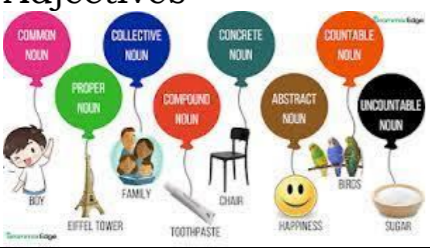




VIDYA PRATISHTHAN'S




**DR. CYRUS POONAWALLA SCHOOL (CBSE), BARAMATI
ANNUAL CURRICULUM PLAN 2026-27**

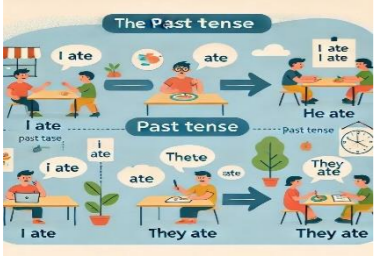

SUBJECT: ENGLISH





CLASS VII


Sr No.	Content / Topic Grammar / Writing Skills	Theme	Month & Working Days	No. of Teaching Periods	Learning Objectives	Learning Outcomes	Activities	Teaching Aids / Methodology	Assessment
1	The Day the River Spoke	<u>Unit 1 Learning Together</u>	April (24)	8	Develop reading comprehension & understanding of prose	Students interpret message of text and answer questions	Reading aloud, discussion	Textbook, questioning, discussion	Oral questions, worksheet
2	Grammar The Sentence			3	Students will understand the concept of topic	Students will be able to explain the topic in their own words.	Students will participate in a group discussion.	Use of chart/visual aid.	Oral questioning will be conducted.
3	Try Again			8	Develop poetic appreciation and vocabulary	Students recite poem with expression	Poem recitation, creative writing	Audio recitation, board work	Notebook work, oral assessment
4	Grammar Nouns & Articles, Adjectives 		June (19)	7	□ Students will understand nouns, articles, and adjectives.	Students will be able to identify and use nouns, articles, and adjectives in sentences.	Students will identify nouns, articles, and adjectives from given sentences.	Use of chart with examples.	Oral questioning will be conducted.
5	Three Days to See			5	Enhance descriptive writing skills	Students write descriptive paragraphs	Diary writing	Pictures, guided writing	Written task


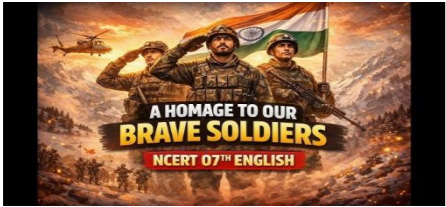
6	Grammar & Writing Skills More on Adjectives 			5	Understand what adjectives are Identify different types (quality, quantity, number, demonstrative, possessive) Use adjectives correctly in sentences	Students can identify adjectives in a sentence Classify types of adjectives Form simple sentences using appropriate adjectives	Fill in the blanks with suitable adjectives Pair activity: describe a friend/object	Explanation with examples Activity-based learning Use of visuals (pictures/fl ashcards) Group and pair work	Worksheet (identify & fill in) Oral questioning Sentence formation task
8	Writing Skills Letter Writing			2	Understand format and types (formal & informal) Use appropriate language and tone	Write letters in correct format Differentiate between formal and informal letters		Explanation with example Guided writing practice	Short writing task
9	Grammar Verbs (Finite/Non-finite) 			4	Understand finite and non-finite verbs Differentiate between their uses in sentences	Identify finite and non-finite verbs in sentences Use them correctly in simple sentences	Underline and classify verbs in sentences Fill in the blanks with correct verb forms	Explanation with examples Practice through worksheets and pair work	Worksheet (identify/classify verbs) Short class test / oral questions
10	Animals, Birds and Dr. Do little	<u>Unit 2</u> <u>Wit and Humour</u>	July (27)	5	Develop reading comprehension	Students identify characters and events	Role play	Story narration	Oral assessment
11	A Funny Man			7	Develop humour appreciation	Students understand poetic tone	Poem recitation	Audio, discussion	Worksheet

12	Grammar & Writing Skills Modals 			4	Understand use of modals (can, may, must, etc.) Identify functions (permission, ability, obligation)	Use modals correctly in sentences Differentiate functions of common modals	Fill in the blanks with suitable modals Role play (asking permission / giving advice)	Explanation with examples Practice through pair work and worksheets	Worksheet (use of modals) Oral questioning / short test
13	Say the Right Thing			6	Develop dialogue skills	Students frame dialogues correctly	Skit presentation	Role play	Rubric based
14	Grammar Present Tense 			3	Understand types of present tense (simple, continuous, perfect) Learn correct verb forms for each tense	Identify present tense forms in sentences Use correct present tense in speaking and writing	Fill in the blanks with correct tense Sentence formation / picture description	Explanation with examples Practice through worksheets and pair work	Worksheet (tense usage) Oral questioning / short test
15	My Brother's Great Invention	<u>Unit 3</u> <u>Dreams and Discoveries</u>	August (21)	7	Develop creative thinking	Students present innovative ideas	Innovation presentation	PPT, brainstorming	Worksheet
16	Grammar Past Tense 			3	Understand types of past tense (simple, continuous, perfect) Learn correct verb forms for past actions	Identify past tense forms in sentences Use past tense correctly in speaking and writing	Fill in the blanks with correct past tense Write 3–4 sentences about past events	Explanation with examples worksheets	Oral questions

17	<p>Future Tense</p> 		August (21)	3	<p>Understand forms of future tense (will, going to)</p> <p>Learn to express future plans and predictions</p>	<p>Identify future tense in sentences</p> <p>Use correct future forms in writing and speaking</p>	<p>Write sentences about future plans</p>	<p>Explanation with examples</p> <p>Practice through pair work and worksheets</p>	<p>Oral questioning / short test</p>
18	<p>Subject Verb Agreement</p>			4	<p>Understand rules of subject-verb agreement</p>	<p>Use correct verb forms according to subject</p>		<p>Explanation with examples</p>	<p>Short worksheet</p>
19	<p>Paper Boats</p> 			8	<p>Develop poetic appreciation</p>	<p>Students interpret poem</p>	<p>illustration activity</p>	<p>Chart, discussion</p>	<p>Notebook work</p>
20	<p>Grammar & Writing Sills</p> <p>Adverbs</p>			4	<p>Understand use and types of adverbs</p>	<p>Identify and use adverbs correctly</p>	<p>Adverb charades (act and guess with adverbs like quickly, slowly)</p>	<p>Activity-based learning with examples</p> <p>Flashcards / action cards</p>	<p>Oral activity</p>
21	<p>Email Writing</p> <p>www.gmail.com</p>			2	<p>Understand format and purpose of notice writing</p>	<p>Write a clear and concise notice</p>	<p>Create a notice for a school event</p>	<p>Demonstration with guided practice</p> <p>Sample notice</p>	<p>Notice writing</p>

22	Notice Writing			2	Understand format and purpose of notice writing	Write a clear and concise notice	Notice board activity	Demonstration Sample notices	Notice Writing
23	North, South, East, West		September (23)	8	Improve grammar usage	Students use grammar correctly	Map activity	Map, board work	Written work
24	Grammar Pronouns 			4	Understand types and usage of pronouns	Use pronouns correctly in sentences	Pass the sentence” game (replace repeated nouns with pronouns)	Interactive activity-based teaching Sentence strips / flashcards	Oral sentence correction task
25	Prepositions			3	Understand use of prepositions (time, place, direction)	Use correct prepositions in sentences	Where is it? game	Demonstration with real objects	Oral description activity
26	Conjunctions 			3	Understand use of conjunctions to join words and sentences	Use appropriate conjunctions in sentences	Sentence joining relay	Interactive demonstration Sentence cards	sentence joining worksheet
27	The Tunnel 	Unit 4 Travel and Adventure	October (24)	6	Enhance narrative understanding	Students analyze plot	Story mapping	Story chart 	Worksheet

