract of coloured flowers be used as acid-base indicator? Do leaves other than green also carry out photosynthesis? Is white light composed of many colors?) (D) LO-Sc/VII/6: Relates processes and phenomena with causes, e.g., wind speed with air pressure; crops grown with types of soil; depletion of water table with human activities, etc. (D) LO-Sc/VII/7: Explains processes and phenomena in order to relate to science behind the phenomena/processes and develop scientific thinking skills: (such as, processing of animal fibers; modes of transfer of heat; organs and systems in human and plants; heating and magnetic effects of electric current, etc. (D) LO-Sc/VII/8: Writes word equation in order to express chemical reactions: (such as, acid-base reactions; corrosion; photosynthesis; respiration, etc.) (D) LO-Sc/VII/10: Draws labelled diagrams/flow charts of organisms/structures/processes in order to demonstrate knowledge of structure/processes/relationships: (such as, of organ systems in human and plants; electric circuits; experimental set ups; life cycle of silk moth, etc.) (D)</p> <p>Ch 1: Nutrition in Animals LO-Sc/VII/1: Identifies materials and organisms, such as, animal fibres; types of teeth; mirrors and lenses, on the</p>	<p>Ch 2: Nutrition in Animals (Class Activity): Students will research any two acts related to the food industry of India and make a small video clip on their relevance for a common man and his/her nutrition. [Research work] [SDG 1 & 2] 2. Ch 1: Nutrition in Plants (Class Activity): Students will create their own species of a) insectivorous plants and b) parasitic plants and mention their characteristics with a diagram of their species. [Art Integration]</p> <p>Ch 12: Transport in Animals and Plants (Class Activity): Identify your blood group and research on the same. Describe the significance of donating blood and write a short</p>	<p>Ch 1: Nutrition in Plants : 1. https://www.youtube.com/watch?v=Kv0e5usW1w8 Ch 2: Nutrition in Animals 1. https://www.youtube.com/watch?v=GLHSzvBASac Ch 13: Motion and Time 1. https://www.youtube.com/watch?v=8qh--3X6E5w 2. https://www.youtube.com/watch?v=xxla03DGRgY 3. https://www.youtube.com/watch?v=Xq1Z3GcAQNo</p> <p>Ch 7: Weather, Climate and Adaptations 1. https://www.youtube.com/watch?v=-1rZCv1mWZ8 2. https://www.youtube.com/watch?v=pJy1FQVUDuk 3. https://www.youtube.com/watch?v=jLzprml1I20 Ch 11: Transportation in Animals and Plants 1. https://www.youtube.com/watch?v=kcQBhGFZx90 2. https://www.youtube.com/watch?v=qrE6Y0Se8bw 3. https://www.youtube.com/watch?v=XykBPdFhYQo Ch 5: Acid, Bases and Salts 1. https://www.youtube.com/watch?v=4Zq13W-0IU4 2. https://www.youtube.com/watch?v=CH-57NtSTMM Ch 17: Forests: Our Lifeline 1. https://www.youtube.com</p>	<ul style="list-style-type: none">Visit a dentist with your ward for dental check up and try to identify the issues (if any) related with their dental health. Maintaining a record of these issues and measures taken to cure tem would be appreciated for better dental health.Prepare a balanced diet chart along with your ward and highlight with a bright color the food items which help in boosting immunity. keep a check if the diet plan is being followed by your ward for better protection against diseases.Identify the flora of Delhi along with your ward. You can simply identify the avenue trees present in the city or you can identify the herbs, shrubs in your garden or park. 'Trees of Delhi' by Pradip Krishen can be used as an easy and interesting reference for the activity.Prepare a creative cover design using turmeric and soap solution along with your ward. Help your ward to identify the relation between processes and

