



SUBJECT – ENGLISH

Month	Name of the Chapter	Objective/Aim	Subject Enrichment Activity
April	Reading: Unseen Passage	To enhance the comprehension skills	
	Writing: Notice Writing (Lost), Paragraph Writing	To enhance a child to write proper notice with information. To enhance writing skills for short composition.	
	Grammar: L-1 Kinds of Sentences L-2 Subject & Predicate	Understanding Sentence Structure–To help students identify and construct complete sentences with a subject and predicate. To teach students the different kinds of sentences.	
	Literature: Unit-1 Lesson: A Bottle of Dew	Understanding the Value of Hard Work	Role play: On the basis of the story Bottle of Dew Develop a script with dialogues and enact it with expression.
	Unit-1 Poem: The Raven and the Fox	Understanding the Theme: Students will grasp the central theme that Pride and flattery can lead to one's downfall, as demonstrated by the raven's loss due to its vanity.	Origami- Making stick puppets. (Pg.no.19)
May	Reading: Unseen Passage	To enhance comprehension skills.	Holiday Homework
	Writing: Notice Writing (Lost)	To enable a child to write proper notice with information.	
	Grammar: L-3 Nouns, L-4 Nouns: Number	Helps in knowing different kinds of nouns and number.	
	Literature: Unit-1 Lesson: Rama to the Rescue	To teach students that cleverness and quick thinking can be powerful tools in difficult situations, highlighting how ordinary individuals can effectively handle challenges through wit.	
July	Reading: Unseen Passage	To enhance comprehension skills.	Activity -Let us explore-Write one quotation on a paper (Topic-Friendship) color and decorate it and put it up on class board.
	Writing: Notice Writing (Found), Story Writing	To enable the students to write story with given clues and to learn to write in a style appropriate for communicative purpose.	
	Grammar: L-5 Nouns: Gender L-8 Articles	To learn about Gender (Masculine, Feminine, Common, Neuter). Learning Articles makes writing smoother and clearer.	
	Literature: Unit-2 Lesson: The Unlikely Best Friends, Unit-2 Lesson: The Chair	The story highlights the importance of genuine companionship and the ability of friends to provide comfort and support, even when separated.	



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		Students will learn that genuine friends are those who stand by us and help us when we need them the most.	
	Unit-2 Poem: A Friend's Prayer	To inspire students to recognize the significance of true friendship, encouraging them to be supportive, understanding, and non-judgmental towards their friends.	
August	Reading: Unseen Passage	To enhance comprehension skills.	Let us know our Neem (pg.no.78). Collect dry leaves of four different trees or plants around you. Write their names and their uses. Daddi told Vikram and Vaibhavi about many spices. Choose one spice and introduce yourself as that spice to the class. Make a spicy headband for the spice you choose.
	Writing: Informal Letter (Thanks), Application to the Principal (Change of section)	To enable students to communicate personal thoughts, feelings, and experiences effectively through a structured yet friendly form of writing.	
	Grammar: L-6 Adjectives, L-7 Degrees of Comparison, L-9 Pronouns, L-10 Personal Pronouns: Number, Gender	To understand the concept of Adjectives. To acquaint child with grammatical usage of degrees of adjectives. To acquaint the child with grammatical usage of Pronouns-Personal, Number & Gender	
	Unit-3 Lesson: Neem Baba,	Recognizing Neem as an Eco-Friendly Resource. Learning about Medicinal Properties.	
	Unit-3 Lesson: Spices that Heal Us	To inform students about healing properties of common spices, highlighting their medicinal benefits and encouraging students to use natural ingredients in their daily diets for better health.	
	Unit-3 Poem: What a Bird Thought	Students will learn themes of growth, discovery, and the innocence of childhood as the bird's perspective expands from a limited view to a broader understanding. It also touches on the bird's various homes and their significance throughout its life.	
September	Reading: Unseen Passage	To enhance the comprehension skills.	
	Writing: Application to the Principal (Change of Section/ Fee Concession)	Students will learn the correct structure of a formal application—heading, salutation, subject, body, closing, and signature.	
	Grammar: L-11 Verbs, L-12 The Simple Tense, L-13 The Continuous Tense	To understand the concept of Verbs and Tenses.	
October	Reading: Unseen Passage	To enhance the comprehension skills.	Let us learn - (pg.no.109) Choose words of your own and create your own puzzles.
	Writing: Notice Writing (Participation)	To learn writing in a style appropriate for communicative purpose.	
	Grammar: L-14 The Perfect Tense, L-15 Modals	To understand the correct usage of tenses & Modals.	



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	L-16 Active & Passive Voice	To develop the ability to use both active and passive voice correctly in writing and speaking.	
	Literature: Unit-4 Lesson: Change of Heart Unit-4 Poem: The Winner	To teach students the importance of self-transformation and empathy, encouraging them to reflect on their actions, attitudes, and how making a positive change can lead to better relationships & personal growth. To inspire students to value hard work, determination, and perseverance in achieving their goals, emphasizing that success comes to those who keep striving despite difficulties.	Let us learn - (pg.no.109) Choose words of your own and create your own puzzles.
November	Reading: Unseen Passage	To enhance comprehension skills.	
	Writing: Paragraph Writing,	To learn writing in a style for communicative purpose.	
	Grammar: L-17 Subject Verb Agreement L-18 Adverb L-19 Comparison of Adverbs	To enable students to understand Subject Verb Agreement, Adverb and its Comparison. It will improve both their writing and speaking skills.	
	Literature: Unit-4 Lesson: Yoga -A Way of Life	To teach students the significance of yoga- a holistic practice that promotes not only physical health but also mental peace, helping them understand its role in leading a balanced and healthy life.	
December	Reading: Unseen Passage	To enhance the comprehension skills.	Let Us Explore- (pg.no.139) Create your own Madhubani painting using colours of your choice. Choose a traditional theme like nature, animals, or mythology. Use patterns and designs typical of Madhubani style.
	Writing: Bio-Sketch	To develop ability to describe a person.	
	Grammar: Conjunctions, Subject-Verb Agreement	To develop confidence and proficiency in the use of language.	
	Literature: Unit-5 Lesson: Hamara Bharat: Incredible India Unit -5 Poem: National War Memorial Unit -5 Poem: The Kites Unit – 5 Lesson: Ila Sachani Embroidery Dreams with her Feet	To make students aware of India's cultural diversity, history, and unity, and to foster a sense of patriotism and respect for the nation's heritage. To educate students about the importance of the National War Memorial, its role in remembering and honouring the brave soldiers who sacrificed their lives for the country, and to foster a sense of patriotism and national pride. To inspire students to appreciate the beauty of nature and the power of imagination by exploring the freedom and joy associated with flying a kite. To teach students the value of honesty, integrity, and truthfulness, emphasizing how these qualities shape one's character and lead to a respectful and honourable life.	



