



**INDIAN CONVENT SCHOOL,
PKT - 3, ROHINI SEC- 24,
NEW DELHI-110085**

**ANNUAL SYLLABUS
SESSION- 2026-27
CLASS – VIII**

SUBJECT: SOCIAL SCIENCE

BOOK PRESCRIBED: Exploring Society, India and beyond

PERIODIC TEST- 1

Month	Chapters	Suggested Activity	Learning Outcomes
April - May	Ch-1 Natural Resources and Their Use Ch-2 Reshaping India's political map	<ul style="list-style-type: none"> Identify top 3 non-renewable resources used in daily life (e.g., fuel for transport, electricity from coal, iron) and discuss their renewable alternatives Using a map of India, students mark the major deposits of coal, iron ore, and petroleum, and analyze why certain states are more industrialised 	<ul style="list-style-type: none"> Define and Classify: Identify, define, and classify natural resources into renewable (solar, wind) and non-renewable (coal, petroleum) based on their renewability. Promote Sustainability: Suggest sustainable practices (reduce, reuse, recycle) to maintain ecosystem services for future generations. Political maps can help people understand human interactions on the planet and how human systems are interrelated.

MID TERM

Month	Chapters	Suggested Activity	Learning Outcomes
July -September	Ch-3 The rise of the Marathas Ch-4 The colonial era In India Ch-5 Universal Franchise and India's Electoral System Ch- 6 The Parliamentary System: Legislature and Executive	<ol style="list-style-type: none"> On an outline map of India, students label the Maratha heartland, major forts (Raigad, Pratapgad, Gingee), and the extent of the empire under the Peshwas, including key centers like Pune, Satara, and Thanjavur. Enact a debate between a British official and an Indian leader (like Dadabhai Naoroji) on the economic impact of colonial rule. Find out how many representatives (MPs) your state sends to the Lok Sabha and Rajya Sabha. Discuss the significance of the 	<ul style="list-style-type: none"> ! Understand who the Marathas were and the geographical, cultural (Bhakti movement), and political factors that led to their rise. ! Understand the concept of "colonialism," "imperialism," "economic exploitation," and "drain of wealth". ! Distinguish between the

		'Sengol' placed in the Lok Sabha, reflecting on the historical transfer of power and the concept of 'righteous rule'.	Legislature (law-making) and the Executive (law-implementing).
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PERIODIC TEST- 2

Month	Chapters	Suggested Activity	Learning Outcomes
October- December	Ch-7 Factors of production	Students must list the "Land" (space, paper, desks), "Labor" (group members), "Capital" (scissors, pencils, glue), and "Entrepreneur" (team leader) required to make 50 items in 10 minutes. Demonstrates how all factors work together to create goods and generate profit.	! Clearly define land, labor, capital, and entrepreneurship, and identify them in daily scenarios. Distinguish between fixed capital (machines, buildings) and working capital (raw materials, money).

FINAL TERM

Month	Chapters	Suggested Activity	Learning Outcomes
January- March			

SUB: SCIENCE

BOOK PRESCRIBED: Learning science 2.0

PERIODIC TEST- 1

Month	Chapters	Suggested Activity	Learning Outcomes
April - May	Ch-1 Exploring the Investigative World of Science Ch-2 The Invisible Living World: Beyond Our Naked Eye	1. Microscope Observation Activity Students observe onion peel / bread mold to understand microorganisms. 2. Healthy Plate Activity Students prepare a chart showing balanced diet and ways to stay healthy.	1. Students will be able to Understand the basic nature of science and scientific methods. 2. Develop observation, questioning, and reasoning skills. 3. Explain the concept of microorganisms and their importance. 4. Differentiate between useful and harmful microbes.