		<p>basis of observable features, i.e., appearance, texture, functions, etc. (D)</p> <p>LO-Sc/VII/2: Differentiates materials and organisms such as, digestion in different organisms; unisexual and bisexual flowers; conductors and insulators of heat; acidic, basic and neutral substances; images formed by mirrors and lenses, etc., on the basis of their properties, structure and function (D)</p> <p>LO-Sc/VII/4: Classifies materials and organisms based on properties /characteristics, e.g., plant and animal fibres; physical and chemical changes. (D)</p> <p>LO-Sc/VII/5: Conducts simple investigations on his/her own in order to seek answers to queries: (such as, can extract of coloured flowers be used as acid-base indicator? Do leaves other than green also carry out photosynthesis? Is white light composed of many colours?) (D)</p> <p>LO-Sc/VII/7: Explains processes and phenomena in order to relate to science behind the phenomena/processes and develop scientific thinking skills: (such as, processing of animal fibres; modes of transfer of heat; organs and systems in human and plants; heating and magnetic effects of electric current, etc.) (D)</p> <p>LO-Sc/VII/10: Draws labelled diagrams/flow charts of organisms/structures/processes in order to demonstrate knowledge of structure/processes/relationships: (such as, of organ systems in human and plants; electric circuits; experimental set ups; life cycle of silk moth, etc.) (D)</p> <p>Ch 13 : Motion and Time</p> <p>LO-Sc/VII/5: Conducts simple investigations to seek answers to queries, e.g., can extract of coloured flowers be used as acid-base indicator? Do leaves other than green also carry out photosynthesis? Is white light composed of many colours? (D)</p> <p>LO-Sc/VII/7: Explains processes and phenomena, e.g., processing of animal fibres; modes of transfer of heat; organs and systems in human and plants; heating and magnetic effects of electric current, etc. (D)</p> <p>LO-Sc/VII/9: Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (D)</p> <p>LO-Sc/VII/11: Plots and interprets graphs e.g., distance-time graph (D)</p> <p>Ch 11: Transportation in Animals and Plants</p> <p>LO-Sc/VII/2: Differentiates materials and organisms such as, digestion in different organisms; unisexual and bisexual flowers; conductors and insulators of heat; acidic, basic and neutral substances; images formed by mirrors and lenses, etc., on the basis of their properties, structure and function. (D)</p> <p>LO-Sc/VII/6: Relates processes and phenomena with causes, e.g., wind speed with air pressure; crops grown with types of soil; depletion of water table with human activities, etc. (D)</p> <p>LO-Sc/VII/7: Explains processes and phenomena, e.g., processing of animal fibres; modes of transfer of heat; organs and systems in human and plants; heating and magnetic effects of electric current, etc. (D)</p> <p>LO-Sc/VII/9: Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.:</p> <p>LO-Sc/VII/10: Draws labelled diagrams / flow charts e.g., organ systems in human and plants; electric circuits; experimental set ups; life cycle of silk moth, etc. (D)</p>	<p>paragraph on how the act will make you feel if you go for voluntary blood donation. [Joyful learning] [SDG 3]</p>	<p>m/watch?v=_dWJVHIE9 S8 Ch 18: Waste Water Story</p> <p>1. https://www.youtube.com/watch?v=1e85WmSO Dmk&t=621s</p>	<p>phenomena occurring around them.</p> <ul style="list-style-type: none"> Visit/research on Palla Village Yamuna Ghat with your ward and discuss the condition of the river as it enters Delhi at palla village and as it traverses through the city passing through the najafgarh drain. Comparative analysis of the river's condition from its origin till it reaches Delhi can also be discussed with students. <p>Use the link given below and enjoy a virtual tour of the Georgia Aquarium Atlanta: Whale Shark and Dolphin Show.</p> <p>https://youtu.be/RD1utFLEWZs</p> <p>Discuss with your ward the effect of Marine Pollution on marine life and the steps that can be taken to prevent the same.</p>