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January	Reading: Unseen Passage	To enhance comprehension skills.	
	Writing: Informal Letter (Request)	To help the child learn to convey information in informal way.	
	Grammar: Active and Passive Voice	To develop the ability to use both active and passive voice correctly in writing and speaking.	
February	Revision	To Prepare for Annual Examination	

Exam Syllabus

Unit Test I	Unit Test II	Half Yearly	Unit Test III	Unit Test IV	Annual
Reading – Unseen Passage Writing – Notice Writing (Lost), Paragraph Writing Grammar: L-1 Kinds of Sentence, L-2 Subject & Predicate Literature: Unit-1 Lesson - A Bottle of Dew, Unit -1 Poem-The Raven and the Fox	Reading – Unseen Passage Writing – Notice Writing (Lost & found), Story Writing Grammar: L-3 Nouns, L-4 Nouns: Number L-5 Nouns: Gender L-8 Articles Literature: Unit -1 Lesson-Rama to the Rescue, Unit-2 The Unlikely Best Friends, Unit-2 Poem- A Friend's Prayer	Reading – Unseen Passage Writing: Notice Writing (Lost & Found), Paragraph Writing, Story Writing, Application to the Principal Grammar: UT I, II, L-6 Adjectives L-7 Adj: Degrees of Comparison L-9 Pronouns L-10 Personal Pronouns: Number Gender Pronoun, Number Literature: Unit -2 Lesson: The Chair, Unit-3 Neem Baba, Unit- 3 Lesson: Spices that Heal Us Unit-3 Poem-What a Bird Thought (All previous chapters and poems of UT-1, UT2	Reading – Unseen Passage Writing: Notice Writing (Participation), Application to the principal, Informal Letter (Thanks) Grammar: L-11 Verbs L-12 The Simple Tense L-13 The Continuous Tense Literature: Unit -4 Lesson: Yoga -A Way of Life, Unit-4 Lesson: Change of Heart, Unit-4 Poem-The Winner	Reading – Unseen Passage Writing: Bio-sketch, Paragraph Writing Grammar: L-14 The Perfect Tense L-15 Modals L-16 Active & Passive L-17 Subject Verb Agreement Literature - Unit-5 Lesson-Hamara Bharat-Incredible India, Unit-5 Lesson: Ila Sachani- Embroidering Dreams with her Feet Unit-5 Poem-National War Memorial	Reading – Unseen Passage Writing: Notice Writing, Biosketch Application to Principal, Story Writing, Paragraph Writing, Informal Letter Grammar: H.Y, UT 3, 4 syll L-18 Adverb L-19 Comparison of of Adverb L-20 Prepositions L-21 Conjunctions L-22 Interjections L-24 Direct & Indirect Speech Literature: Lesson- Unit-1 Lesson: A Bottle of Dew, Unit-2 Lesson: The Unlikely Best Friends Unit-1 Poem- The Raven and the Fox, Unit-5 The Kites and all previous chapters and poems of UT-3 & 4



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SUBJECT – HINDI

Month	Name of the Chapter	Objective/Aim	Subject Enrichment Activity	Project
अप्रैल	अपठित गद्यांश व्याकरण पाठ -1 भाषा ल प बोली और व्याकरण ,पाठ -2 वर्ण - वचार, पाठ -13 संज्ञा, पर्यायवाची शब्द 1-10 , वलोम शब्द 1-10, मल्हार से पाठ -1 क वता-मातृभूम तथा पाठ-2 गोल लेखन कौशल- अनुच्छेद लेखन, पत्र -लेखन (अनौपचारिक)	अध्ययनशीलता का विकास करना वर्ण भेद (स्वर -व्यंजन) का ज्ञान कराना । भाषा के रूपों की जानकारी देना । देश प्रेम के व भन्न रूपों पर चर्चा कर वदया र्थयों से अपने देश के प्रति प्रेम व्यक्त करने के तरीकों पर वचार मांगना। वचारों को शब्दों में लखना सखाना ।	अध्या पका द्वारा कथावाचक व श्रवण तथा छात्रों के समूह में प्रश्नोंतरी	“मेरी मातृभूम” वषय पर पोस्टर बनाना। अथवा देशप्रेम या प्रकृति संरक्षण से जुड़े नारे लखना।
मई	अपठित पद्यांश व्याकरण -पाठ -14 लंग ,पाठ -15 वचन ,पाठ -16 कारक "मल्हार से पाठ-3 क वता -पहली बूँद, पाठ -4 हार की जीत लेखन कौशल -अनुच्छेद लेखन	भाव व अर्थग्रहण करने की क्षमता का विकास। व्याकरण नियमों की जानकारी देना व भाषा का विकास करना । कहानी में निहित नैतिक मूल्यों को समझकर व्याख्या करना।। कहानी का सारांश अपने शब्दों में बताना।	रोल प्ले- छात्रों को समूह में बाँटकर कसी खेल का आँखों देखा हाल प्रस्तुत करवाना।	चत्र बनाओ गति व ध वदयार्थी वर्षा ऋतु का चत्र बनाएं और उसमें बादल, बारिश, पेड़-पौधे आदि दिखाएँ। वर्षा जल संचयन - पर जानकारी एकत्र कर छोटा चार्ट या फाइल बनाना।
जुलाई	अपठित गद्यांश व पद्यांश व्याकरण-पाठ -7, पाठ -17 सर्वनाम , पर्यायवाची शब्द 11-20 , वलोम शब्द 11-20, मल्हार से पाठ-पाठ-5 रहीम के दोहे पाठ-6 मेरी माँ लेखन कौशल -पत्र लेखन (औपचारिक प्रार्थना पत्र), डायरी लेखन	व्याकरण नियमों की जानकारी प्रदान कर लेखन का विकास । भाषा की खोज के वषय में ज्ञान कराना , क वता का सस्वर वाचन , स्वतंत्रता सेनानी महिलाओं के बारे में जानकारी प्रदान करना । लेखन कला का विकास करना।	छात्रों द्वारा ग्रीष्मावकाश कस प्रकार व्यतीत किया गया । ए -4 साइज की शीट पर छात्र अपने अनुभवों को लखकर प्रस्तुत करेंगे ।	वदयार्थी अपने परिवार का फेमली वृक्ष बनाकर उसमें माँ की भूमिका के बारे में लखेंगे ।
अगस्त	अपठित गद्यांश व्याकरण - पाठ -3 सं ध ,पाठ -4 शब्द - वचार (तत्सम ,तद् भव शब्द ,वाक्यांश के लिए एक शब्द ,अनेकार्थी शब्द), श्रुतिसम भन्नार्थक शब्द 1 - 15, पर्यायवाची शब्द 21-30, वलोम शब्द 21-30 मल्हार से पाठ -7 क वता -जलाते चलो लेखन कौशल -पत्र (औपचारिक शकायती पत्र), कहानी लेखन	भाव ग्रहण करने की क्षमता का विकास । भाषा विकास के लिए शब्द निर्माण की जानकारी देना । " वदया र्थयों से उनके जीवन के आशावादी अनुभव साझा करने को कहना। क वता को लय के साथ गाने का अभ्यास करवाना।" लेखन कौशल का विकास करना , वचारों को शब्दों में लखना सीखाना ।	“अज्ञान का अंधकार मटाओ, ज्ञान का दीप जलाओ।” पर एक अनुच्छेद लखए	स्वतंत्रता संग्राम में महिलाओं के योगदान पर एक प्रोजेक्ट तैयार करना। अच्छे गुणों की सूची (ईमानदारी, दया, सहानुभूति) तैयार कीजिये ।
सितम्बर	अपठित -पद्यांश व्याकरण - पाठ -8 समश्रुत भन्नार्थक शब्द , उपसर्ग व प्रत्यय, मल्हार से पाठ -8 सत्रिया और बिहू नृत्य	भाव तथा अर्थग्रहण करने की क्षमता को वकसत करना । व्याकरण नियमों की जानकारी प्रदान कर भाषा का विकास करना ।	भारत के पूर्वोत्तर राज्य पर प्रोजेक्ट तैयार करना ।	