MID TERM

Month	Chapters	Suggested Activity	Learning Outcomes
July -September	Ch-1 Exploring the Investigative World of Science Ch-2 The Invisible Living World: Beyond Our Naked Eye Ch-3 Health: The Ultimate Treasure Ch-4 Electricity – Magnetic and Heating Effects Ch-5 Exploring Forces Ch-6 Pressure, Winds,	1. Electromagnet Experiment Making a simple electromagnet using a nail, wire and battery. 2. Force Demonstration Push-pull activity using toy cars to understand effects of force.	1. Apply knowledge of health, hygiene, and balanced diet in daily life. 2. Explain effects of electric current and construct a simple electromagnet. 3. Understand types and effects of forces in real-life situations. 4. Explain pressure, winds, and cyclones with safety measures. 5. Perform simple activities to develop experimental and observation skills

	Storms and Cyclones		
PERIODIC TEST- 2			
Month	Chapters	Suggested Activity	Learning Outcomes
October- December	Ch-7 Particulate Nature of Matter Ch-8 Nature of Matter: Elements, Compounds and Mixtures	1.States of Matter Experiment Demonstrate melting ice and evaporation to explain particle movement. 2.Separation of Mixtures Activity Students separate sand, salt and iron filings using different methods.	1.Explain the particulate nature of matter. 2.Differentiate between states of matter based on particle behavior. 3.Classify substances into elements, compounds, and mixtures. 4.Identify physical and chemical changes in daily life.
FINAL TERM			
Month	Chapters	Suggested Activity	Learning Outcomes
January- March	Ch-7 Particulate Nature of Matter Ch-8 Nature of Matter: Elements, Compounds and Mixtures Ch-9 The Amazing World of Solutes, Solvents and Solutions Ch-10 Light – Mirrors and Lenses Ch-11 Keeping Time With the Skies Ch-12 How Nature Works in Harmony Ch-13 Our Home: Earth – A Unique Life Sustaining Planet	1.Mirror Reflection Activity Using mirrors and torch to observe laws of reflection. 2.Earth Protection Project Poster or model on saving Earth and maintaining	1.Understand solutions and methods of separation of mixtures. 2.Explain reflection of light and uses of mirrors and lenses. 3.Describe Earth, space, and time-related phenomena. 4.Understand ecosystem balance and environmental conservation. 5.Apply scientific concepts through activities, experiments, and projects

SUBJECT-HINDI

BOOK PRESCRIBED: Naya Utsav Hindi PathMala
: Anubhasha Hindi Vyakran

PERIODIC TEST- 1			
Month	Chapters	Suggested Activity	Learning Outcomes
April - May	नया उत्सव हिंदी पाठमाला पाठ 1. जलाओ दरि पाठ 2 . अकबरी लोटा अनुभाषा हिंदी व्याकरण पाठ 1 .भाषा, लपि पाठ 2 .वर्ण वचिार	दयिा सजाना नाटक मंचन	देशप्रेम की भावना, परेशानी में समझदारी और मत्रि की मदद
MID TERM			
Month	Chapters	Suggested Activity	Learning Outcomes
July -September	हिंदी पाठमाला पाठ 3. तीन सवाल पाठ 4. मनभावन सावन पाठ 5. नरिथक जोखमि पाठ 6 . जादुई कालीन	1.वचिार गोष्ठी 2.संवाद ,साक्षात्कार की जानकारी 3.बुकजैकेट तैयार करना।,कोलाज आर्द 4.पाठ और अवसर के अनुसार	नैतिक, मौलिक और क्रयिात्मक वकिस, सहानुभूति ,सामाजिक जागरूकता आर्द