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		<p>LO-Sc/VII/12: Constructs models using materials from surroundings and explains their working, e.g., stethoscope; anemometer; electromagnets; newton's colour disc, etc. (D)</p> <p>LO-Sc/VII/13: Discusses and appreciates stories of scientific discoveries (I)</p> <p>Ch 5: Acids, Bases and Salts</p> <p>LO-Sc/VII/2: Differentiates materials and organisms such as, digestion in different organisms; unisexual and bisexual flowers; conductors and insulators of heat; acidic, basic and neutral substances; images formed by mirrors and lenses, etc., on the basis of their properties, structure and function (D)</p> <p>LO-Sc/VII/5: Conducts simple investigations on his/her own in order to seek answers to queries: (such as, can extract of coloured flowers be used as acidbase indicator? Do leaves other than green also carry out photosynthesis? Is white light composed of many colours?) (D)</p> <p>LO-Sc/VII/8: Writes word equation in order to express chemical reactions: (such as, acid-base reactions; corrosion; photosynthesis; respiration, etc.) (D)</p> <p>LO-Sc/VII/14: Applies learning of scientific concepts in daily life/real life situations in order to solve problems/give solutions/take preventive measures/etc.: (such as, dealing with acidity; testing and treating soil; taking measures to prevent corrosion; cultivation by vegetative propagation; connecting two or more electric cells in proper order in devices; taking measures during and after disasters; suggesting methods for treatment of polluted water for reuse, etc.) (D)</p> <p>Ch 17: Forests: Our Lifeline</p> <p>LO-Sc/VII/6: Relates processes and phenomena with causes, e.g., wind speed with air pressure; crops grown with types of soil; depletion of water table with human activities, etc. (D)</p> <p>LO-Sc/VII/10: Draws labeled diagrams / flow charts e.g., organ systems in human and plants; electric circuits; experimental set ups; life cycle of silk moth, etc. (D)</p> <p>LO-Sc/VII/14: Applies learning of scientific concepts in daily life/real life situations in order to solve problems/give solutions/take preventive measures/etc.: (such as, dealing with acidity; testing and treating soil; taking measures to prevent corrosion; cultivation by vegetative propagation; connecting two or more electric cells in proper order in devices; taking measures during and after disasters; suggesting methods for treatment of polluted water for reuse, etc.) (D)</p> <p>Ch 18: Wastewater Story</p> <p>LO-Sc/VII/1: Identifies materials and organisms, such as animal fibers; types of teeth; mirrors and lenses, on the basis of observable features, i.e., appearance, texture, functions, etc. (D)</p> <p>LO-Sc/VII/5: Conducts simple investigations to seek answers to queries, e.g., can extract of coloured flowers be used as acid-base indicator? Do leaves other than green also carry out photosynthesis? Is white light composed of many colors? (D)</p> <p>LO-Sc/VII/6: Relates processes and phenomena with causes, e.g., wind speed with air pressure; crops grown with types of soil; depletion of water table with human activities, etc. (D)</p> <p>LO-Sc/VII/10: Draws labeled diagrams / flow charts e.g., organ systems in humans and plants; electric circuits; experimental set ups; life cycle of silk moth, etc. (D)</p>			
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		LO-Sc/VII/14: Applies learning of scientific concepts in dayto-day life, e.g., dealing with acidity; testing and treating soil; taking measures to prevent corrosion; cultivation by vegetative propagation; connecting two or more electric cells in proper order in devices; taking measures during and after disasters; suggesting methods for treatment of polluted water for reuse, etc (D) LO-Sc/VII/15: Makes efforts to protect the environment, e.g., following good practices for sanitation at public places; minimizing generation of pollutants; planting trees to avoid soil erosion; sensitizing others with the consequences of excessive consumption of natural resources, etc. (ID)			
Before Half Yearly Exam 12.09.2022 To 18.09.2022 Working Days: 05	Revision of the syllabus covered in Term I.				
Half Yearly Exam 19.09.2022 to 30.09.2022 M.M.: 60	Syllabus Covered in Term I.				
Note: Reference Books: 1. Active Teach Universal Science-7 (Pearson) 2. Science power 7 –Srijan Publications 3. I Explore- A Science Textbook-7 (Cambridge Publications)					
• CB: Course Book WB: Workbook M.M: Maximum Marks SDG: Sustainable Development Goal					