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	लेखन कौशल - डायरी लेखन	भारत के व भन्न राज्यों के लोक नृत्य के वषय में जानकारी प्रदान करना। लेखन कौशल का वकास करना ।		
अक्तूबर	अपठित -गद्यांश व्याकरण - पाठ -12 समास , वाक्यांश के लए एक शब्द मल्हार से पाठ-9 मैया में नहीं माखन खायो (पद) पाठ-10 परीक्षा लेखन कौशल - चत्र -वर्णन	वाचन तथा ग्रहण क्षमता को वक सत करना । व्याकरण नियमों की जानकारी देना व भाषा कौशल का वकास । छात्रों में मानवीय गुणों को वक सत करना। मातृ- पुत्र संबंध पर वचार वमर्श करना। लेखन क्षमता का वकास कराना ।	यदि में बाल कृष्ण होता/होती वषय पर छः लाइनों में रचनात्मक लेखन लखें ।	बच्चों के द्वारा 'कृष्ण-जन्माष्टमी' पर झुला, बांसुरी, अथवा मटकी तैयार करना।
नवम्बर	अपठित -पद्यांश व्याकरण - पाठ -19 क्रया ,पाठ -20 काल ,पाठ -26 मुहावरें मल्हार से पाठ-11 चेतक की वीरता लेखन कौशल -कहानी लेखन	भाव तथा अर्थग्रहण करने की क्षमता को वक सत करना । व्याकरण नियमों की जानकारी देना व भाषा कौशल का वकास । इतिहास में वर्णित वीर योद्धाओं के वषय में जानकारी प्रदान करना ।	चेतक का चत्र बनाकर उसकी चार वशेषताएँ लखए ।क वता में आए तुकांत शब्दों की सूची बनाइए	हल्दीघाटी युद्ध पर जानकारी एकत्रित कीजिए।
दिसम्बर	अपठित - गद्यांश व्याकरण - पाठ- 18 वशेषण, पाठ - 21 वाच्य , पाठ -23 वाक्य ,पाठ -26 मुहावरें मल्हार से पाठ- 12 हिन्द महासागर में छोटा -सा हिन्दुस्तान लेखन कौशल -अनुच्छेद लेखन	वाचन तथा भावग्रहण करने की क्षमता को वक सत करना । भाषा कौशल का वकास करना । छात्रों को यात्रा वृतांत की वशेषताएं बताते हुए कठिन शब्दों एवं भावों की व्याख्या करना वदयार्थी द्वारा मौन पठन करना। लेखन कौशल का वकास कराना ।	“वदेश में भारतीय संस्कृति कैसे जी वत रहती है?” कक्षा में समूह चर्चा करेंगे।	भारत और मॉरीशस की संस्कृति , भाषा, त्योहार पर एक परियोजना तैयार करना
जनवरी	अपठित -पद्यांश व्याकरण - पाठ -22 अव्यय ,पाठ -24 शुद्ध वाक्य प्रयोग ,पाठ -25 वराम - चन्ह मल्हार से पाठ-13 पेड़ की बात लेखन कौशल - चत्र -वर्णन तथा पत्र लेखन (औपचारिक तथा अनौपचारिक)	भाव तथा अर्थग्रहण करने की क्षमता को वक सत करना । शुद्ध वाक्य प्रयोग करना सीखाना । जीवन जीवन के लए सूर्य का प्रकाश आधार शला है इस भाव को समझना तथा पेड़ों के द्वारा अवशोषत वषाक्त वायु के वषय में जानकारी प्रदान करना। लेखन कौशल का वकास कराना ।	“अगर पेड़ बोल सकते तो क्या कहते?” वषय को ध्यान में रखते हुए 'पेड़ की आत्मकथा' पर एक रचनात्मक लेखन करेंगे।	मट्टी के कसी पात्र में राजमा ,चने के बीज या फर मूली काटकर बोना इस परियोजना से छात्र जीवन चक्र के बारे में समझ पाएंगे।
फ़रवरी	अपठित -गद्यांश / पद्यांश व्याकरण मल्हार लेखन कौशल	वाचन तथा अर्थ भावग्रहण करने की क्षमता को वक सत करना । पुनरावृत्ति कार्य पुनरावृत्ति कार्य पुनरावृत्ति कार्य		

Exam Syllabus

Unit Test I	Unit Test II	Half Yearly	Unit Test III	Unit Test IV	Annual
अपठित व पठित गद्यांश/ पद्यांश	अपठित व पठित गद्यांश/ पद्यांश पाठ-	अपठित व पठित गद्यांश/पद्यांश पाठ – सं ध, शब्द वचार,संज्ञा,सर्वनाम,	अपठित व पठित गद्यांश/पद्यांश पाठ – उपसर्ग ,प्रत्यय ,समास और क्रया ,	अपठित व पठित गद्यांश/पद्यांश पाठ - काल, वाच्य और वाक्य, वलोम शब्द 41	अपठित व पठित गद्यांश/पद्यांश पाठ वशेषण,अव्यय, वराम -