28	Grammar Phrases			3	Understand types and use of phrases	Identify and use phrases in sentences	Phrase building game	Activity-based demonstration Word cards	Phrase Formation
29	Clauses 			4	Understand types of clauses (main & subordinate)	Identify and use clauses in sentences	Clause sorting game	Interactive activity-based teaching Clause cards	Identification of Clauses
30	Travel		October (24)	7	Develop writing skills	Students draft email and notice	Email drafting	Format explanation	Written assessment
31	Conquering the Summit		November (12)	6	Develop composition skills	Students write structured composition	Story writing	Guided writing	Class test
32	Grammar & Writing Skills Sentences		November (12)	4	Understand types of sentences (assertive, interrogative, imperative, exclamatory)	Identify and use different types of sentences correctly	Sentence transformation game	Demonstration with interactive practice	Oral sentence transformation activity
33	Essay Writing,			3	Understand structure of an essay (introduction, body, conclusion)	Write a simple, well-organized essay	Picture-based story writing	Guided writing with brainstorming Picture prompts	Short essay writing task

34	Story Writing 			4	Understand elements of a story (characters, setting, plot)	Write a simple, coherent story	Story cube game	Creative writing with guided support Story cards	Short story writing task
35	A Homage to Our Brave Soldiers	<u>Unit 5</u> <u>Braveheart</u>	December (19)	7	Develop patriotic values	Students express ideas creatively	Poster making	Video, chart	Worksheet
36	Grammar Phrasal Verbs			4	Understand meaning and use of common phrasal verbs	Use phrasal verbs correctly in sentences	Act-it-out game (students act a phrasal verb, others guess)	Demonstration with interactive practice Flashcards / action cards	Sentence formation using phrasal verbs
37	Active Passive Voice			5	Understand difference between active and passive voice	Change sentences from active to passive correctly	Voice change relay	Demonstration with guided practice Sentence cards	Oral voice transformation activity
38	My Dear Soldiers 		January (24)	7	Develop reporting skills	Students convert speech	Speech conversion	Board explanation	Practice exercise
39	Grammar Direct & Indirect Speech			7	To understand the concept of direct and indirect speech.	Students will be able to convert sentences from direct to indirect speech.	Sentence conversion practice will be conducted.	Charts/visual examples will be used.	Oral and written questioning will be to check understanding.
40	Rani Abakka		February (23)	6	Develop biography writing skills	Students write biography	Biography writing	Pictures, timeline	Final assessment

41	Grammar & Writing Skills Punctuation ! ? ; , ' - - { ~ ~ } { } ...			3	Understand use of common punctuation marks	Use punctuation correctly in sentences	Punctuation role-play	Demonstration with interactive practice Sentence strips / punctuation cards	Oral correction activity
42	Word Power			3	Develop vocabulary through new words and meanings	Use new words correctly in speaking and writing	Word chain game Interactive and activity-based learning	Interactive and activity-based learning	Oral vocabulary usage activity
43	Biographical Sketch, Making a poster			4	Understand how to write a brief biographical sketch	Present key details of a person in a short paragraph	Present key details of a person in a short paragraph	Guided writing with discussion Clue cards / pictures	Oral or written biographical sketch task
44	THE SECOND TERMINAL EXAMINATION								

Subject Teachers-

VIIA- Mrs. Pranita B.

VIIB- Ms. Deepa J.

VIIC- Mrs. Pragati K.

VIID- Mrs. Reshma L.

Moderator

Principal

विद्या प्रतिष्ठानस्य
डॉ. सायरस पुनावाला स्कूल (सी.बी.एस.ई.) रुई, विद्यानगरी, बारामती
वार्षिक नियोजन २०२६-२७

कक्षा - सप्तमी

संस्कृतम्

Sr. No.	Content/Topic	Months & No. of days	Learning Objectives	Expected Learning Outcome	Activity	Teaching Aids	Assessment
१.	वन्दे भारतमातरम्	अप्रैल (२४)	राष्ट्रभक्ती-विषये जानति तथा राष्ट्रीय ध्वज विषये ज्ञानं प्राप्नुवन्ति ।	स्वप्रदेशे विद्यमानानां नदीनां पर्वतानां तीर्थक्षेत्राणां च नामानि लिखन्तु	जयतु सैनिकः, जयतु कृषकः, जयतु वैज्ञानिकः इति लिखन्ति ।	दीपकम्	देशविषयकःस्नेहः भावना विकसितः
२.	नित्यं पिबामः सुभाषितरसम्	जुन १९	शुभ इति धातोः लट् लकारस्य रूपाणि स्फोरकपत्रे लिखित्वा आनयन्तु। तेषां प्रयोगं कृत्वा वाक्यानि अपि लिखन्ति ।	। सुभाषितेषु आगतानि तृतीयाविभक्तिरूपाणि संगृह्य पुस्तिकाया लिखन्ति ।	सुभाषितकण्ठपाठविषये एकां प्रतियोगितां वर्गे, कक्षायां, विद्यालये च आयोजयन्तु ।	दीपकम्	उच्चारणं क्षमता विकसितः।
३.	मित्राय नमः	जुलाई २७	शरीरस्य मनसः च स्वास्थ्यसम्बद्धाः विषयान् जानन्ति ।	सूर्यनमस्कारस्य योगासनानि छात्राः जानन्ति ।	सूर्यनमस्कारस्य द्वादशानाम् आसनानां भित्तिपत्राणि रचयन्तु।	दीपकम्	प्रतिदिनं सूर्यनमस्कारस्य अभ्यासं कुर्वन्ति
४.	न लभ्यते चेत् आम्लं द्राक्षाफलम्	जुलाई	पाठस्य मध्ये लिखित भावार्थं छात्राः पठन्ति तथा जानन्ति ।	पाठस्य व्याकरणम् जानन्ति ।	मुखेन द्राक्षाफलस्य ग्रहणम् इति क्रीडां कुर्वन्ति ।	दीपकम्	छात्राः कथा बोधं ज्ञास्यन्ति
५.	सेवा हि परमो धर्मः	अगस्त २१	सेवाविषयक भाव छात्राः जानन्ति ।	पाठे दत्तवती कथा नागार्जुन विषयक अस्ति सा सम्यक् रूपेण जानन्ति ।	परिवेशे विद्यमानानाम् आयुर्वेदीयसंस्थानां पदार्थानां च नामानि लिखन्तु । तेषां स्वास्थ्यरक्षणलाभान् लिखन्तु।	दीपकम्	सेवा-भाव विकसितः भविष्यति
६.	क्रीडाम वयं श्लोकान्त्याक्षरीम्	अगस्त	अस्मिन् पाठे अन्त्याक्षरीश्लोकाः सन्ति तथैव विविधस्रोतोभ्यः सुभाषितानि अन्त्याक्षरीक्रमेण लिखन्तु ।	छात्राः श्लोकाः अन्त्याक्षरीक्रमेण वदन्ति ।	माता-पित्रोः शिक्षकस्य च साहाय्येन मानवानां षोडश-संस्काराणां नामानि लिखन्तु ।	दीपकम्	पुराणेभ्यः कथां छात्राः ज्ञास्यन्ति ।
७.	ईशावास्यम् इदं सर्वम्	सप्टेंबर २३	छात्राः उपनिषदस्य ज्ञानम् पठन्ति अनुभवन्ति च।	छात्राः प्रल्हादस्य निज निष्ठा कथम् अस्ति सा जनन्ति ।	कक्षायाः सर्वे छात्राः मिलित्वा अस्य नाटकस्य अभिनयं कुर्वन्तु ।	दीपकम्	अभिनयं विकसितः भविष्यति