Subject: Social Science		Syllabus: 2022-2023		Class : VII	
Prescribed Books: History: Our Past-II Civics: Social and Political Life-II Geography: Our Environment					
TEST / EXAM (M.M.)	CONTENTS TO BE COVERED	LEARNING OUTCOMES	CLASS ACTIVITES	USE OF ICT/LABS	PARENTS’ INVOLVEMENT
Prerequisite Knowledge Session 01.04.2022 To 05.04.2022 Working Days: 03	1. States and Capital of India (1 pd) 2. Human Environment & its Interaction (2 pds)	-	Debate: Is Industrialisation: A boon or a curse?	•State & Capital Song: https://www.youtube.com/watch?v=-JNQhpCOoD4w	Parents may discuss with their ward about the recent change in the demographic divisions of India. (Pre Reading Activity: Flipped Approach)

<p>Term- I 06.04.2022 To 11.09.2022 Working Days: 75</p>	<p>History I Ch. 2 :New Kings and Kingdoms CEA: 13.04.22 II Ch 3 : Delhi Sultans CEA: 29.04.22 III Ch 4 :The Mughal Empire CEA: 09.08.22</p> <p>Geography IV Ch 2 :Inside Our Earth Ch 3 :Our Changing Earth CEA: 20.05.22 V Ch 4 :Air Ch 5 :Water CEA: 2.9.22</p> <p>Civics VI Ch 1 : On Equality Ch 3 :How the State Government Works CEA: 22.07.22</p>	<p>History Ch-2 LO-SS/VII/2.1 (H): Analyses socio- political and economic changes during medieval period in order to compare it with present day time. (D) LO-SS/VII/2.2/7.1 (H): Describes, compares and contrasts the livelihood patterns and the geographical condition of the area inhabited, e.g., tribes, nomadic pastoralists and banjaras. In order to explain the relationship between livelihood patterns and geography. (D)</p> <p>Ch-3 LO-SS/VII/3.1/4.1/9.1 (H):Analyses administrative measures and strategies for military control adopted by different kingdoms, e.g., the Khiljis, and Tughluqs, Mughals, etc.in order to compare and contrast them. (D) LO-SS/VII/3.2 (H): Draws comparisons between policies of different rulers. (D)</p> <p>Ch-4 LO-SS/VII/3.1/4.1/9.1 (H): Analyses administrative measures and strategies for military control adopted by different kingdoms, e.g., the Khiljis, and Tughluqs, Mughals, etc.in order to compare and contrast them. (D) LO-SS/VII/4.2/10.1 (H): Draws comparisons between policies of different rulers in order to demonstrate evaluation skills. (D)</p> <p>Geography Ch-2 LO-SS/VII/2.1 (G): Identifies major layers of the earth's interior and their characteristics in order to construct a scientific explanation for the changes that take place on the surface of earth. (D)</p> <p>Ch-3 LO-SS/VII/3.1 (G):Explains preventive actions to be undertaken in the event of disasters. (D) LO-SS/VII/3.2 (G):Describes formation of landforms due to various factors. (D)</p> <p>Ch-4 LO-SS/VII/4.1 (G):Explains composition and structure of the atmosphere in order to show understanding of the characteristics of the different layers. (D) LO-SS/VII/4.2 (G):Locates distribution and extent of different climatic regions on the world map or globe to understand the differences in climatic</p>	<p>Discussion & Debate:</p> <ul style="list-style-type: none"> • The Role of Humans in Global Warming. • Organic Vs. Inorganic Farming (SDG 1,2,3,7,11,13) Identify on a political map of India the origin of Ganga and the regions it crosses during its course. Also prepare a short write up on how the project 'NamamiGange' is being implemented. (To be assessed) <p>Become your own director/Writer: Role play on different types of rulers that came in during Delhi Sultanate and explain their decline as your take of what could have happened. (Joyful Learning)</p> <p>Be an inventor: Make a working model of a seismograph using cardboard box, cup and a</p>	<p>New Kings and Kingdoms: https://www.youtube.com/watch?v=woS6_Mjnt18 • Environment : https://www.youtube.com/watch?v=Whz0leipCol Inside Our Earth : https://www.youtube.com/watch?v=CNcwRy8VXMk • Role of Government in Health : https://www.youtube.com/watch?v=y0rySZQ9rj4 How the State Government Works : https://www.youtube.com/watch?v=foXJjRn8Qa4 Mughal Empire - https://www.youtube.com/watch?v=rap7eqq3Xdo Tribes, Nomads and settled Communities - https://www.youtube.com/watch?v=MMS-m2-v6M0 Our Changing Earth https://www.youtube.com/watch?v=VOFw0sYoWvo Air – https://www.youtube.com/watch?v=X1zf4KhKHWc Water – https://www.youtube.com/watch?v=tfaCGITxtJ4</p>	<ul style="list-style-type: none"> • Discuss with your ward how man is degrading the environment. • Parents may discuss the active and inactive behavior of the government towards healthcare and students shall submit the report of the same in the class. • Parents may discuss the history of any of the Mughal rulers with their wards. • Parents may make their wards aware about the Do's and Don'ts during an earthquake by conducting a drill at home. • Enjoy the virtual tour of Delhi's Iconic Monuments with your ward using the link given below and discuss with him/her about their learnings from the chapter Delhi Sultans and Rulers and Buildings. <p>https://youtu.be/KEZIHqH0AYo</p>
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		<p>pattern in different countries. (D) LO-SS/VII/4.3/5.1 (G): Shows sensitivity to the need for conservation of natural resources-air, water, energy, flora and fauna - in order to describe how to protect and conserve the environment.(ID) LO-SS/VII/4.4/7.2 (G): Analyses factors contributing to pollution in their surroundings and lists measures to prevent it in order to understand how to protect and conserve the environment. (D) Ch-5 LO-SS/VII/4.3/5.1 (G): Shows sensitivity to the need for conservation of natural resources-air, water, energy, flora and fauna - in order to describe how to protect and conserve the environment. (ID)</p> <p>Civics Ch-1 LO-SS/VII/1.1 (C): Explains the significance of equality in democracy. (D) LO-SS/VII/1.2/10.1 (C): Explains the characteristics of political equality, economic equality, and social equality in order to distinguish between them. (D) LO-SS/VII/1.3/10.2 (C): Interprets social, political and economic issues in one's own region with reference to the right to equality (D) LO-SS/VII/1.3/10.2 (C): Interprets social, political and economic issues in one's own region with reference to the right to equality (D) Ch-3 LO-SS/VII/2.1/3.1 (C): Explains the roles, functions, salient features of local government and state government in order to differentiate between the two. (D) LO-SS/VII/3.2 (C): Describes the process of election to the legislative assembly. (D) LO-SS/VII/3.3 (C): Locates one's own constituency on assembly constituency map of state /UTs and names local MLA. (D)</p>			
Before Half Yearly Exam 12.09.2022 To 18.09.2022 Working Days: 05	Revision of the syllabus covered in Term I.				