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पाठ -1 भाषा, ल प एवं व्याकरण, पाठ -2 वर्ण वचार ,पर्यायवाची शब्द 1से 10, वलोम शब्द (1से 10) तक मल्हार से पाठ-1 क वता-मातृभूम तथा पाठ-2 गोल अनौपचारिक पत्र लेखन तथा अनुच्छेद लेखन	संज्ञा , लंग , वचन , कारक , सर्वनाम , वलोम शब्द 11 से 20 ,पर्यायवाची शब्द (11 से 20)तक मल्हार से पाठ-3 क वता -पहली बूँद, पाठ - 4 हार की जीत तथा पाठ-5 रहीम के दोहे औपचारिक पत्र लेखन डायरी लेखन, अनुच्छेद लेखन	वलोम शब्द 21-30 ,पर्यायवाची शब्द 21-30 ,श्रुतिसम भन्नार्थक शब्द 1-15, पाठ- वाक्य शुद्धकरण मल्हार से पाठ 1,2,3,4,5 तथा पाठ-6 मेरी माँ व पाठ -7 क वता -जलाते चलो, पत्र लेखन (औपचारिक तथा अनौपचारिक) , अनुच्छेद लेखन, कहानी लेखन तथा डायरी लेखन	पर्यायवाची शब्द 31 से 40 तक ,अनेकार्थी शब्द 1 से 10 तक ,वाक्यांश के लिए एक शब्द 1 से 15 , मल्हार से पाठ-8 सत्रिया और बिहू नृत्य तथा पाठ-9 मैया मैं नहीं माखन खायो (पद) पत्र लेखन (औपचारिक तथा अनौपचारिक) अनुच्छेद लेखन , चित्र - वर्णन	से 50, अनेकार्थी शब्द 11 से 20 ,वाक्यांश के लिए एक शब्द 16 से 25 मल्हार से पाठ-10 परीक्षा, पाठ-11 चेतक की वीरता तथा पाठ- 12 हिन्द महासागर में छोटा -सा हिन्दुस्तान पत्र लेखन (औपचारिक तथा अनौपचारिक) डायरी लेखन और अनुच्छेद लेखन	चन्द्र,सर्वनाम,वाक्य , पाठ- वाक्य शुद्धकरण मुहावरें(11 से 20),लोकोक्तियाँ(11-20), वलोम शब्द(51-60),अनेकार्थी शब्द(21-32),पर्यायवाची(41-54) मल्हार से पाठ- 8,9,10,11,12 पाठ-13 पेड़ की बात पत्र लेखन (औपचारिक तथा अनौपचारिक), डायरी लेखन, अनुच्छेद लेखन , चित्र -वर्णन
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SUBJECT – SANSKRIT

Month	Name of the Chapter	Objective/Aim	Subject Enrichment Activity	Project
April	खंड -क दीपकम् - पाठ -1 वयं वर्णमालां पठामः , 2. एषः कः? एषा का ? खंड - ख - व्याकरण संख्याएं - 1 -20 तक बालक शब्द रूप गम्, पठ् व रूप धातु रूप लट् लकार में।	पुल्लिङ्ग अकारांत शब्दों का बोध, लङ्, वचन परिचय।	अपनी कक्षा में से 5 वस्तुओं के नाम चुनिए तथा उन का वर्ण वच्छेद कीजिए।	
May	खंड - क दीपकम् - एतत् कम् ? व्याकरण - वलोम शब्द , पर्यायवाची शब्द , दैनिक शब्द।	प्रथम पुरुष मध्यम पुरुष का बोध, संस्कृत शब्दकोश का विकास कराना ।	अपनी आस पास की 5 वस्तुओं के नाम चुनिए तथा उन का वर्ण वच्छेद कीजिए।	
July	खंड क - दीपकम् पाठ -3 - अहं च त्वं च , पाठ -4 अहं प्रातः उ तच्छाम, पाठ -5 शूराः वयं धीराः वयम्। खंड ख व्याकरण ' बा लका ' शब्द रूप ,गम् , पठ् , भू, पा धातु रूप लट् लकार में, संख्या वाक्यनिर्माण, रंगों के नाम, पुष्पों के नाम	नपुंसक लङ् का ज्ञान कराना । प्रश्न निर्माण कराना । धातु रूप का ज्ञान कराना ।		
August	खण्ड - क दीपकम् - पाठ -6 सः एव महान चक्रकारः पाठ -7 अति थदेवो भव, पाठ -8 बुद्धः सर्वार्थसा धका खंड ख व्याकरण पुष्पम् शब्द रूप, धातु रूप लट् लकार में , वाक्यनिर्माण, चत्र वर्णन, संख्या	लकार परिचय, तद् शब्द रूपों का ज्ञान कराना । रोचक कथा के माध्यम से बुद्ध के महत्त्व को समझाना ।		
September	खंड क - दीपकम् - पाठ -9 यो जानाति सः पण्डितः, खंड - ख संख्या -51 से 70 तक	संस्कृत शब्दकोश का विकास ।		अति थदेवो भव ' कहानी का संस्कृत में अनुवाद करें ।
October	खंड क दीपकम्, पाठ -10 त्वं आपणं गच्छ, पाठ -11 पृथ्व्यां त्रीण रत्नानि, पठित गद्यांश, एकपदेन उत्तरत, चत्रवर्णन खंड - ख व्याकरण वाक्यनिर्माण संख्या	वाक्य में कारक प्रयोग द्वारा संस्कृत वाक्य निर्माण ज्ञान ।	चत्र को देखकर वभक्तिओं का प्रयोग करते हुए वाक्य निर्माण करना ।	
November	खंड क - दीपकम् पाठ 12 आलस्यं हि मनुष्याणां शरीरस्थो महान् रिपुः , पाठ -13 सङ्ख्यागणना ननु सरला खण्ड - ख संख्याएं पर्यायवाची, वलोम ,शब्द रूप, धातु रूप, चत्रवर्णन , संख्या, शब्द रूप छात्र	स्त्री लङ् आकारांत शब्द रूप ज्ञान ।लङ् लकार का ज्ञान व प्रयोग करना सखाना ।	संस्कृत भाषा में अपना परिचय देना ।	
December	खण्ड - क दीपकम् - पाठ -14 माधवस्य प्रयम् अङ्गम् खंड - ख व्याकरण शरीर के अंगों के नाम (संस्कृत में) दैनिक वस्तुओं के नाम, धातु रूप , वाक्यनिर्माण, संख्या - 71 से 90 तक, शब्द रूप छात्र	उकारांत शब्द रूप का ज्ञान कराना व संस्कृत शब्दकोश में वृद्ध करना । छात्रों में लेखन कौशल का विकास करना तथा कारक व क्रिया से अवगत कराना ।	सूक्ति कलश के माध्यम से चारित्रिक गुणों की रूपरेखा तैयार करते हुए चार्ट पर पाँच सूक्तियां लखो ।	
January	खण्ड क - पाठ -15 वृक्षाः सत्पुरुषाः इव	वाक्य प्रयोग करना सखाना तथा सर्वनाम शब्द रूपों का ज्ञान कराना		