८.	हितं मनोहारि च दुर्लभं वचः	सप्टेंबर	संस्कृत वचनानि महत्त्वम् अनुभवन्ति	हितकारक वचनानि लिखन्ति वदन्ति च।	अलिखित्वा पञ्च वाक्यानि लिखन्ति ।	दीपकम्	उच्चारणं क्षमता विकसितः।
९.	अन्नाद् भवन्ति भूतानि	ऑक्टोबर २४	पर्जन्यानां तथा पञ्चत्व-नाम् विषये जानन्ति	ज्ञान-शक्तिः वर्धयिष्यति ।	पर्जन्यानां चित्राणां संग्रहं कुर्वन्ति ।	दीपकम्	पर्यावरण विषयकं ज्ञानं वर्धयति ।
१०.	दशमः कः ?	नोव्हेंबर १२	कथा अनुभवन्ति ।	लोटलकार विषये ज्ञानम् ।	लोटलकारे पञ्च वाक्यानि लिखन्ति	दीपकम्	व्यवहारज्ञानम् विकसितः ।
११.	द्वीपेषु रम्यः द्वीपोऽण्डमानः	डिसेम्बर १९	द्वीपानां विषयक ज्ञानम् वर्धन्ते	भारतस्य द्वीपानां ज्ञानम् भविष्यति ।	चित्रान् दृष्ट्वा श्लोकान् लिखन्ति	दीपकम्	उच्चारणं क्षमता विकसितः।
१२.	वीराङ्गना पन्नाधाय	जानेवारी २४	एकनिष्ठा कथं अस्ति अस्मिन् विषये महत्वं छात्राः जानन्ति	राष्ट्रभक्तीयाः महत्वं ज्ञास्यन्ति।	प्राचीनभारतस्य राज्यानां नामानि, तेषाम् आधुनिकनामानि च लिखन्तु।	दीपकम्	एकनिष्ठा कथं अस्ति अस्मिन् विकसितः ।
१३.	वर्णमात्रा-परिचयः	जानेवारी	स्वराः व्यञ्जनाः च ज्ञानम्। संयुक्त व्यञ्जनानि वर्ण वियोगः च ज्ञानम्।	छात्रः स्वराः व्यञ्जनाः च भेदाः ज्ञास्यन्ति ।	चित्रलेखः अलेखन्ति	दीपकम्	उच्चारणं क्षमता विकसित । शब्दज्ञानस्य क्षमता विकसित
१४.	शब्दरूपाणि	फ़ेब्रुवारी २३	नामानि सर्वनामानि जानन्ति	नामानि सर्वनामानि लिखन्ति ।	चित्रलेखः अलेखन्ति	दीपकम्	शब्दरूपस्य ज्ञानं वर्धयति ।
१५	धातुरूपाणि	मार्च १२	धातुरूपाणि लिखन्ति ।	धातुरूपानां उच्चारणम् कुर्वन्ति	धातुरूपानां संग्रहणं कुर्वन्ति	दीपकम्	धातुरूपाणि - विषयकं ज्ञानं वर्धयति ।

विषय शिक्षक


श्री किसन विठ्ठल धुमाळ

श्री संतोष तानाजी जगदाळे


VIDYA PRATISHTHAN'S
DR. CYRUS POONAWALLA SCHOOL (CBSE), BARAMATI

Std - VII

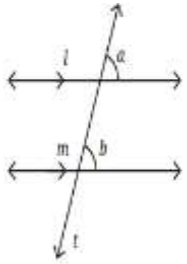
MATHEMATICS

Sr. No.	Content / Topic	Month and No. of working days	No. of days for teaching	Learning Objectives	Expected Learning outcomes	Activity / Practical	Teaching aid	Assessment
1.	BRIDGE COURSE (NUMBER PLAY, FRACTIONS, THE OTHER SIDE OF ZERO)	April - 24	08	<p>Students will be able to :-</p> <ul style="list-style-type: none"> - Recall and strengthen basic concepts from Class VI mathematics. - Understand and apply number patterns and operations (Numbers Play). - Perform operations on fractions (addition, subtraction, multiplication, division). - Understand integers and the concept of positive and negative numbers (Other Side of Zero). - Represent numbers on a number line. - Solve simple problems using these concepts in daily life. 	<p>Students would be able to :-</p> <ul style="list-style-type: none"> - Perform basic operations with whole numbers confidently. - Identify and extend number patterns. - Simplify and operate fractions correctly. - Represent and compare integers on a number line. - Understand the concept of zero, positive and negative numbers. - Apply these basic concepts to solve simple mathematical problems. 	Worksheet	Green Board, ICR	Assessment will be done on the basis of decided rubrics.
2.	LARGE NUMBERS AROUND US	April - 24	10	<p>Students will be able to :-</p> <ul style="list-style-type: none"> - Understand the concept of large numbers in daily life.  <ul style="list-style-type: none"> - Read and write large numbers using the 	<p>Students would be able to:-</p> <ul style="list-style-type: none"> - Read and write numbers up to crores correctly. - Differentiate between Indian and 	Make the number with matchsticks	ICR , Green Board	Assessment will be done on the basis of decided rubrics.

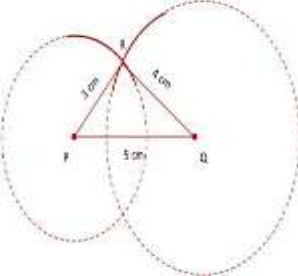
				<p>Indian and International number systems</p> <ul style="list-style-type: none"> - Identify place values and periods (ones, thousands, lakhs, crores) - Compare and arrange large numbers - Apply the concept of large numbers in real-life situations (population, money, distance, etc.) 	<p>International Place value systems.</p> <ul style="list-style-type: none"> - Expand numbers using symbols. - Solve simple problems related to large numbers in real-life contexts. 			
3.	Arithmetic Expression	April – 24 & June - 19	15	<p>Students will be able to:-</p> <ul style="list-style-type: none"> - Understand the meaning and structure of arithmetic expressions - Identify terms and operators in an expression. - Read and Interpret simple and complex expressions correctly. - Apply rule of BODMAS for evaluating expressions. - Compare two or more expressions. - Simplify expressions by removing brackets. - Solve real-life problems using arithmetic expressions. 	<p>Students would be able to :-</p> <ul style="list-style-type: none"> - Identify and write terms, constants, and operations - Read expressions in words and convert words into expressions. - Evaluate simple and complex expressions using correct order of operations. - Remove brackets correctly using appropriate rules. - Compare expressions by evaluating their values. - Apply arithmetic expressions in 	<p>Terms Identification Game, Expression Reading Activity, Real-Life Problem Solving , BODMAS Game</p>	ICR , Green Board	Assessment will be done on the basis of decided rubrics.

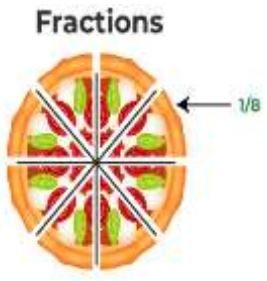
					solving day-to-day problems.			
4.	A PEEK BEYOND THE POINT	June - 19	10	<p>Students will be able to:</p> <ul style="list-style-type: none"> - Understand the need for smaller units in measurement. - Explain the concept of tenths and hundredths. - Relate fractions with decimal notation. - Understand place value system in decimals. - Measure objects accurately using a scale with subdivisions.  <ul style="list-style-type: none"> - Compare and arrange decimal numbers. - Identify the importance of decimal point placement in real-life situations. 	<p>Students would be able to:</p> <ul style="list-style-type: none"> - Convert fractional forms into decimals. - Read and write decimals correctly (e.g., 2.7 as two and seven-tenths). - Measure lengths using a ruler up to one-tenth and one-hundredth precision. - Compare decimals and arrange them in ascending/descending order. - Identify errors caused by wrong decimal placement. - Apply decimals in real-life contexts (money, length, time). 	Paper Folding, Measuring Objects.	Ruler with millimetre markings, Paper strips for folding, Everyday objects (pen, leaf, sharpener)	Assessment will be done on the basis of decided rubrics.
5.	EXPRESSIONS USING LETTER-NUMBERS.	July - 27	10	<p>Students will be able to:</p> <ul style="list-style-type: none"> - Understand the concept of letter-numbers (variables) in mathematics. - Translate verbal statements into algebraic expressions. - Identify terms, coefficients, and 	<p>Students would be able to :</p> <ul style="list-style-type: none"> - Represent unknown quantities using letters (e.g., a, b, n). - Write expressions such as: 	Real-life Situation, Number Machine Game, Matchstick Pattern	Worksheets, Green Board, ICR	Assessment will be done on the basis of decided rubrics.