Half Yearly Exam 19.09.2022 to 30.09.2022 M.M.: 60	Syllabus Covered in Term I.			
CB: Course Book	WB: Workbook	M.M: Maximum Marks	SDG: Sustainable Development Goal	

Subject: हिन्दी		Syllabus: 2022-2023		Class : VII	
Prescribed Books: <ul style="list-style-type: none">वसंतभाग - 2 (N.C.E.R.T)बाल महाभारत (N.C.E.R.T)व्याकरण परिचय (Forever)					
TEST / EXAM(M.M.)	CONTENTS TO BE COVERED	LEARNING OUTCOMES	CLASS ACTIVITIES	USE OF ICT/LABS	PARENTS' INVOLVEMENT
Prerequisite Knowledge Session 01.04.2022 To05.04.2022 Working Days: 03	<ul style="list-style-type: none">गद्यांश और पद्यांश (1 pd)भाषा, लिपि, व्याकरण और वर्ण, शुद्धिकरण (2 pd)		विद्यार्थी अध्यापिका द्वारा दी गए प्रति विविधित पत्रिका को भरेंगे और अपने ज्ञान को परिष्कृत करेंगे।	विद्यार्थियों के लिए अभ्यास पत्रिका https://www.liveworksheets.com/uj1988573mb	<ul style="list-style-type: none">अभिभावक गद्यांश व पद्यांश में आए कठिन शब्दों को लिखवाकर व हिन्दी अखबार/किताब द्वारा विद्यार्थी को नए शब्दों का अभ्यास कराएँगे।
Term- I 06.04.2022 To 11.09.2022 Working Days: 75	वसंत पाठ्यपुस्तक - 1. हम पंखी उन्मुक्त गगन के CEA: 11.04.22 2. दादी माँ CEA: 20.04.22 3. हिमालय की बेटियाँ CEA: 27.04.22 4. कठपुतली CEA: 04.05.22 5. मिठाईवाला CEA: 11.05.22 6. रक्त और हमारा शरीर CEA: 17.05.22 7. पापा खो गए CEA: 23.05.22 9. चिड़िया की बच्ची 06.07.22 10. अपूर्व अनुभव CEA: 12.07.22 12. कंचा CEA: 22.07.22 व्याकरण - भाषा और व्याकरण, लिपि और साहित्य, वर्ण विचार, संज्ञा, संज्ञा के विकार , सर्वनाम , अनेक शब्दों के लिए एक शब्द , विलोम शब्द , विशेषण , मुहावरे ,	LO-H/VII/1 विविध प्रकार की रचनाओं को पढ़कर समूह में चर्चा करते हैं। अपने पालतू-पशु या पक्षी के साथ अपने संबंध पर चर्चा कर पाएँगे। किसी सामग्री को पढ़ते हुए लेखक द्वारा रचना के परिपेक्ष्य में कहे गए विचार को समझकर और अपने-अपने अनुभवों के साथ उसकी संगति, सहमति या असहमति के संदर्भ में अपने विचार अभिव्यक्त करते हैं। LO-H/VII/2 किसी चित्र या दृश्य को देखने के अनुभव अपने हंग से मौखिक/सांकेतिक भाषा में व्यक्त करते हैं। (ID) LO-H/VII/3 अपने परिवेश में मौजूद लोक-कथाओं और लोक-गीतों के बारे में चर्चा करते हैं और उनकी सराहना करते हैं। LO-H/VII/4 विविध कलाओं, जैसे हस्त कला, वास्तुकला, खेतीबाड़ी, नृत्यकला आदि से जुड़ी सामग्री में प्रयुक्त भाषा के प्रति जिज्ञासा व्यक्त करते हुए उसकी सराहना करते हैं। (ID) LO-H/VII/5 विविध कलाओं, जैसे हस्त कला, वास्तुकला, खेतीबाड़ी, नृत्यकला आदि से जुड़ी सामग्री में प्रयुक्त भाषा के प्रति जिज्ञासा व्यक्त करते हैं, उन्हें समझने का प्रयास करते हैं। LO-H/VII/6 अपने अनुभवों को अपनी भाषा शैली में लिखते हैं। LO-H/VII/7 विभिन्न स्थानीय, सामाजिक एवं प्राकृतिक मुद्दों व घटनाओं के प्रति अपनी तार्किक प्रतिक्रिया देते हैं, जैसे बरसात के दिनों में हरा भरा होना? विषय पर चर्चा LO-H/VII/9 विभिन्न संवेदनशील मुद्दों/विषयों, जैसे जाति, धर्म, रंग, लिंग, रीति-रिवाज के बारे में लिखित रूप से अपनी तार्किक अभिव्यक्ति देना।	कॉलाज निर्माण : विभिन्न पक्षियों के चित्रों व उनकी विशिष्टताओं के माध्यम से एक कॉलाज बनाएँ। 2. दादी का खाना खजाना : अपनी दादी माँ से कोई भी मन पसंद व्यंजन की विधि सीखते हुए उसके आगाज़ सेचरम तक की प्रक्रिया में अपने योगदान को प्रमाणित करते हुए विडियो बनाइए। 3. कठपुतली कला : विद्यार्थी अपनी सज्जनात्मकता का प्रयोग करते हुए कागज़, क पड़े आदि का इस्तमाल करते हुए कठपुतली बनाइए। 4. निबंधलेखन : 'संतुलित आहार सेहत के सलाहकार' विषय पर निबंध लिखिए। (SDG-3) 5. लघुएकांकी : 'पापा खो गए' पाठ के आधार पर निर्जी वस्तुओं का पात्र उदाहरण लेकर एक लघु एकांकी प्रस्तुत कीजिए।	पाठ - 1 हम पंखी उन्मुक्त गगन के https://youtu.be/hlLt55XTn5c पाठ - 2 दादी माँ https://youtu.be/S3n8Zqtkp6c पाठ-3 हिमालय की बेटियाँ https://youtu.be/lZJGI74THqQ पाठ-4 कठपुतली https://youtu.be/nOCokOTktmA पाठ-5 मिठाईवाला https://youtu.be/IF0YiU-Rypg पाठ-6 रक्त और हमारा शरीर https://www.youtube.com/watch?v=EcoAfnPqDZY पाठ-7 पापा खो गए https://www.youtube.com/watch?v=cLkjGRPBDWo पाठ-9 चिड़िया की बच्ची https://www.youtube.com/watch?v=gF_ntwWQhWA पाठ-12 कंचा https://youtu.be/Hshi72ZBOts	<ul style="list-style-type: none">अभिभावकों द्वारा पर्यावरण सुरक्षा, एवं जल संरक्षण की जानकारी देना। इन विषयों पर जानकारी देते हुए बच्चों से लेख लिखवाना।हिमालय की सहायक नदियों का ज्ञान देते हुए इस पर्यटन के आमोदजनक व रोचक अनुभव विद्यार्थियों के साथ साझा करें और सफ़र के दौरान खींचे गए चित्रों से 'कुटुंब पादप' बनाएँ। (Family Tree)अपनी संतान के प्रति अपने प्रेम को दर्शाते हुए एक ग्रीटिंग कार्ड बनाइए। https://www.youtube.com/watch?v=ign6de4oh00