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	खण्ड -ख व्याकरण - शब्दरूप (राम , लता) धातुरूप पठ् , गम् (लट् , लृट् , लङ् लकार में) , संख्या , चत्रवर्णन			
February	खण्ड क दीपकम् - पुनरावृत्त कार्य। व्याकरण -कराए गये समस्त कार्य की पुनरावृत्ति । पशु पक्षियों के नाम, सब्जियों और फलों के नाम	संपूर्ण सत्र में कराए गए कार्यों व ज्ञान का परीक्षण ।		पांच वाक्य संस्कृत में लखो ।

Exam Syllabus

Unit Test I	Unit Test II	Half Yearly	Unit Test III	Unit Test IV	Annual
दीपकम् - पाठ -1,2 व्याकरण- वलोम शब्द, पर्यायवाची शब्द, दैनिक शब्द, संख्या, शब्दरूप (बालक) धातुरूप, गम् पठ् (लट् लकार में)	पाठ - 3, 4, 5 व्याकरण- समय संख्या 1 - 40, शब्दरूप- बा लका ,धातुरूप (लृट् लकार- पठ् , गम्, पा), वाक्- निर्माण।	पाठ -1 से 6 तक, व्याकरण- शब्दरूप- पुष्पम् , चत्र वर्णन, धातुरूप(लट् व लङ् लकार), रंगों के नाम, पुष्पों के नाम, वाक्पनिर्माण, चत्रवर्णन, संख्या 1 - 50।	पाठ -9,10,11, व्याकरण- शब्दरूप- छात्र , धातुरूप, वलोम शब्द, पर्यायवाची शब्द वाक्पनिर्माण, चत्रवर्णन, संख्या 51 - 70,	पाठ -12, 13, 14 व्याकरण- शब्दरूप- छात्रा, धातुरूप, वलोम शब्द, पर्यायवाची शब्द वाक्पनिर्माण, शरीर के अंगों के नाम चत्रवर्णन, संख्या 71 - 90	पाठ -9 - 15 व्याकरण- शब्दरूप- राम, लता, धातुरूप(लट्, लृट् व लङ् लकार),, वलोम शब्द, पर्यायवाची शब्द वाक्पनिर्माण, पशु पक्षियों के नाम सब्जी व फलों के नाम संख्या 51 - 100



SUBJECT – SCIENCE

Month	Name of the Chapter	Objective/Aim	Subject Enrichment Activity	Project / STEM
April	Ch-1: The Wonderful World of Science Ch-3: Mindful Eating: A path to a healthy body	1. To introduce students to the basics of science and foster a sense of curiosity about the world around them. 2. To teach students about balanced nutrition, healthy eating habits, and the importance of making informed food choices	Tests to confirm the presence of starch, fat and proteins in the given food item.	Activity - 1
May	Ch-5: Measurement of Length and Motion	1. To introduce students to the basic concepts of measuring length and understanding different types of motion	Measuring the length of a curved line with the help of a thread.	
July	Ch-2: Diversity of Living World Ch- 9: Methods of Separation in Everyday Life	1. Identifies (parts of plants) on the basis of their position and structure. 2. To help students understand how different techniques are used to separate mixtures.	To study different parts of a flower	
August	Ch- 9: Methods of Separation in Everyday Life (Contd.) Ch-6: Materials Around Us	1. To explore the different types of materials that make up the world around us.	1. Creating a mixture of various materials (like sand, small pebbles, and iron filings) and then using different methods like sieving, magnetic separation, and filtration to separate them. 2. To study transparent, opaque and translucent objects with examples.	
September	Revision, Half Yearly Exam, Ch-10: Living Creatures: Exploring their characteristics			
October	Ch-10: Living Creatures: Exploring their characteristics (cont..) Ch-7: Temperature and its measurement	1. To understand the movement of animals and human beings. 2. To understand what temperature is, how it's measured using different instruments, and why it's important in everyday life and scientific experiments	1. To observe changes in seed during seed germination. 2. Nature's walk 3. To study about clinical and laboratory thermometer	Activity - 2
November	Ch-7: Temperature and its measurement (cont..) Ch- 8: A journey through states of water	To introduce students to the fundamental concepts of how water changes its state and how it moves through the environment	Observing States of Water	
December	Ch-04: Exploring Magnets Ch- 11: Nature's Treasures	1. To investigate different properties and the reason why does a freely suspended magnet aligns in a particular direction. 2. To identify different poles of the magnet. 3. To educate students about the importance of natural resources	Magnetization of the iron	

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		and the need for their conservation		
January	Ch-12: Beyond Earth	1. Introduce students to the concept of the universe, including the solar system, planets, and other celestial bodies.	Let's Draw Our Constellation	
February	Revision Work			

Exam Syllabus

Unit Test I	Unit Test II	Half Yearly	Unit Test III	Unit Test IV	Annual
Ch.1 & 3	Ch.2 & 5	Ch. 1, 2, 3, 5, 6, 9	Ch. 7 & 10	Ch.4 & 8	Ch. 4, 7, 8, 9, 10, 11, 12



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SUBJECT – MATHS & COMPUTATIONAL THINKING

Month	Name of Chapter	Objective / Aim	Enrichment Activity
April	Ch-1; Patterns in Mathematics	To understand patterns in numbers and shapes, visualizing number sequences and relations among number sequences and shapes sequences.	Pictorial representation of number and shape sequences.
	Ch-2; Lines and Angles	To learn about point, line, line segment and ray.	
May	Ch-2; Lines and Angles (Cont...)	To measure, draw and compare different types of angles.	Make a paper craft and write angles used for folding.
July	Ch-3; Number Play	To explore numbers through patterns and puzzles to develop critical thinking, pattern recognition and problem-solving skills.	Co-prime art.
	Ch-4; Data Handling	To introduce fundamental concept of data collection, organization and representation to develop abilities to manage and interpret data effectively.	Bar graph of birthdays of class students.
August	Ch-5; Prime Time Revision for half yearly	To understand number theory concepts such as prime numbers, composite numbers, factors, multiples and divisibility rules and their application in real life situations.	Sieve of Eratosthenes to understand prime and composite numbers.
September	Ch-6; Perimeter and Area	To learn about the perimeter and area of 2D shapes and their usage in life.	
October	Ch-7; Fractions	To introduce the concept of fractions as a part of whole and to develop foundational skills in understanding and working with fractions.	Addition and subtraction of fractions through fraction kit.
November	Ch-8; Playing with Constructions	To understand the use of geometrical tools such as ruler, compass, protractor for constructing geometrical figures.	
December	Ch-9; Symmetry	To help students understand the concept of symmetry in geometrical shapes and patterns.	Draw lines of symmetry in regular polygons.
January	Ch-10; The Other Side of Zero	To have ideas of integers & their examples from the routine life.	
February	Revision		