	<p>पाठ 7. कर्मवीर पाठ 8 . मसिाइल मैन पाठ 9. प्रदूषति हवा हर सांस में व्याकरण पाठ 3 .संधि पाठ 4 .शब्द वचिार पाठ 5 र्पयायवाची पाठ 6. वलिोम पाठ 7. अनेक शब्दों के लिए एक शब्द पाठ 8 . समरूपी पाठ 9 .अनेकथक पाठ 10 .उपसंग -प्रत्यय पाठ 11. समास पाठ 12 .संज्ञा पाठ 13. लणि पाठ 14.वचन पाठ 15.कारक अपठति व पठति गद्यांश, काव्यांश, अनुच्छेद, औपचारकि पत्र लेखन, संवाद लेखन , सूचना सूचना लेखन आदि</p>		
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PERIODIC TEST- 2

Month	Chapters	Suggested Activity	Learning Outcomes
October- December	<p>हिंदी पाठमाला पाठ 10 . सुभागी पाठ 12. असाध्य एड्स व्याकरण पाठ 16 .सर्वनाम पाठ 17.वशिषण</p>	एड्स की जानकारी देना, संवाद को आगे बढ़ाना	उपचार से बचाव पुत्री का सम्मान और सामाजकि सुधार आदि

FINAL TERM

Month	Chapters	Suggested Activity	Learning Outcomes
January- March	<p>हिंदी पाठमाला पाठ 12. जलयिंवाला बाग में बसंत पाठ 13. वीर अभमिन्नु पाठ 14. शहीद का संदेश पाठ 15. राम वन गमन पाठ 16. नीव की ईट पाठ 17. चीनी फेरी वाला पाठ 18. भारत का संदेश व्याकरण पाठ 17. वशिषण पाठ 18. क्रयिा पाठ 19. काल पाठ 20. अव्यय पाठ 21. पद परचिय पाठ 22. वाक्य रचना पाठ 23. शुद्ध करना पाठ 24.पदबंध पाठ 25 वाचय पाठ 26. वरिम चन्दि पाठ 27.मुहावरे पाठ 28.अलंकार अपठति गद्यांश,काव्यांश, पठति गद्यांश, काव्यांश अनुच्छेद,पत्र लेखन, नारा लेखन, प्रतविदन लेखन ,ईमेल लेखनआदि</p>	श्रवण और वाचन कौशल, संवाद को आगे बढ़ाना, नाटक मंचन, सार वाचन, पाठ के अनुसार आदि	सच्चाई,सेवा , देश की संस्कृति की जानकारी और नयिमों का पालन सीखना

SUBJECT- SANSKRITBOOK PRESCRIBED- **Suprabhatam****PERIODIC TEST- 1**

Month	Chapters	Suggested Activity	Learning Outcomes
April - May	<p>संस्कृत पाठमाला स्तुतिः पाठ – 1 प्रगतशीलम् भारतम् – संवाद (पञ्चलकारेषु) पाठ – 2 दनिर्चया - संवाद (वधिलिङिलकार) बाल प्रती केवल पठनाय पाठ – 1 नभियता - लेख (प्रत्ययः) संस्कृत - व्याकरण उच्चारण - स्थानानि शब्दरूपः- राम, गरु धातुरूप ं गम, डा</p>	<p>क्रियाकलाप 1. अपनी प्रोजेक्ट फाइल में स्वयं की दनिर्चया संस्कृत में लिखिए।</p>	<ol style="list-style-type: none">छात्र अपना परिचय देने में सक्षम हो पाएंगे।छात्रों का बौद्धिक विकास होगा।छात्र चित्र देखकर अपने शब्दों में वाक्य बनाना सीख जायेंगे। छात्र संस्कृत वाक्यों को लयबद्ध करना सीख जायेंगे। संस्कृत भाषा में व्यायाम संबंधी जानकारी दे पाएंगे। छात्र संस्कृत भाषा में श्लोकों का उच्चारण करना सीख जायेंगे। छात्रों की संस्कृत भाषा में शब्दावली में वृद्धि होगी। छात्र किसी भी विषय पर अपने विचार प्रकट करने में सक्षम होंगे। छात्र गीता के श्लोकों को कंठस्थ कर सकेंगे। किसी भी विषय पर लघु लेख लिख सकेंगे। छात्र विद्या का महत्व समझ सकेंगे। <ol style="list-style-type: none">छात्र कक्षा में श्लोकों का उच्चारण करने में सक्षम हो सकेंगे। छात्रों का बौद्धिक विकास होगा। छात्र कक्षा में अपनी अभिव्यक्ति प्रकट करने में सक्षम हो जायेंगे।