	<p>शुद्धिकरण </p> <p>बाल महाभारत कथा -</p> <p>महाभारत कथा से यक्ष-प्रश्न</p> <p>पुनरावृत्ति</p> <p>साहित्य परीक्षा</p> <p>व्याकरण परीक्षा</p> <p>लेखन: पत्र , चित्र वर्णन, अनुच्छेद लेखन</p>	<p>LO-H/VII/10 किसी पाठ्य वस्तु को पढ़ने के दौरान समझने के लिए ज़रूरत पड़ने पर अपने किसी सहपाठी या शिक्षक की मदद लेकर उपर्युक्त संदर्भ सामग्री जैसे शब्दकोश, मानचित्र, इंटरनेट या अन्य पुस्तकों की मदद लेते हैं।</p> <p>LO-H/VII/12 भाषा की बारीकियों/व्यवस्था तथा नए शब्दों का प्रयोग करते हैं। जैसे - किसी कविता में प्रयुक्त शब्द, पदबंध का प्रयोग करते- आप बहते हैं तो बहते ही चले जाते हैं या जल रेल जैसे प्रयोग</p>			
<p>Before Half Yearly Exam 12.09.2022 To 18.09.2022 Working Days: 05</p>	<p>Revision of the syllabus covered in Term I.</p>				
<p>Half Yearly Exam 19.09.2022 to 30.09.2022 M.M.: 60</p>	<p>Syllabus Covered in Term I.</p>				
<p>CB: Course Book WB: Workbook M.M: Maximum Marks SDG: Sustainable Development Goal</p>					

Subject: संस्कृत		Syllabus: 2022-2023		Class : VII	
Prescribed Books: संस्कृतज्ञानज्योति :द्वितीयभाग					
EST / EXAM (M.M.)	CONTENTS TO BE COVERED	CLASS ACTIVITY	USE OF ICT / LABS	PARENTS' INVOLVEMENT	
Pre Requisite Knowledge Session 01.04.2022 To 05.04.2022 Working Days: 03	आकारान्तस्त्रीलिंगशब्द (तीनोंवचन)	समनुदेशनपत्र	आकारान्त स्त्रीलिंग शब्द (तीनोंवचन https://www.youtube.com/watch?v=ly1udn7BU1U	विद्यार्थी से आकारान्त स्त्रीलिंग शब्दों की तालिका बनवाएँ	

<p>Term- I 06.04.2022 To 11.09.2022 Working Days: 75</p>	<p>संस्कृतज्ञानज्योति :द्वितीयभाग पाठ - 1 ईशवंदना : CEA: 18/04/22 पाठ - 2 वार्तालाप : CEA: 26/04/22 पाठ - 4 संघेशक्ति : CEA: 10/05/22 पाठ - 6 परिश्रमेण एव सिद्ध्यन्तिकार्याणि CEA: 05/07/22 पाठ - 8 श्री जवाहर लाल नेहरू: CEA: 25/07/22 पाठ - 9 उपसर्गपरिचय : CEA: 23/08/22 व्याकरण विशेषण- विशेष्य: संस्कृतगिनती (1-30)</p>	<p>SEA 1 फ़्लैश कार्ड गतिविधि (विशेषण- विशेष्य:) SEA 2 गिनतियों का सस्व रवाचन (1-30 तक)</p>	<p>संस्कृतगिनती (1-30) https://www.youtube.com/watch?v=DQWz2rKVdgc विशेषण- विशेष्य: https://www.youtube.com/watch?v=J_KaGiuFL5Y</p>	<p>विद्यार्थी को शिक्षा प्रद कहानियाँ सुनाएँ व उनसे संस्कृत पाठों का पठन कराएँ ।</p>
<p>Before Half Yearly Exam 12.09.2022 To 18.09.2022 Working Days: 05</p>	<p>Revision of the syllabus covered in Term I.</p>			
<p>Half Yearly Exam 19.09.2022 to 30.09.2022 M.M.: 60</p>	<p>Syllabus Covered in Term I.</p>			
<p>CB: Course Book WB: Workbook M.M: Maximum Marks SDG: Sustainable Development Goal</p>				

Co-Scholastic

Subject	Content to be covered
ICT	Collins: Unit 1- Formulas and Functions in MS Excel Coding Sandpit: Unit 1- Solving Sudoku 4*4 Coding Sandpit: Unit 2- Solving Sudoku 6*6 Coding Sandpit: Unit 3- Solving Sudoku 9*9 Collins: Unit 2- Evolution of Storage Coding Sandpit: Unit 4- Counting Combinations-I Coding Sandpit: Unit 5- Counting Combinations-II Collins: Unit 3- Graphic Designing Coding Sandpit: Unit 6- Arrangement of Objects Coding Sandpit: Unit 7- Simple pattern in mathematics Coding Sandpit: Unit 8- Iterative processes Collins: Unit 4- Editing Images using GIMP Coding Sandpit: Unit 9- Compression Coding Sandpit: Unit 10- Information processing and Sorting Coding Sandpit: Unit 11- Optimization Techniques