Exam Syllabus

Unit Test I	Unit Test II	Half Yearly	Unit Test III	Unit Test IV	Annual
Ch. 1, 2	Ch. 3, 4	Ch. 1, 2, 3, 4, 5	Ch. 6, 7	Ch. 8, 9	Ch.4, 6, 7, 8, 9, 10



Month	Chapter Number and Name	Objective/Aim	Subject Enrichment Activity
April	Ch 1. Locating places on the Earth	To develop the understanding of a child about maps and its components, Types of maps and the concepts of longitudes and latitudes etc.	Draw a diagram showing the Latitudes and Longitudes.
	Ch 4. Timeline and Sources of History	To make the children understand the importance of timeline which helps them to understand the sequence of historical events at different time?	Make a flow chart showing the main sources of history.
	Ch10. Grassroots Democracy – Part 1: Governance	To understand local government and administration of government.	Make a flow chart of the different organs of the government and their functions.
May	Ch13. The Value for work	To develop understanding among the children the meaning of economic and non-economic activities. Importance of non-economic activities as it contributes to social welfare and personal well-being and enhances the overall quality of life.	Create a collage on different forms of labor and workplaces.
July	Ch 5. India, that is Bharat	To make children aware about India as an ancient land that had many names in the course of its history.	Make a poster depicting the names of our country given by foreigners and Indians in ancient times.
	Ch 2. Oceans And Continent	To impart knowledge regarding the major continents and oceans of the world. Also, the importance of oceans.	On the outline map of the World. Label all the continents and oceans.
August	Ch 7. India's Cultural Roots (only for internals)	Students will be able to understand about Vedas and religion like different schools of thoughts.	Give presentation on different school of thoughts such as Buddhism, Jainism, and Vedic culture.
	Revision for Half Yearly Exams		
September	Half Yearly Examinations		
	Ch 6. The Beginning of Indian Civilization	To develop understanding among the children regarding the Indus, Harrapan or Sindhu-Saraswati civilization this is one of the oldest in the World.	Group discussion on ancient tools/artifacts on the earliest civilization.
October	Ch 6. The Beginnings of Indian Civilization (<i>Continued</i>)		
	Ch 9. Family and Community	To make the children understand the importance of family and community, roles and responsibilities of members of family towards family and community.	Describes several situations where community support makes a difference.
	Ch 3. Landforms and Life	To make students aware of the basics of the geographical world around us.	List a few famous pilgrimage Spots in India, along with the landform in which they are found.
November	Ch 3. Landforms and Life (Cont...)		



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	Ch 11. Grassroots Democracy - Part 2: Local Government in Rural Areas	To understand local government and administration of government in rural areas.	Write a letter to the Sarpanch regarding the issue of plastic bags lined up on the ropes right in the village.
December	Ch 12. Grassroots Democracy - Part 3: Local Government in Urban Areas	Know about civic roles and responsibilities.	Make a list of characteristics of a good urban local body.
	Ch 14. Economic Activities Around us	To develop an understanding about economic activities and earning livelihood.	Create a chart on primary, secondary, and tertiary activities.
January	Ch 14. Economic Activities Around us (<i>Continued</i>)		
	Ch 8. Unity in Diversity, or 'Many in the One' (only for internal assessment)	To impart knowledge regarding rich cultural heritage and diversity of India	Make a scrap book/Collage featuring food, dress, and language of different states
February	Revision for Final Exam		

Exam Syllabus

Unit Test I	Unit Test II	Half Yearly	Unit Test III	Unit Test IV	Annual
Ch 1 Ch 4 Ch 10	Ch 2 Ch 5 Ch 13	Ch 1 Ch 2 Ch 4 Ch 5 Ch 7 (only for internal assessment) Ch 10 Ch 13	Ch 6 Ch 9	Ch 3 Ch 11 Ch 12	Ch 2 Ch 3 Ch 6 Ch 8 (only for internal assessment) Ch 10 Ch 11 Ch 12 Ch14



SUBJECT – COMPUTERS & ARTIFICIAL INTELLIGENCE

Month	Name of the Chapter	Objective/Aim	Activity/Practical
April	Chapter 1: Exploring Digital Services	- Describing the history of the internet - Explaining how data is transferred over the internet - Using various internet services	Create a PPT on the various Digital Services
May	Chapter 2: The Slide Magic	- Applying transitions & custom animations - Inserting media clips & action buttons	Creating a PPT on 'Indian Tourist Attractions' and add animation effects, transitions, sound clips, video clips & using Action Buttons to it
July	Chapter 3: Mastering PowerPoint	- Designing a photo album - Using ink equations to write mathematical formulas - Using the screen recording option - Assessing a presentation by adding comments - Using Smart Lookup feature to search for any word - Explaining the use of Ink Annotation feature - Describing various Views in PowerPoint presentation	Creating photo album on 'Major Landforms of the Earth', ink equations, screen recording, comments, smart lookup, ink annotation, slide zoom feature, viewing a presentation and slide show
	Unit I: Introduction to Artificial Intelligence and Everyday	- Meaning of AI, - AI in daily life, - AI and automation, - Human vs Machine Intelligence, - Types of Learning in AI	Activities related to responsible AI usage
August	Unit II: Basic Data Concepts	- Understanding data, - Types of data, - Collecting data, - Organizing data, - Representing data	Activities related to data handling care
September	Revision and Half Yearly Examinations		
October	Chapter 4: Rearranging Data in Excel	- Selecting cells - Demonstrating how to change cell contents - Using numbers as text, date and time - Demonstrating Copy and Move commands - Using Undo, Redo, Auto Fill & Flash Fill Features	Selecting cells, entering numbers as text, entering date & time, changing cell content, undo & redo features, inserting & deleting- cells, columns & rows, changing row height & column width, copying & moving data, auto fill and flash fill features on the worksheet data given in the book
	Chapter 8: Introduction To Python	Identifying the various components of the Python IDLE window.	Create a Calculator program using Python, Create an Area