MID TERM

Month	Chapters	Suggested Activity	Learning Outcomes
July -September	<p>पाठमाला पाठ – 1 प्रगतशीलम् भारतम् – संवाद (पञ्चलकारेषु) पाठ – 2 दनिर्चया - संवाद (वधिलिङिलकार) बाल प्रती (केवल पठनाय) पाठ – 3 नभियता - लेख (प्रत्ययः) पाठ – 4 सदवचाराः (श्लोकाः) पाठ – 5 परोपकारस्य फलम् - कथा (उपपद-वभिक्तयः) पाठ – 6 आर्दशपरिवारः (कथा) (उपसर्गः) पाठ – 7 प्रभात - सौन्दर्यम् (गीतम्) पाठ – 8 राष्ट्रपतिः डॉ अब्दुलकलामः (परिचयः) संस्कृत व्याकरण अपठति गद्यांश</p>	<ol style="list-style-type: none">पाँच श्लोक लिखकर यथायोग्य चित्र बनाइए साथ में अर्थ भी लिखिए।उपपद वभिक्तियों का प्रयोग करके अपनी संचिका में सुन्दर एवं स्वच्छ तालिका बनाइए।प्रभात सौन्दर्यम् गीत की भाँति ही अन्य कोई प्रेरणास्पद संस्कृतगीत चॉट पेपर पर लिखकर यथायोग्य सजावट कीजिए एवं चित्र चपिकाकर अपनी कक्षा में लगाइए।	<ol style="list-style-type: none">छात्र चित्र देखकर अपने शब्दों में वाक्य बनाना सीख जायेंगे।छात्र संस्कृत भाषा में श्लोकों का उच्चारण करना सीख जायेंगे।छात्रों का बौद्धिक विकास होगा। छात्र विद्या का महत्व समझ सकेंगे।

	<p>1,2,3, चित्रिर्वणनम् (4), पत्र लेखनम् (4) संधि प्रकरणम् संख्यावाचकाः, उपसर्गाः शब्दरूपः- लता, नदी, एतत्, कर् धातुरूपः- पा, कृ, पठ, मुद सब्जयिों के नाम, पक्षयिों के नाम, दनिों के नाम पाठ-3 कारक वभिक्तयः पाठ-4 उपपदवभिक्तीना प्रयोगः पाठ-5 शब्दरूपाणि पाठ-6 धातुरूपाणि पाठ-7 प्रत्ययाः पाठ-8 अव्यय - प्रयोगाः पाठ-9 उपसर्गाः पाठ-10 समासाः</p>		
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PERIODIC TEST- 2

Month	Chapters	Suggested Activity	Learning Outcomes
October- December	<p>पाठमाला पाठ-9 मूख भृत्यः (हास्य कथा) लदिसो जन-जने) केवल पठनाय) पाठ-10 पर्यावरण प्रदूषणम् (लेखा) संस्कृत व्याकरण पाठ - 11 वाच्य परर्वितनमम् परशिष्टि : - शब्दरूप- कमि (स्त्रीलगि) अस्मद् (मैं) तीनो लगि में धातु - सेव, रंगो के नाम</p>	<p>1. इंटरनेट की सहायता से ही कलाम के वषिय मे सामग्री संकलति कीजएि तथा चत्रिों द्वारा अपनी प्रोजेक्ट फाइल में दखिाइए 2. पर्यावरण संरक्षण वषिय पर कक्षा में गोष्ठी का आयोजन करे तथा उत्तम वचिारों को सञ्चकिों में लखिं।</p>	<p>1. छात्रों की संस्कृत भाषा में शब्दावली में वृद्धि होगी। 2. छात्र कक्षा में अपनी अभव्यिक्त प्रिकट करने में सक्षम हो जायेंगे।</p>