General Knowledge	Collins Knowledge Lighthouse 7: World Around Us National Trees Lakes of the world A Trip to Japan Let's visit Argentina! Let's visit Bhutan! The Glorious Middle East Founders of the Nation Countries working Together Man-made Disasters Personalities Quiz Life Skills Fire Safety Etiquette on the Internet Our India Travelling in South India Beaches of India Mahabalipuram Renowned Indian Statues Cash crops of India Indian Railways Northeast India Stars Indian Vocalists Indian Sub-continent Authors Indian Directors Indian Diaspora UNESCO World Heritage Sites Literacy Skills Sweet Tech Newspapers of India Inventors as Nouns How Banks Work	
Value Education	<ul style="list-style-type: none"> • Peace • Rights and Responsibilities • Freedom • Respect and Courtesy • Doing your best 	
Art & Craft	<ul style="list-style-type: none"> ▪ Object drawing (pg- 12 to 15) ▪ Still life study (pg-16) ▪ Rocks and tree (crayon and ink)(pg-18) ▪ Expression sheet (pg 62) ▪ Fun with patterns (pg 72) ▪ Peacock (pg 73) 	Topic : Handmade Paper Jewellery Material required: A4 size pastel sheet 4-5 different coloured, quilling tool, craft varnish, coloured beads & sequence(with hole), aluminium craft wires, nylon string, paint brushes, hobby ideas fabric glue, etc.
	<ul style="list-style-type: none"> ▪ Tree study (pg- 20 to 27) ▪ Face (Eyes, Nose) (pg- 44 & 45) ▪ Thumb Impression (pg 76) ▪ Spray painting (pg 79) ▪ Face (Ears & Lips) (pg- 46 & 47) ▪ Flower (pg- 28 to 30) ▪ Madhubani Art (pg 75) 	Topic: Charcoal painting Material required: charcoal pencil , Eraser , Art file etc.

<p>Music</p>	<p>Vocal Music:</p> <ul style="list-style-type: none"> • Practice of 'Alankar' • Practice of Qawwali • Relation between 'Swar' and 'Alankar' • Practice of Folk song and Patriotic song <p>Instrumental Music:</p> <ul style="list-style-type: none"> ◦ Practice of alankar on harmonium and santoor. ◦ Practice of teen taal (16 beats), Kehrwa taal (8 beats) and Dadra taal (6 beats.) on tabla and congo. • Practice of different types of patterns in 4 beats, rhythm (Tabla, Drum and Congo.) <ul style="list-style-type: none"> ◦ Notation and practice of National Song. ◦ Notation and practice of school prayers 'Itni shakti humein dena data' and 'O Great God' along with rhythm.
<p>Dance</p>	<p>Bharatnatyam & Contemporary Dance:</p> <ul style="list-style-type: none"> • Warm up, Learning facial expression related to different Rasa • Practice of Tatta adavus • Learning of Mudras • Introduction of contemporary dance and related exercise and body posture <p>Kathak Dance:</p> <ul style="list-style-type: none"> • Practice of Indian classical dance- Kathak (Tatkar, Hastak, That, Amad.) • Practice of folk dance (Lavni) • Basic classical dance steps, hand and neck movements • Dance choreography
<p>Dramatics</p>	<ul style="list-style-type: none"> • Practice on Speech, Diction and Body Language • Practice and solo performance on various issues. • Concept of stage play and script writing • Presentation of a stage play
<p>Health and Physical Education</p>	<ul style="list-style-type: none"> • <i>Mock Drill (Safety related measures)</i> • <i>About safety rules (Related to Game)</i> • <i>General fitness exercise and specific exercise</i> • <i>Common injuries in sports</i> • <i>Make them to learn March past</i> • <i>Calisthenics exercise with Prop and Without Prop</i> • <i>Sports Drill Steps (with prop/ without prop)</i> • <i>Fundamental skills</i> • <i>Football, Badminton, Athletics, Volleyball, Kho- kho, Handball ,Basketball, Cricket, Throwball ,Table Tennis etc</i> • <i>Fundamental skills of Rhythmic exercise</i> • <i>Coordination between eyes ,hands and foot movement Test.</i> • <i>Fitness Test (flexibility, coordination, balance and agility test)</i> <p>Yoga</p> <ul style="list-style-type: none"> • <i>Basic warm up exercise including stretching exercise</i> • <i>Surya Namaskar (10 times)</i> • <i>Practice of Basic postures</i> • <i>Basic warm up exercise including stretching exercise</i> • <i>Chandra Namaskar (10 times)</i> • <i>Practice of Sitting postures</i>

Subject: General Knowledge Session: 2022-23 Class: VII		
Prescribed Books: Collins Knowledge Lighthouse 7; Current Affairs will be discussed on a regular basis.		
TERM - I		
	Collins Knowledge Lighthouse 7	Page no.
April'22 & May'22	World Around Us National Trees Lakes of the world A Trip to Japan Let's visit Argentina! Let's visit Bhutan! The Glorious Middle East	World Around Us Pg no. 10 Pg no. 15 Pg no. 20 Pg no. 26 Pg no. 36 Pg no. 46
July'22	Founders of the Nation Countries working Together Man-made Disasters Personalities Quiz Life Skills Fire Safety Etiquette on the Internet	Pg no. 51 Pg no. 62 Pg no. 65 Pg no. 78 Life Skills Pg no. 17 Pg no. 31
August'22	Our India Travelling in South India Beaches of India Mahabalipuram Renowned Indian Statues Cash crops of India Indian Railways Northeast India Stars Indian Vocalists	Our India Pg no. 12 Pg no. 25 Pg no. 30 Pg no. 32 Pg no. 42 Pg no. 54 Pg no. 58 Pg no. 66
September'22	Indian Sub-continent Authors Indian Directors Indian Diaspora UNESCO World Heritage Sites Literacy Skills Sweet Tech Newspapers of India Inventors as Nouns How Banks Work	Pg no. 71 Pg no. 74 Pg no. 80 Pg no. 84 Literacy Skills Pg no. 38 Pg no. 50 Pg no. 44 Pg no. 73