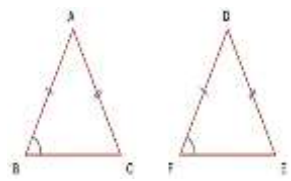
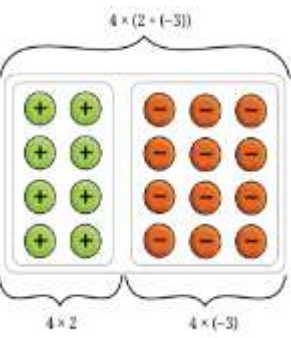


				<p>constants in an expression.</p> <ul style="list-style-type: none"> - Apply algebraic expressions to real-life situations (age, cost, patterns, matchsticks, etc.). - Recognize and form patterns using algebraic rules. - Simplify basic algebraic expressions using arithmetic operations. 	<ul style="list-style-type: none"> - “3 more than a number” $\rightarrow x + 3$ - “2 times a number” $\rightarrow 2x$ - Evaluate expressions by substituting values. - Form rules for patterns (e.g., matchstick patterns, sequences). - Solve simple real-life problems using algebraic expressions. - Avoid common errors (like incorrect substitution or sign mistakes). 			
6.	<p>PARALLEL AND INTERSECTING LINES</p> 	July - 27	12	<p>Students will be able to:</p> <ul style="list-style-type: none"> - Understand the concepts of parallel lines and intersecting lines. - Identify points of intersection and number of angles formed. - Recognize and define vertically opposite angles and linear pairs. - Understand that: <ul style="list-style-type: none"> - Vertically opposite angles are equal - Linear pairs sum to 180° - Draw and identify perpendicular lines. - Apply these concepts in real-life situations (roads, railway tracks, etc.). 	<p>Students would be able to :</p> <ul style="list-style-type: none"> - Differentiate between parallel and intersecting lines with examples. - State properties: <ul style="list-style-type: none"> - Vertically opposite angles are equal - Linear pair angles are supplementary - Identify angle pairs from diagrams correctly. - Draw: <ul style="list-style-type: none"> - Parallel lines - Intersecting 	Paper Folding Activity, Angle Formation Activity, Protractor Activity	Green Board , ICR, Geometry box (scale, protractor, compass), Real-life pictures (roads, tracks, crossings)	Assessment will be done on the basis of decided rubrics.

					<ul style="list-style-type: none"> lines - Perpendicular lines (90°) - Solve simple problems related to angle relationships. - Apply knowledge in daily life observations (e.g., ladders, roads). 												
7.	NUMBER PLAY	July – 27 & August – 21	12	<p>Students will be able to:</p> <ul style="list-style-type: none"> - Understand the concept of parity (odd and even numbers) and apply it in problem solving. - Explore patterns and relationships in numbers. - Develop logical thinking through puzzles, grids, and magic squares. - Understand and create magic squares(3×3). <table border="1" data-bbox="837 1361 1086 1529"> <tr> <td>8</td> <td>1</td> <td>6</td> </tr> <tr> <td>3</td> <td>5</td> <td>7</td> </tr> <tr> <td>4</td> <td>9</td> <td>2</td> </tr> </table> <ul style="list-style-type: none"> - Solve cryptarithms (letter-number puzzles). - Identify number patterns like Fibonacci sequence. - Apply reasoning skills to solve real-life mathematical situations. 	8	1	6	3	5	7	4	9	2	<p>Students would be able to :</p> <ul style="list-style-type: none"> - Classify numbers as odd or even and determine parity of expressions. - Solve problems involving sum of odd/even numbers. - Complete and create magic squares with correct sums. - Analyze and fill number grids based on given conditions. - Solve simple cryptarithm puzzles correctly. - Recognize and extend number patterns (like Fibonacci). - Develop confidence in logical reasoning and 	Magic Square Creation, Grid Puzzle Solving,	Worksheets (puzzles, grids, cryptarithms)	Assessment will be done on the basis of decided rubrics.
8	1	6															
3	5	7															
4	9	2															

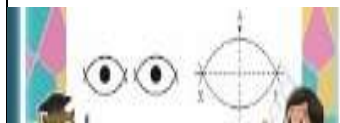

					problem-solving skills.			
8.	A TALE OF THREE INTERSECTING LINES.	August - 21	14	<p>Students will be able to :</p> <ul style="list-style-type: none"> - Understand the concept of a triangle as a figure formed by three intersecting lines. - Identify vertices, sides, and angles of a triangle. - Understand and apply the angle sum property of a triangle (180°). - Explain and apply the exterior angle property of a triangle. - Understand the triangle inequality property (sum of any two sides $>$ third side). - Construct triangles using given sides and/or angles (SSS, SAS, ASA cases). - Recognize when a triangle is possible or not. 	<p>Students would be able to :</p> <ul style="list-style-type: none"> - Define and draw different triangles correctly. - Verify that the sum of interior angles of a triangle is 180°. - Relate exterior angle to the sum of two interior opposite angles. - Check whether given lengths can form a triangle. - Construct triangles accurately using ruler and compass. - Solve problems based on triangle properties and constructions. - Apply logical reasoning in determining possibility/impossibility of triangles. 	<p>Intersecting Circles Construction, Triangle Inequality</p> 	Green Board, Geometry box (ruler, compass, protractor) , Worksheets	Assessment will be done on the basis of decided rubrics.

9.	WORKING WITH FRACTIONS	September - 23	10	<p>Students will be able to :</p> <ul style="list-style-type: none"> - Understand multiplication and division of fractions. - Represent fractions using area models (unit square/rectangle). - Apply the rule: multiply numerators and denominators. - Simplify fractions to lowest terms using common factors. - Convert division of fractions into multiplication using reciprocals. - Solve real-life problems involving fractions (e.g., distance, area, sharing). 	<p>Students would be able to :</p> <ul style="list-style-type: none"> - Correctly multiply two fractions and simplify the result. - Interpret fraction multiplication using area/visual models. - Divide fractions using the reciprocal method accurately. - Compare products of fractions (greater/less than original numbers). - Solve word problems involving fractions confidently. - Explain the concept of fraction multiplication and division in their own words. 	<p>Fraction Area Model, Grid Paper Activity, Real-life Application</p> 	<p>Green Board, ICR, Fraction strips / paper folding models, Worksheets</p>	<p>Assessment will be done on the basis of decided rubrics.</p>
		September		THE FIRST TERMINAL EXAMINATION				
	PART II							
10.	GEOMETRIC TWINS	October - 24	15	<p>Students will be able to :</p> <ul style="list-style-type: none"> - Understand the concept of congruent figures (geometric twins). - Identify congruent 	<p>Students would be able to :</p> <ul style="list-style-type: none"> - Define congruent figures and give examples. 	<p>Paper Cutting and Superposition, Triangle Construction (SSS)</p>	<p>Green Board, ICR, Worksheets, Geometry</p>	<p>Assessment will be done on the basis of decided</p>

				<p>shapes through superposition (overlapping).</p> <ul style="list-style-type: none"> - Recognize corresponding vertices, sides, and angles. - Understand and apply SSS (Side-Side-Side) condition for triangle congruence. - Distinguish between congruent and non-congruent figures. - Apply the concept in simple geometric constructions and real-life situations. 	<ul style="list-style-type: none"> - Identify congruent figures by observation and measurement. - Match corresponding parts of congruent triangles (vertices, sides, angles). - Express congruence using correct notation ($\triangle ABC \cong \triangle XYZ$). - Verify congruence using SSS condition. - Solve problems related to congruence in geometry and daily life. 		<p>box (scale, compass, protractor)</p>	<p>rubrics.</p>
11.	OPERATIONS WITH INTEGERS	October – 24 & November – 12	12	<p>Students will be able to :</p> <ul style="list-style-type: none"> - Understand integers and represent them in daily life situations. - Perform operations on integers: addition, subtraction, multiplication, and division. - Use models like carrom coins to understand positive and negative integers. - Identify and apply rules for multiplication and division of integers. - Observe and explain patterns in multiplication of 	<p>Students would be able to :</p> <ul style="list-style-type: none"> - Represent integers using models (like carrom coins or number line). - Perform multiplication and division of integers correctly. - Understand sign rules (+, -) in operations. - Identify patterns in multiplication 	<p>Carrom Coin Integer Model, Magic Grid Activity</p> 	<p>Greeb Board, ICR, Worksheets, Carrom coins</p>	<p>Assessment will be done on the basis of decided rubrics.</p>