FINAL TERM

Month	Chapters	Suggested Activity	Learning Outcomes
January- March	<p>d8[h8k8 पाठ-9 मूखः भृत्यः (हास्य कथा) पाठ- 10 पर्यावरण- प्रदूषणम् (लेखः) पाठ-11 मधूरवचनानि (श्लोकाः) पाठ-12 वदियायाः बद्धरुतिमा - पंचतंत्र कथा (अव्ययानि) पाठ-13 पादकन्दुक क्रीडा (लेखः) पाठ-14 तमसो मा ज्योतिगिमय - (संवाद) स्वर सन्धि पाठ-15 प्रहेलकिा पाठ-16 नदिोषा रचना कथा । वशिषण वशिष्य अपठति गद्यांश, चत्रिर्वणनम्, प्रत्ययः, संवादा, 'मेरा वधियालय,</p>	<p>1. नीति सम्बन्धी पाँच श्लोक लखिएि। 2. इंटरनेट से फूटबॉल खेल से संबंधति मुख्य जानकारयिों एकत्रति करके अपनी प्रोजेक्ट फाइल में लखिएि। 3. एक चार्ट पेपर पर संज्ञा, र्वनाम के साथ वशिषणों का प्रयोग करके वाक्य नमिाण कीजएि एवं यथासंभव चत्रि भी बनाइए या चपिकाइए ।</p>	<p>1. छात्र संस्कृत वाक्यों को लयबद्ध करना सीख जायेंगे। 2. संस्कृत भाषा में खेल संबंधी जानकारी दे पाएंगे। 3. छात्र संस्कृत भाषा में श्लोकों का उच्चारण करना सीख जायेंगे। 4. छात्रों की संस्कृत भाषा में शब्दावली में वृद्धि होगी। 5. छात्र कसिी भी वषिय पर अपने वचिार प्रकट करने में सक्षम हो जायेंगे।</p>

	रंगो के नाम, शरीर के अंगों के नाम, शब्दरूप धातुरूप संस्कृत व्याकरण पाठ-11 वाच्य परवर्तितनम् पाठ -12 संख्याज्ञानम् पाठ -13 समयः पाठ -14 त्रुटि- संशोधनम् पाठ -15 समानार्थक-वपिरीर्थाथक शब्दाः पाठ -16 प्रश्न -नमिणम् पाठ -17 पत्र - लेखनम् पाठ -18 संवाद-लेखनम् पाठ -19 चित्रवर्णनम् पाठ - 20 अपठति - गद्यांश पुनरावृत्ति सोपानम्		
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SUBJECT-COMPUTER

BOOK PRECIBED- Connect IT by Little Kalam

MID- TERM			
Month	Chapters	Suggested Activity	Learning Outcomes
April - May	<ul style="list-style-type: none"> Chapter – 1 (RDBMS Concepts) Chapter – 2 (Working with RDBMS) Chapter – 4 (Tables, Hyperlinks and Forms in HTML) 	<ul style="list-style-type: none"> Create table in MS Access and learn data types Create two different tables in MS Access and perform insertion of data, make relationship, etc. Create a form for students to choose their meal preferences for a school trip. Using different HTML options. Design an HTML table to display the school's exam schedule. 	<ul style="list-style-type: none"> Learn about DBMS and RDBMS as well as database keys and data storage system. Understand the concept of RDBMS and creation of database in MS Access software and learn tables relationships. Learn about Table structure, Hyperlinks, form control, etc. to create HTML pages.
Month	Chapters	Suggested Activity	Learning Outcomes
July -September	<ul style="list-style-type: none"> Chapter – 5 (The Stylish universe of CSS) Chapter – 6 (Creating Interactive Web Pages) 	<ul style="list-style-type: none"> Design web page for a fictional Bookstore using CSS. Write JavaScript program to swap (interchange) positions of two images. <p>Create a web page with some text and a drop-down select list (VIBGYOR).</p>	<ul style="list-style-type: none"> Learn various attributes, tags and comments in HTML as well as understand different concepts of tags. Know about Simple Arithmetic, Functions and Event handling.