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		- Understanding Interactive & Script modes - Explaining the different data types - Using print () and input () functions	Calculator program using Python
November	Unit III: Simple Pattern Recognition and Decision Making	- Understanding patterns, - Identifying patterns, - Observations and conclusions, - Decision making	Activities related to Logical thinking
December	Chapter 9: Creating Web Pages Using HTML 5	- Understanding Tags, Elements & Attributes - Rules for writing HTML code - Creating & viewing HTML documents. - Other HTML tags & CSS	Creating simple web pages & applying CSS properties to enhance their appearance.
January	Unit IV: Ethics and Digital Responsibility	- Responsible use of technology, - Online safety, - Privacy, - Password safety, - Digital footprints	Activities related to Online behavior
February	Revision and Annual Examinations		

Exam Syllabus

Half Yearly	Annual
Computers: Ch - 1, 2, 3 AI: Unit I, II	Computers: Chapters- 4, 8, 9 AI: Unit III, IV



CLASS: VI – BIFURCATED SYLLABUS – 2026 – 27
SUBJECT – G.K. & LIFE SKILLS

Months	General Knowledge	Aim/Objectives	Life Skills
April	Amazing Animals and Birds Ch 9- Flightless Birds Ch 10- State Birds and Animals Ch 11- Defensive Might Ch 12- Mammals Ch 13 -Fishy Finds Ch 14 -Teen Tiny Creatures	To develop awareness of animals and birds, their habitats, adaptations, and survival, fostering curiosity, respect for biodiversity, and responsibility towards wildlife conservation and nature protection.	Ch 1- Speak Confidently and Clearly Ch 2- Golden Rules of School life Ch 3- Road Safety Matters Ch 4- Money Wise
May	Our Green Friends Ch 15- Aquatic Plants Ch16- Citrus Fruit Entertainment and Literature Ch 17- Interesting Idioms Ch 18- Indian Literature Ch 19- Figures of Speech Ch 20- Global Entertainment Awards	- To develop awareness about plants, their importance, environmental balance, and encourage eco-friendly habits. - To enhance language skills, cultural awareness, creativity, and appreciation for literature, arts, and media.	
July	Incredible India Ch 21- Exploring My Homeland Ch 22- India's Luminaries Ch 23- Awards & Honours Ch 24- Union Territories of India Ch 25- Trains: Speed, Luxury, and Comfort Ch 26- The Diverse India Ch 27- G20 Ch 28- Indian Rulers	To develop awareness of India's culture, heritage, diversity, geography, and foster national pride.	
August	Sports Time Ch 29- Olympic and Paralympic Games, 2024 Ch 30- Badminton: The Racquet Sport Ch 31- Titans of the Track Ch 32- Famous Stadiums of the World Current affairs	To promote physical fitness, teamwork, discipline, sportsmanship, and awareness of various sports and athletes.	
September	Half Yearly Examination		
October	Science Zone Ch 33- The Revolutionary Legends Ch 34- Evolution of the Cell Phone Ch 35- Cyber Security Ch 36- Coding Ch 37- AI Insights Ch 38- Wonders of the Human Body	To develop scientific thinking, curiosity, understanding of concepts, and encourage exploration, observation, and practical learning in science.	Ch 5- Stay Fit With Yoga Ch 6- Deforestation Ch 7- Do The Right Things Ch 8- Healthy Screen Habits
November	World Around Us Ch 39- Gardens By the Bay Ch 40- Brooklyn Bridge Ch 41- National Emblems Ch 42- Africa, The Cradle of Humanity	To develop awareness of surroundings, environment, society, and global diversity, fostering curiosity and responsible citizenship among students.	



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	Ch 43- Defying the Odds Ch 44- International Organizations Ch 45- Prominent Buildings		
December	Think Smart Ch 46- Homographs Ch 47- Venn Diagrams Ch 48- Fubuki Ch 49- Rebus Ch 50- Brain Workout Ch 51- Grid Patterns	To enhance logical thinking, problem-solving skills, vocabulary, and creativity through engaging puzzles, patterns, and reasoning activities.	
January	Knowledge Quest Amazing facts	To enhance curiosity and general awareness by exploring amazing facts, encouraging learning beyond textbooks and daily life.	
February	Discussion on Current Affairs		

Exam Syllabus

Half Yearly	Annual
Life Skill Ch 1- Speak Confidently and Clearly Ch 2- Golden Rules of School life Ch 3- Road Safety Matters Ch 4- Money Wise Ch 9- Flightless Bbirds Ch 10- State Birds and Animals Ch 11- Defensive Might Ch 12- Mammals Ch 13 -Fishy Finds Ch 14 -Teeny Tiny Creatures Ch 15- Aquatic Plants Ch16- Citrus Fruit Ch 17- Interesting Idioms Ch 18- Indian Literature Ch 19- Figures of Speech Ch 20- Global Entertainment Award Ch 21- Exploring My Homeland Ch 22- India's Luminaries Ch 23- Awards & Honours Ch 24- Union Territories of India Ch 25- Trains: Speed, Luxury, and Comfort Ch 26- The Diverse India Ch 27- G20 Ch 28- Indian Rulers Ch 29- Olympic and Paralympic games, 2024 Ch 30- Badminton: The Racquet Sport Ch 31- Titans of the Track Ch 32- Famous Stadium of the World Current Affairs	Life Skill Ch 5- Stay Fit With Yoga Ch 6- Deforestation Ch 7- Do The Right Things Ch 8- Healthy Screen Habits Ch 33- The Revolutionary Legends Ch 34- Evolution of the Cell Phone Ch 35- Cyber Security Ch 36- Coding Ch 37- AI Insights Ch 38- Wonders of the Human Body Ch 39- Gardens By the Bay Ch 40- Brooklyn Bridge Ch 41- National Emblem Ch 42Africa, The Cradle of Humanity Ch 43- Defying the Odds Ch 44- International Organisation Ch 45- Prominent Building Ch 46- Homographs Ch 47- Venn Diagrams Ch 48- Fubuki Ch 49- Rebus Ch 50- Brain Workout Ch 51- Grid Patterns Knowledge Quest Amazing facts Current Affairs