				<p>integers.</p> <ul style="list-style-type: none"> - Solve logical problems like magic grids using integers. - Apply integer operations in real-life contexts. 	<p>(e.g., sign changes).</p> <ul style="list-style-type: none"> - Solve puzzles like magic grids using integer operations. - Apply concepts to solve real-life problems involving integers. 			
12.	FINDING COMMON GROUND	November - 12	08	<p>Students will be able to:</p> <ul style="list-style-type: none"> - Understand the concept of factors and multiples. - Define and differentiate between HCF (Highest Common Factor) and LCM (Lowest Common Multiple). - Find HCF using: <ul style="list-style-type: none"> - Listing method - Prime factorisation - Division method - Find LCM using: <ul style="list-style-type: none"> - Listing method - Prime factorisation - Understand the relationship: <ul style="list-style-type: none"> - $HCF \times LCM = \text{Product of two numbers}$ - Apply HCF and LCM in real-life situations (word problems). 	<p>Students would be able to :</p> <ul style="list-style-type: none"> - Accurately calculate HCF and LCM of given numbers. - Identify when to use HCF and when to use LCM in problems. - Solve daily-life problems (e.g., grouping, repetition, intervals). - Explain the concept of co-prime numbers. - Demonstrate understanding of prime factorisation method. - Verify the relation between HCF and LCM. 	Idli-Vada Game	Green Board, ICR, Worksheets	Assessment will be done on the basis of decided rubrics.
13.	ANOTHER PEEK BEYOND THE POINT	December - 19	14	<p>Students will be able to :</p> <ul style="list-style-type: none"> - Recall and understand place value in decimals (tenths, hundredths, thousandths). 	<p>Students would be able to :</p> <ul style="list-style-type: none"> - Correctly read and write decimal numbers. 	Fraction to Decimal Conversion	Green Board ICR, Worksheets	Assessment will be done on the basis of decided

				<ul style="list-style-type: none"> - Convert fractions (with denominator 10, 100, 1000) into decimals and vice versa. - Express decimals as sum of place values. - Understand and apply division by 10, 100, 1000 using decimal shifting. - Perform multiplication of decimal numbers. - Apply decimal operations in real-life situations (money, distance, measurement). 	<ul style="list-style-type: none"> - Convert fractions into decimals accurately. - Expand decimals into place value form (e.g., $0.254 = 0.2 + 0.05 + 0.004$). - Divide numbers by 10, 100, 1000 by shifting the decimal point. - Multiply decimals confidently and correctly place the decimal point. - Solve real-life problems involving money and measurement. - Demonstrate understanding of decimal operations with proper reasoning. 	<table border="1"> <tr> <td>Fractions</td> <td>$\frac{3}{10}$</td> <td>$\frac{4}{100}$</td> <td>$\frac{67}{1000}$</td> </tr> <tr> <td>Decimals</td> <td>0.3</td> <td>0.04</td> <td>0.067</td> </tr> </table>	Fractions	$\frac{3}{10}$	$\frac{4}{100}$	$\frac{67}{1000}$	Decimals	0.3	0.04	0.067		rubrics.
Fractions	$\frac{3}{10}$	$\frac{4}{100}$	$\frac{67}{1000}$													
Decimals	0.3	0.04	0.067													
14.	CONNECTING THE DOTS	December - 19 & January - 24	15	<p>Students will be able to :</p> <ul style="list-style-type: none"> - Understand the concept of data, variability, and distribution - Define and calculate mean, median, and identify outliers - Interpret dot plots, bar graphs, and tabular data - Compare datasets using central tendency measures - Understand the effect of outliers on mean and median 	<p>Students would be able to :</p> <ul style="list-style-type: none"> - Collect and organize data in tables and graphs - Calculate mean and median accurately - Identify outliers and explain their impact - Interpret graphs (bar graphs, dot 	<p>Class Data Collection, Graph Interpretation</p>	Green Board, ICR, Worksheets	Assessment will be done on the basis of decided rubrics.								

				<ul style="list-style-type: none"> - Apply statistical thinking to real-life situations (rainfall, heights, prices, etc.) 	<ul style="list-style-type: none"> - plots) meaningfully - Compare two datasets and draw conclusions - Develop logical reasoning and data interpretation skills 			
15.	CONSTRUCTIONS AND TILINGS	January - 24	14	<p>Students will be able to :</p> <ul style="list-style-type: none"> - Understand basic geometric constructions using ruler and compass. - Construct perpendicular bisector, 90° angle, and copy of an angle. - Recognize and draw symmetrical figures (like eye shapes and arches). - Understand the concept of tiling (tessellation) and repeating patterns. - Develop spatial visualization and accuracy in drawing. 	<p>Students would be able to :</p> <ul style="list-style-type: none"> - Construct perpendicular bisector of a line segment accurately. - Draw a 90° angle at a given point on a line. - Copy a given angle using ruler and compass. - Identify points equidistant from two given points. - Create simple tiling patterns using repeated units. - Explain symmetry and patterns in real-life designs (arches, art, floor tiles). 	<p>Constructing an Eye Shape, Tilings</p> 	<p>Green Board, ICR, Ruler, Compass, Protractor</p>	<p>Assessment will be done on the basis of decided rubrics.</p>
16.	FINDING THE UNKNOWN	February - 23	12	<p>Students will be able to:</p> <ul style="list-style-type: none"> - Understand the concept of unknown quantities using symbols (like x, y). - Form simple linear equations from real-life situations. 	<p>Students would be able to :</p> <ul style="list-style-type: none"> - Represent real-life problems using algebraic expressions 	<p>Balance Scale Activity</p> 	<p>Green Board, ICR, Worksheets</p>	<p>Assessment will be done on the basis of decided rubrics.</p>

				<ul style="list-style-type: none"> - Solve equations using inverse operations (addition, subtraction, multiplication, division). - Interpret and verify solutions of equations. - Develop logical thinking and problem-solving skills. 	<ul style="list-style-type: none"> and equations. - Solve simple equations of the form: - $x + a = b$ - $ax = b$ - $x/a = b$ - Apply the concept of balance (LHS = RHS) in solving equations. - Check the correctness of solutions by substitution. - Solve problems based on patterns, machines, and word problems. 			
		March	12	THE SECOND TERMINAL EXAMINATION				

Subject Teachers -

1. VII A Mr. Abhijit Nagare
2. VII B Mrs Priyanka Karvekar
3. VII C Mrs. Madhuri Malusare
4. VII D Mrs. Purnima bankar

Moderators -

Mr. Abhijit Nagare


Principal

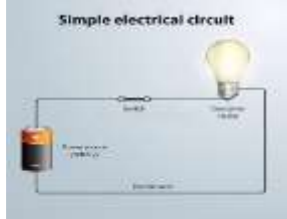




**Vidya Pratishthan's
Dr. Cyrus Poonawalla School (CBSE), Rui, Baramati.**


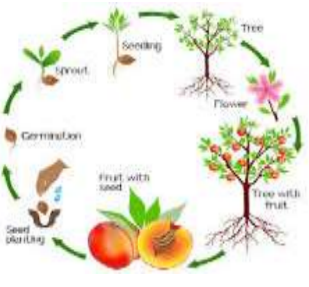
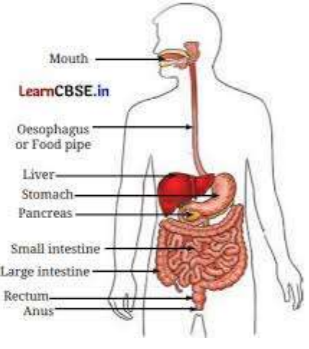
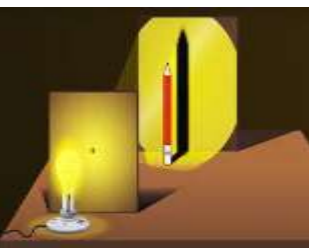