For Practical Exam Topics: HTML, CSS and JavaScript

- Tables.
 - Hyperlinks
- Interactive JavaScript events.

FINAL TERM

Month	Chapters	Suggested Activity	Learning Outcomes
October- December	<ul style="list-style-type: none"> • Chapter – 4 (Cyber Ethics and Cyber Security) • Chapter – 7 (Programming in Python) • Chapter – 8 (Video Editing and Shotcut) 	<ul style="list-style-type: none"> ➤ Have students draw an outline of a footprint. Inside, they write down things they have done online (searched, posted, commented, shared). ➤ Show students a fake, printed email asking for "bank details." Have them circle all the red flags (spelling mistakes, urgent tone, strange sender address, generic greetings) ➤ Create a poster on "Safe Surfing". ➤ Write python code to perform if..else statement as well as loop based programs. <p>Shoot a 1 or 2 minutes video and using Shotcut, remove its unwanted parts. Finally, export an MP4 video. Save your work as a .mlt file for further use.</p>	<ul style="list-style-type: none"> ➤ Know and understand cyber ethics, types and safeguard ways while working on internet. ➤ Able to perform more programs with ease and able to do comparison, etc based questions. <p>Understand the interface of Shotcut and learn different application of video diting, etc.</p>

Month	Chapters	Suggested Activity	Learning Outcomes
January- March	<ul style="list-style-type: none"> • Chapter – 9 (Animation Basics with Animate) • Chapter – 10 (AI Concepts & Generative AI) 	<ul style="list-style-type: none"> ➤ Create different type of animation on an object in animate. <p>Create digital artwork, paintings, etc. with the help of AI.</p>	<ul style="list-style-type: none"> ➤ Understand the interface of Adobe Animate, types of animations and exporting animation. ➤ Learn about AI, its applications and examples.

For Practical Exams Topics:

Python

- Programming based on mathematical functions.

Programming based on Logical functions.

SUB- ENGLISH

Book prescribed - Echoes of English Reader & Grammar chest

PERIODIC TEST- 1

Month	Chapters	Suggested Activity	Learning Outcomes
April - May	Reader 1. The Yoga Bond My Only Cry 'Close The Arms Factories' (Poem) 2. Ramanujan: The Man Who Knew Infinity Grammar 1. Sentences and Phrases 2. Nouns and Pronouns 3. Adjectives and Degrees of Comparison Writing skills -Notice & Letter Writing Comprehension	1.Sentence surgery Students will arrange mixed group of words into meaningful sentences. 2.Noun Treasure Student will sort noun as common, proper, collective and abstract.	Students will be able to form correct sentences and identify basic sentence types. Students will be able to identify and classify different types of nouns.

MID TERM

Month	Chapters	Suggested Activity	Learning Outcomes
July -September	Reader 3. The Spice Odyssey Wishing (Poem) 4. The Last Bell Of The Day 5. Jamaican Fragment The Heart Of The Tree (Poem). 6. Keepers Of The Fire Grammar 4. Articles and Determiners 5. Verbs-Infinitives 6. Verbs-Gerunds and Participles 10. Present Tense 11. Past Tense 12. Future Tense 13. Active and Passive Voice Writing skills -Essay writing & Advertisement Comprehension	1. Future News Report Student imagine themselves as new reporters speaking about next week. Next year or future inventions. 2. Voice transformation, relay Teams race to convert active sentences into passive and explain why the focus changes.	Student will be able to express future plans, actions correctly. Student will be able to change active voice into passive voice accurately.