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SUBJECT – SPORTS

Month	Main Sport/Activities	Skill Development	Subject Enrichment
April	Athletics: Jogging, sprints, relay races, stretching, warm-up & cool-down	Endurance, speed, coordination, balance	Importance of exercise
May	Football: Dribbling, passing, shooting, mini matches	Teamwork, spatial awareness, agility	Famous football players; Rules of football
July	Basketball: Dribbling, passing, shooting, lay-ups	Hand-eye coordination, teamwork, decision-making	Study basketball legends; Court layout & scoring
August	Volleyball: Serving, setting, passing, mini matches	Reflexes, timing, coordination, teamwork	History of volleyball; Basic game rules
September	Cricket: Batting, bowling, fielding, catching	Team strategy, precision, focus	Learn cricket positions & scoring; Famous cricketers
October	Chess: Basic moves, opening strategies, check, checkmate, mini matches	Concentration, critical thinking, problem-solving	History of chess; Famous chess players & tournaments
November	Badminton: Grip, serve, footwork, rallies	Reflexes, hand-eye coordination, agility	Types of badminton shots; Rules & scoring
December	Kho-Kho: Chasing, tagging, defending, mini matches	Agility, speed, teamwork, strategic thinking	Learn Kho-Kho rules; Traditional sports & fitness discussion
January	Dodgeball: Throwing, dodging, catching, team matches	Agility, reflexes, strategy, teamwork	Learn rules & fair play; Team coordination exercises
February	Mixed Sports / Sports Day Review: Mini tournaments of all learned sports	Self-assessment, teamwork, sportsmanship	



SUBJECT – ASTRONOMY

Month	Content	Objective/Aim	Subject Enrichment Activity	Project
April	Knowing about our Solar System.	Students would be able to: learn about the eight planets in the Solar System in their proper order. Identify their positions relative to earth. Identify the non- planet members of our solar system.	Some Facts about planets in our solar system. 1. In this activity, students learn about different planets in our solar system and create some fact fans to represent each, along with their characteristics. 2. A discussion on non-planet members of solar system will be done later.	Planet Fact Fans
May	Astronomical tools	Students would be able to identify the different astronomical tools. They would get familiarise with their functions.	Astronomical tools -A beginners Guide. 1. To explore about the different astronomical tools available in a stellarium and their uses. 2. Students will be asked to make a beginners guide containing any five astronomical tools of their choice.	
July	Exploring more about our natural satellite.	1. Students would be able to understand how moon seems to change shape every day. 2. Children would know about the moon surface and the concept of craters.	1. Phases of moon with Oreo Cookies Students will be given a challenge to transform their oreo cookies to represent different phases of moon. 2. Moon craters To explore about the surface of moon and make craters with the help of dust and clay balls.	3-D Model on phases of moon.
August	Origin of a star	1- Students would be able to learn about the origin of a star and understand its life cycle. 2. Students would explore about how ancient people think of stars and events related to them and how many of them are close to the actual facts.	Birth of a star. Children will explore how a star is borne and know about its composition. Act- Colour of stars using candle flame. Cultural Star Knowledge. 2- Students will learn about stars and mythology about them from cultures around the world. They can write their own star story afterwards.	
September	Half Yearly Examinations			
October	Our Earth on the move	Students would know about the four major seasons and the astronomical aspect of them.	Reason for Seasons 1-Seasons origami Activity -To make a paper fold representation depicting how seasons happen.	



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		Students would learn about the movement of earth and their significance.	Rotate v/s Revolve A comparison between rotation and revolution of earth and how it affects the life on earth.	
November	Solar Observation Safety Guidelines	Students will get the knowledge of safety measures which are meant to be followed during solar observations.	Safe Solar Observations. 1. Students will be asked to list the Do's and Don'ts which should be followed to plan a safe solar observation.	
December	Anatomy of a spacesuit	This activity is intended to help students look at their assumptions and stereotypes about who might be an astronomer. They will also understand the basic plan of a spacesuit.	Picturing an Astronaut 1. Act- Students will be asked to make sketch/ picture on what an astronomer looks like in his/her spacesuit and then discuss the different components of it.	
January	Exploring the life expectancy of an alien.	Students would be able to use their imagination and creativity to understand how similar the body plan of an alien should be and how can they be different from sapiens.	Alien using clay modelling. Students will be asked to make an alien from the clay.	Reader's delight Students will be motivated to read a book to reach for stars and create a summary in the form video /PPT to share it with others.
February	Annual Examinations			

Exam Syllabus

Half Yearly	Annual
Multiple choice questions based on activities conducted from April to August	Multiple choice questions based on activities conducted from October to January



SUBJECT – ROBOTICS

Month	Name of the Chapter	Objective/Aim
April	Intro to 3D design Understand the concept of creating a physical three-dimensional	• Intro to 3D design Understand the concept of creating a physical three-dimensional
	Application of 3D Printer	• Learn the use of 3D printer in the real world application
	Making of cube Learning of using 3D programming software for designing a cube	• Making of cube Learning of using 3D programming software for designing a cube
May	Making of sphere Designing a sphere by defining the radius into the 3D digital file	• Making of sphere Designing a sphere by defining the radius into the 3D digital file
	Making of pyramid	• Designing a sphere by defining the angles
	Introduction of microcontroller	• Knowledge of working of Arduino and Microcontroller and configuration of software
July	Making a pattern of led and blink in sequence	• Learning of series sequence of led with respect to time
	Making program of light spectrum	• learning of how colour of light change according to change in frequency and wave length of light
	Control output by infrared radiation	• Learning of working principle of IR sensor
	Introduction and led with battery	• What is bread board and how to use and applications of electrical appliances
August	Series connection of led with buzzer	• Concept of voltage distribution how voltage decreases with connection
	Parallel connection of led with buzzer	• Concept of current distribution how current distributed within nodes
	Making ldr circuit	• How light intensity increases and decreases according to sunlight
September	Half Yearly Examination	
October	Making 555 timer ic circuit	• Concept of timer and oscillation
	IR Sensor using LED Blinking	• Learning of blinking LED using the IR sensor
	Take output according to ultrasonic sensor	• Knowledge of working principle of ultrasonic sensor and how it work
November	Smart street light system	• Knowledge of how street light work according to the intensity of sunlight
	Anti-theft device	• L earn how actuators get activated when any nuisance happens at home
	Smart parking system	• How many vehicle parked in parking area and display it
December	Alarm device for blind people	• It detect hurdles or any obstacle which come in front, left, right, and back
	Detect the air quality	• learn the working principal of MQ135 gas sensor
	Use serial monitor of pc to control led	• Learn the ascci value of alphabets and numbers and give command with it
January	Metal detector	• By the use of hw 134 make a module of metal detector

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	Control LED with capacitive touch	Learn how to programme for touch sensor and how it control led
February	Annual Examination	

Exam Syllabus

Half Yearly	Annual
Multiple choice questions based on activities conducted from April to August	Multiple choice questions based on activities conducted from September to January