Sub – Science

Annual Planning 2026 - 27

Std - VII

Sr. No	Month	Topic	No. of working days	Period	Learning Objectives	Learning outcomes	Teaching aids	Activity	21 st century skills
1.	April	Bridge course Practical work of Class VI Basic Concepts of - Sources of Food - Nutrition & Diet - Fiber to fabrics - Separation of substances - Changes: Reversible or Irreversible - Parts of Flower	24	08	To enable students to understand - Identify the sources of food material - Selecting food items for balanced diet - Kinds of fibers & their sources - Know various methods of separation - types of changes - Identify different parts of flower & their function	- Understand ingredients required to make different food items. - Selecting food items for balanced diet - Process of making fabric from fiber - Use methods of separation in day to day life - Understand various changes & classify them - Draw labelled diagrams of organisms	ICR, videos, practical	Worksheets	Critical thinking Scientific temper
2.	April	The Ever-Evolving World of Science	24	08	-Understand how science evolves through discoveries, innovations and technological advantages -Identify key scientific milestones that have transformed human understanding -Recognize the importance of ethics and responsibility in scientific developments	-Explain how scientific knowledge is constantly changing and improving -Apply scientific thinking to solve real-world problems or scenarios -Demonstrate increased curiosity, problem solving and informed decision making related to science topics	ICR	To detect presence of starch in chewed food, Study digestive system (human)	Experimentation critical thinking reasoning
3	April	Exploring Substances: Acidic, Basic and Neutral 	24	08	-To enable students to know different types of indicators. -To enable them to know daily life importance of these.	-Examine the common substance used at home based on taste and touch and classify them as acidic or basic indicators -Summarizes observations with respect to behavior of indicators in acidic and basic solutions. -Identify neutralization reactions and its characteristics -Illustrates neutralization reactions seen in everyday life.	Indicator: Blue & red Litmus, Red rose indicator, Turmeric indicator, lemon juice curd, washing soda, baking soda, water, test tubes.	To identify nature of diff. substances by performing Litmus Tests.	Experimentation critical thinking
3	June	Electricity: Circuits and their Components	19	10	-Understand the concept of electric current and its effects -Identify & explain the components	-Define an electric circuit and its components -Identify various components of an	Battery, electric lamp, LED, Wire,	To construct an electric switch	Creativity Innovation teamwork

					of an electric circuit - Understand Electrical Conductors and Insulators	electrical circuit -Explain the importance of fuses	switch		
4	July	The World of Metals & Non-metals 	27	10	-Understand the properties & uses of metals & nonmetals -Understand the chemical properties of metals & nonmetals including reactivity with oxygen and water	-Understand that metals are typically shiny, malleable and ductile. -Understand how metal react with oxygen & water -Understand the importance of metals in everyday life.	Piece of copper, iron, coal, wood, magnesium ribbon, litmus paper etc.	To observe malleability, ductility, conduction of heat in the given substances.	critical thinking teamwork information literacy
5.	July	Changes Around Us: Physical & Chemical 	27	10	-Understand the difference between physical & chemical changes -Recognize the characteristics of physical & chemical changes - Understand the importance of chemical changes in everyday life	-Physical Changes: Definition Examples Characteristics -Chemical Changes: Definition Examples Characteristics	ICR, Iron nails, magnesium ribbon, candle.	To observe the changes taking place around us. -Reaction of vinegar and baking soda	creativity, experimentation, critical thinking, logical thinking
6.	August	Adolescence: A Stage of Growth and Change 	21	15	-Understand the physical, emotional and social changes occurring during adolescence -Recognize the importance of nutrition, hygiene and health -Develop skills to manage emotions, build relationships and make informed decisions	-Physical changes: Puberty, Nutrition and health -Emotional changes: Emotional regulation, Self-awareness -Social changes: Relationships, Social skills	ICR, Videos	To study most common changes during growing up	Self-motivation, empathy
7.	September	Heat Transfer in Nature 	20	14	- Understand the different modes of heat transfer (conduction, convection, and radiation) - Recognize the importance of heat transfer in natural processes - Apply the concepts of heat transfer to real-life situations	-Modes of Heat Transfer: - Conduction - Convection - Radiation -Heat Transfer in Nature: - Weather and Climate - Ocean Currents - Land and Sea Breeze	ICR, Videos	To observe heat transfer in a metal strip	Creativity critical thinking Collaboration Information literacy

8.	October	Measurement of Time and Motion 	24	14	<ul style="list-style-type: none"> - Understand the concepts of time and motion - Learn to measure time and motion using various techniques - Apply the concepts of time and motion to real-life situations 	Measurement of Time: <ul style="list-style-type: none"> - Units of Time - Time Measurement Tools - Time Calculations Measurement of Motion: <ul style="list-style-type: none"> - Types of Motion - Speed and Velocity 	ICR, Plastic bottle, pendulum.	To Measure the Speed of a Moving Object.	critical thinking Problem-Solving Collaboration Creativity Information Literacy
9.	November	Life Process in Plants 	12	04	<ul style="list-style-type: none"> - To enable students to know how do plants grow. - How do plants get food for their growth? - To understand the process of photosynthesis 	<ul style="list-style-type: none"> - Define Nutrition & its importance to living organisms - Understand exchange of gases during photosynthesis - Understand transport of water & minerals in plants 	Iodine, leaves. Alcohol. Ink, limewater.	To observe effect of sunlight on plant growth. To observe food is prepared in leaves.	Experimentation critical thinking Investigation
10.	November December	Life Processes in Animals 	12 19	04 10	<ul style="list-style-type: none"> - Understand the basic life processes in animals, such as nutrition and respiration - Recognize the importance of these processes for animal survival - Apply the concepts of life processes to real-life situations 	<ul style="list-style-type: none"> - Nutrition: Types of Nutrition Digestive System in humans Digestive system in other animals - Respiration: Respiratory System in humans Gas Exchange Respiratory system in other animals 	ICR, Videos	Working model of lungs.	critical thinking Problem-Solving Collaboration Creativity Information Literacy
11.	January	Light - Shadows and Reflection 	24	20	<ul style="list-style-type: none"> - Understand the sources and properties of light, including reflection and shadow formation - Recognize the importance of light in everyday life - Apply the concepts of light to real-life situations 	<ul style="list-style-type: none"> - Shadows: Shadow Formation Types of Shadows Shadow Applications - Reflection: Reflection of Light Laws of Reflection Reflection Applications 	Lenses, mirrors (Convex, Concave) Plane mirror, Chess board, Magnifying lens, Paper, candle, ICR.	To make a simple periscope and kaleidoscope	creativity, Problem solving critical thinking
12.	February March	Earth, Moon, and Sun 	23 12	20 04	<ul style="list-style-type: none"> - Understand the structure and properties of the Earth, Moon, and Sun - Recognize the relationships between the Earth, Moon, and Sun - Apply the concepts of astronomy to real-life situations 	<ul style="list-style-type: none"> Earth: - Structure of the Earth - Earth's Atmosphere - Earth's Rotation and Revolution Moon: - Structure of the Moon - Moon's Phases - Moon's Effects on Earth Sun: - Structure of the Sun 	ICR, Videos	Create a scale model of the Earth, Moon, and Sun to demonstrate their relative sizes and distances	critical thinking Problem-Solving Collaboration Creativity Information Literacy

						- Sun's Energy - Sun's Effects on Earth Eclipse: - Solar eclipse - Lunar eclipse			
--	--	--	--	--	--	--	--	--	--

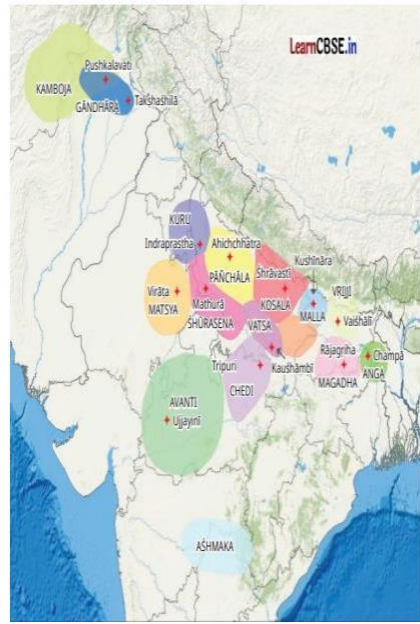
1. Mrs. Prajakta Ratnaparkhi
2. Mrs. Manisha
3. Mrs. Sunita Pawar
4. Ms. Gauri More
5. Ms. Sharvari Shah