PERIODIC TEST- 2

Month	Chapters	Suggested Activity	Learning Outcomes
October- December	Reader 6. I Have A Dream (Poem) 7. Ink In Her Veins: Threads Of Courage 8. The Library Of Dreams Grammar 7. Clauses 8. Subject-Verb Agreement 9. Modals Writing skills - Newspaper report writing & Note writing Comprehension	1 Sentence Bridge building Students will get two short sentences and must connect them using the best conjunction. 2.Classroom reporter One student says something. Another student act as a reporter and tell the class what was said in indirect speech.	Students will be able to join ideas logically using conjunctions Students will be able to convert direct speech into indirect speech accurately.

FINAL TERM

Month	Chapters	Suggested Activity	Learning Outcomes
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January- March	Reader 7. The Little River (Poem) 9. The Locker Incident Coromandel Fishers (Poem) 10. The Necklace Of Time 11. The Quality Of Mercy Grammar 14. Adverbs and Degrees of Comparison 15. Prepositions and their Correct Use 16. Verbs and Prepositions- Hand In Hand 17. Phrasal Verbs 18. Conjunctions 19. Conditionals 20. Direct and Indirect Speech Writing skills- E-mail writing, Poster & Slogans Unseen Passage	1.Students search newspaper paragraphs for words like in, on, at etc. 2.Cut and Paste chart Students will cut words from newspaper and paste them into column such as noun, pronoun, adjectives etc	Students will be able to identify prepositions correctly. Students will be able to classify words correctly.
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SUBJECT: Maths

BOOK PRESCRIBED: Ganit Prakash NCERT

PERIODIC TEST- 1			
Month	Chapters	Suggested Activity	Learning Outcomes
April - May	Ch-1 A square and a cube Ch-2 Power Play	1. Explore pattern and relationships between a square and a cube. 2. Practice simplifying expressions with exponents.	Understand squares, cubes, and their properties, including patterns and applications. Apply exponents and powers to simplify expressions, including scientific notation.
MID TERM			
Month	Chapters	Suggested Activity	Learning Outcomes
July -September	Ch-1 A square and A cube Ch-2 Powerplay Ch-3 A story of numbers Ch-4 Quadilaterals Ch-5 Number play Ch-6 We distribute, yet things multiply Ch-7 Proportional reasoning 1	1. Identify and classify quadrilaterals in real life examples 2. Explore divisibility and factorization	Understand rational numbers, their operations, and relationships. Identify and analyze properties of quadrilaterals, including types and applications. Explore number patterns, divisibility, and factorization. Apply distributive property to simplify expressions and solve equations. Understand direct and inverse proportions, and apply them to real-life problems.
PERIODIC TEST- 2			

Month	Chapters	Suggested Activity	Learning Outcomes
October- December	Ch-8 Fractions in Disguise Ch-9 The Bodhgaya Pythagoras theorem	1. Practice converting fractions to percentage 2. Explore Pythagoras theorem and applications	Students will be able to- Understand fractions, percentages, and their applications. Apply Pythagorean theorem to solve problems involving right triangles

FINAL TERM

Month	Chapters	Suggested Activity	Learning Outcomes
January- March	Ch-8 Fractions in disguise Ch-9 The Bodhgaya Pythagoras theorem Ch-10 Proportional reasoning 2 Ch-11 Exploring some geometric themes Ch-12 Tales by dots and lines Ch-13 Algebra play Ch- 14 Area	1. Explore geometric shapes and patterns 2. Explore plotting points and graphing lines	Students will be able to- Extend understanding of proportions to similarity and scale factors. Explore geometric constructions, angles, and shapes. Understand coordinate geometry and graphs. Apply algebraic expressions and equations to solve problems. Calculate areas of various shapes, including quadrilaterals and triangles.