SUBJECT ENRICHMENT ACTIVITIES (2022-23)								
Co-scholastic or Scholastic activities are an intrinsic part of a school's educational endeavour. The Intra Class Activity is a platform that facilitates our young learners to showcase their Attitude, Communication and Thinking Skills (ACT) incorporating the five domains (Cognitive, Moral, Social, Aesthetic and Physical) via strategically designed activities to promote the inculcation of 12 C's simultaneously. For each activity, the winners will be awarded with a e-certificate.								
Month	Dates (Proposed)	Name of the Activity	Activity details	Material Required	Learning Outcome	Subjects Integrated	Judgement	Judgement Criteria
April	PR: 11.04.22 (Mon) FR: 14.04.22 (Thurs)	Nurture the Nature Theme: World Earth	Each student will list five endemic animal and plant species found in Nanda Devi and Valley of Flowers National Parks (World Heritage Sites in	Powerpoint Presentation	Identifies materials and organisms, such as, animal fibres; types of teeth; mirrors and lenses, on the basis of observable features, i.e., appearance, texture, functions, etc. (LO-Sc/VII/1)	English Social Science Math Science Hindi	Five best entries will be selected from each section in	As per the Rubrics.

		Day World Heritage Day (Cognitive, Social, Moral)	India) and present a comparative analysis of how these sites provide crucial habitat for these iconic species via bilingual mode.		<p>Makes efforts to protect environment, e.g., following good practices for sanitation at public places; minimising generation of pollutants; planting trees to avoid soil erosion; sensitising others with the consequences of excessive consumption of natural resources, etc. (LO-Sc/VII/15)</p> <p>विभिन्न स्थानीय, सामाजिक एवं प्राकृतिक मुद्दों व घटनाओं के प्रति अपनी तार्किक प्रतिक्रिया देते हैं। (LO-H/VII/ 5)</p> <p>Thinks critically, compares and contrasts characters, events, ideas, themes and relates them to life. (LO/Eng/VII/9)</p> <p>Refers to suggested websites and uses all forms of ICT(such as,mobile,YouTube,TED talks,etc) to browse for information in order to prepare for projects/slides/discussions/etc. (LO/Eng/VII/25)</p> <p>Expresses a fraction as percentages and decimals in order to solve daily life problems. (LO/M/VII/2.2) Applies algorithms for multiplication and division in order to multiply and divide fractions /decimals. (LO/M/VII/2.3)</p> <p>Shows sensitivity to the need for conservation of natural resources– air, water, energy, flora and fauna - in order to describe how to protect and conserve the environment. (LO-SS/VII/4.3/5.1 (G))</p>	Value Education (Card 9: Sensitivity towards Environment)	P.R. out of which best five will be selected and awarded from the class in F.R.	
July	PR: 11.07.2022(Mon) FR: 14.07.2022 (Thurs)	Travelation Theme: National Youth Skills Day (Cognitive, Social, Moral)	<p>Each student will prepare a presentation containing a travelogue using pictures and illustrations of a week-long trip to any destination in the Himalayan region, covering the following aspects:</p> <p>Budget for the trip, medicinal plants and natural vegetation found in that region, navigation map to reach the location, major tourist attractions and the folk dances/songs of that region. Present the same in bilingual mode (using English and Hindi both) in front of the entire class in order to promote the tourism of the selected destination.</p>	Powerpoint Presentation	<p>Participates in different activities in English such as role play, poetry recitation, skit, drama, debate, speech, elocution, declamation, quiz, etc., organized by school and other such organizations in order to demonstrate fluency and comprehension of the language. (LO-Eng/VII/3)</p> <p>Refers to suggested websites and uses all forms of ICT(such as,mobile,YouTube,TED talks,etc) to browse for information in order to prepare for projects/slides/discussions/etc. (LO/Eng/VII/25)</p> <p>Applies rules for multiplication and division in order to solve problems involving two integers with same or different signs. (LO-M/VII/1.1) Applies algorithm to calculate percentages in order to calculate profits, loss and rate of interest in simple interest calculation (LO-M/VII/8.1) Applies learning of scientific concepts in daily life/real life situations in order to solve problems/give solutions/take preventive measures/etc.: (such as, dealing with acidity; testing and treating soil; taking measures to prevent corrosion; cultivation by vegetative propagation; connecting two or more electric cells in proper order in devices; taking measures during and after disasters; suggesting methods for treatment of polluted water for reuse, etc.) (LO-Sc/VII/14)</p>	English Social Science Math Science Hindi Value Education (Card 9: Sensitivity towards Environment)	Five best entries will be selected from each section in P.R. out of which best five will be selected and awarded from the class in F.R.	As per the Rubrics.

					<p>Makes efforts to protect the environment, e.g., using resources judiciously; making controlled use of fertilizers and pesticides; suggesting ways to cope with environmental hazards, etc. (LO-Sc/VII/15)</p> <p>Shows sensitivity to the need for conservation of natural resources-air, water, energy, flora and fauna - In order to describe how to protect and conserve the environment. (LO-SS/VII/4.3/5.1 (G))</p> <p>अपने परिवेश में मौजूद लोक-कथाओं और लोक-गीतों के बारे में चर्चा करते हैं और उनकी सराहना करते हैं। (LO-H/VII/3)</p>			
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For any queries/concerns, you may contact the respective class teacher/ the coordinator.

We hope that together we succeed in enriching the skills of our children and nurturing their aptitude considerably.



Mrs. Anjana Gupta
Headmistress (Head Of The School)
Rukmini Devi Public School, Rohini