Subject Teachers

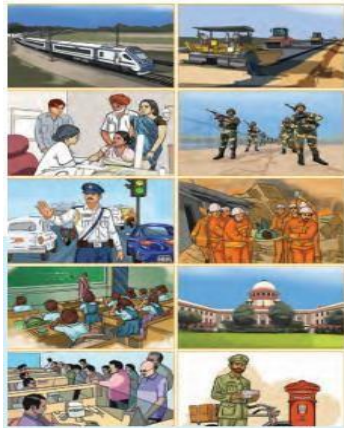
Moderator

Principal

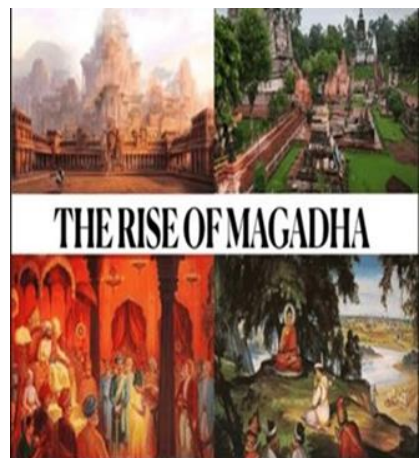
Ch. 2 New Beginnings: Cities and States



Ch.3 From the Rulers to the Ruled: Types of Governments



Ch.4 The Rise of Empire



June 19

05

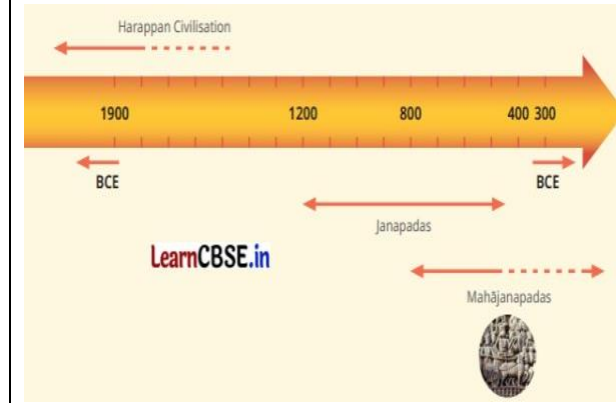
To enable the students

- Learn about Janapadas & Mahajanapadas
- Understand 2nd urbanisation
- Identify early urban centres and trade networks.
- Examine governance and settlement features of early states.

Students will be able to

- Students locate Janapadas on a map and describe their features.
- Compare rural vs urban life in ancient times.
- Explain the Second Urbanisation phase.

- Interactive method
- Discussion method
- ❖ Interactive timeline
- ❖ ancient city plan models
- ❖ archaeological findings images.



- Map work
- short answer worksheet

07

To enable students to:

- Distinguish between monarchy, oligarchy, democracy.
- Learn how power is distributed in governments.
- Understand citizen roles.

Students will be able to

- Identify and compare government types.
- Conduct classroom elections.
- Explain responsibilities of leaders.

- ICR
- Role-play cards
- government structure charts
- cartoons.

Debate (Monarchy vs Democracy)

□ government structure diagrams.



*Worksheet Activity

08

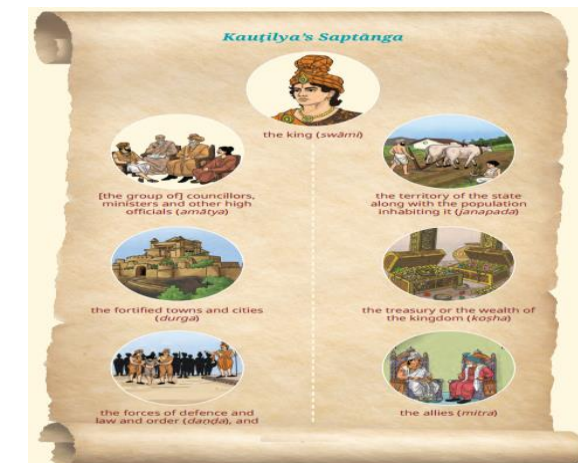
To enable the Student

- Study the Maurya Empire's administration and expansion.
- Understand role of Ashoka and Dhamma.
- Identify key cities and infrastructure in ancient empires.





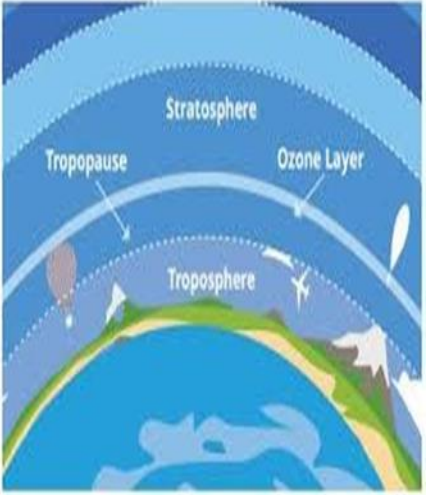
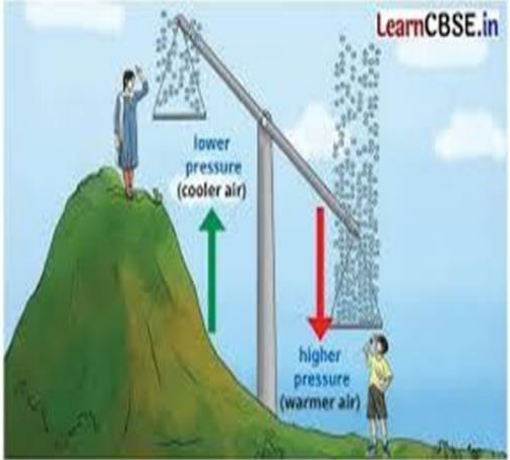
- Students will be able to
- Describe Ashoka's transformation and policies.
- Analyze the importance of Pataliputra as a capital.
- Interpret maps of Mauryan Empire expansion.


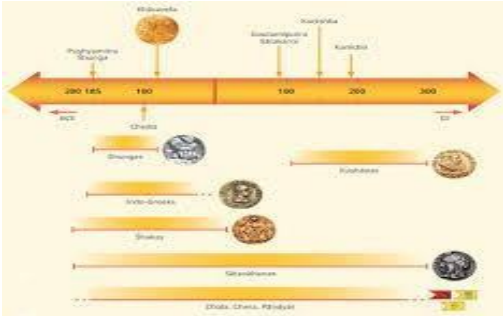
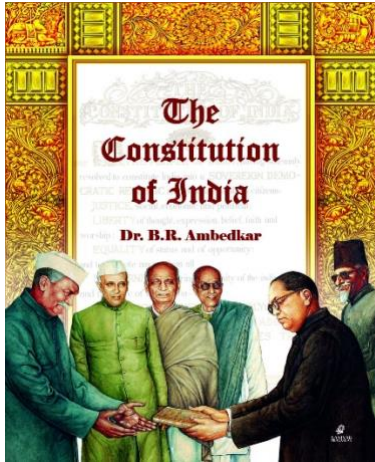
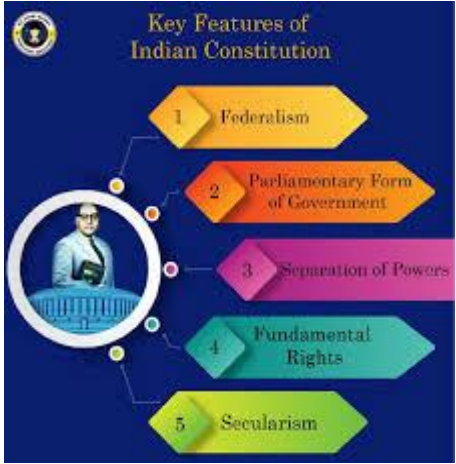
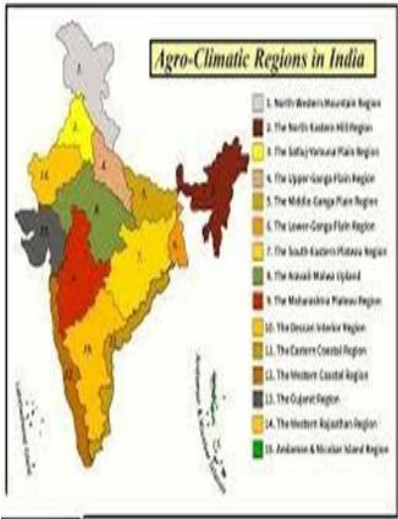
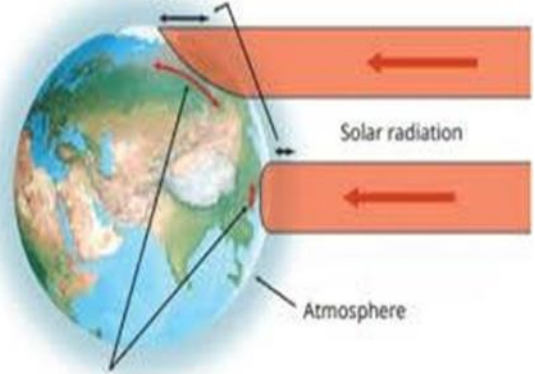
- Discussion method
- Videos on Mauryan cities
- excerpts from Ashokan edicts
- Maurya coin replicas



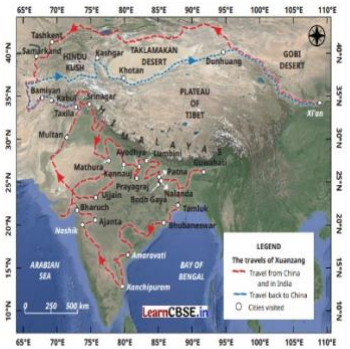
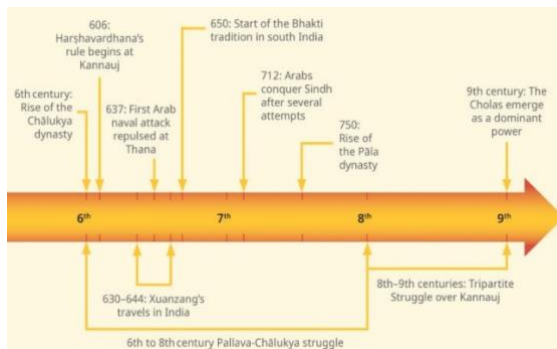
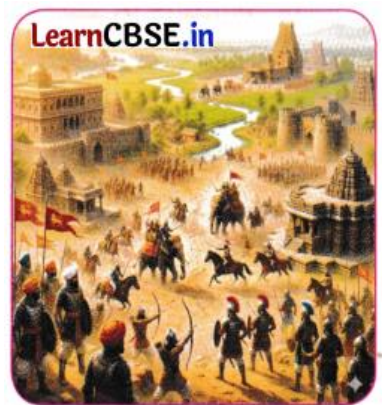
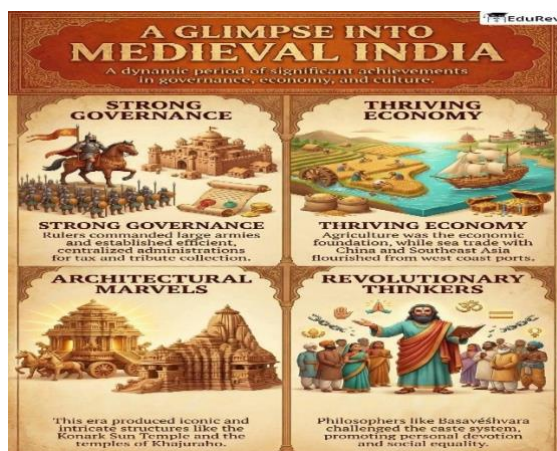
• Role play
• Creative writing


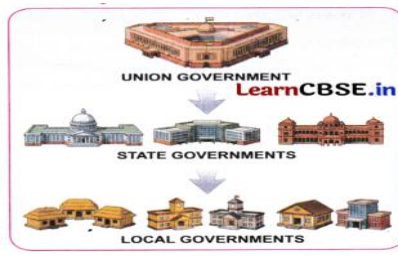


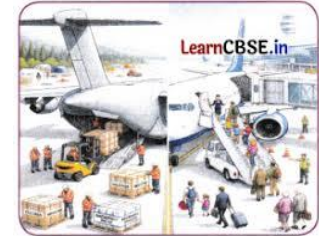
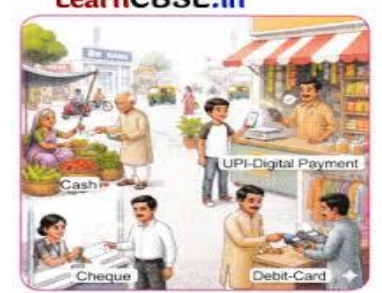
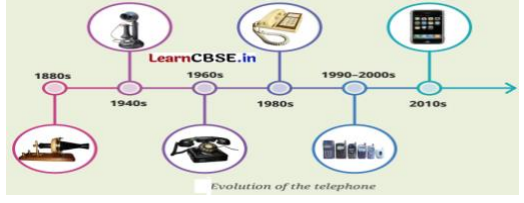
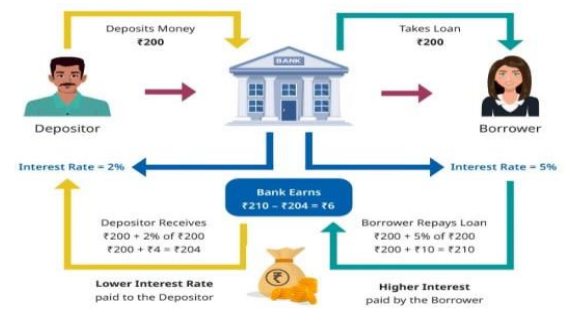


- MCQs
- Worksheet

<p>Ch. 5 How the land becomes sacred</p> 		06	<p>To enable the students</p> <ul style="list-style-type: none"> Understand the idea of sacredness and pilgrimage. Explore pan-Indian religious networks. 	<p>Students will be able to</p> <ul style="list-style-type: none"> Identify major tirthas and sacred rivers. Map pilgrimage routes. Describe diverse religious traditions. 	<ul style="list-style-type: none"> Discussion method ICR Pilgrimage videos VR tour of shrines illustrated maps. 	<ul style="list-style-type: none"> Project on a local sacred site journal entry as a pilgrim,. 	<ul style="list-style-type: none"> Quiz MCQs
<p>Ch.6 From Barter to Money</p> 		05	<ul style="list-style-type: none"> To enable the students Trace evolution of money. Understand limitations of barter. <p>Explore currency systems.</p>	<ul style="list-style-type: none"> Students will be able to Differentiate barter and monetary exchange. Explain functions of money. <p>Identify early forms of money.</p>	<p>Group discussion Role play</p> <ul style="list-style-type: none"> Ancient coins mock barter market coin timeline. 	<ul style="list-style-type: none"> Storytelling (A day in barter times) money evolution poster 	Worksheet
<p>Periodic Test 1</p> <p>Ch. 7 Understanding the Weather</p> 	July 27	09 09	<p>To enable students to:</p> <ul style="list-style-type: none"> Differentiate between weather, season, and climate. Understand India's climatic diversity and monsoon patterns. Identify the influence of geography on climate. 	<p>Students will be able to</p> <ul style="list-style-type: none"> Students explain how monsoons form and influence Indian climate. Identify six Indian seasons and their cultural relevance. Describe regional climatic variations using maps. 	<p>Group discussion</p> <ul style="list-style-type: none"> ICR Animated weather models, rainfall charts, seasonal song videos, traditional calendar (Panchang), climate maps. 	<ul style="list-style-type: none"> Venn diagram (weather vs. climate), quiz on Indian climate zones, write a weather diary for 7 days. 	<ul style="list-style-type: none"> Quiz MCQ's

<p>Ch 8: Age of Reorganisation</p> 		<p>09</p>	<p>To enable the students to</p> <ul style="list-style-type: none"> Explore post-Mauryan political shifts. Understand cultural confluence and foreign influences. 	<p>Students will be able to understand</p> <ul style="list-style-type: none"> Identify dynasties like Śhunga, Sātavāhana, Kuṣhāna. Explain the role of matrimonial alliances. Analyze impact on art and architecture. 	<p>Discussion method ICR</p> <ul style="list-style-type: none"> Art samples (e.g., Mathura school), dynastic maps, drama scripts. 	<ul style="list-style-type: none"> Create a historical timeline, compare two dynasties, skits on court life. 	<p>Worksheet</p>
<p>Ch 9: Constitution of India: An Introduction</p> 	<p>August 21</p>	<p>05</p>	<p>To enable the students to</p> <ul style="list-style-type: none"> Understand Constitution's creation and purpose. Recognize fundamental rights and duties. Explore Indian democracy's foundation. 	<p>Students will be able to understand</p> <ul style="list-style-type: none"> Identify parts of the Constitution. Explain meaning of Preamble. <p>Describe duties of citizens.</p>	<ul style="list-style-type: none"> Preamble display, mock Parliament, <p>constitution flashcards.</p>	 <ul style="list-style-type: none"> Quiz Worksheet 	
<p>Ch10: Climates of India</p> 		<p>08</p>	<p>To enable students to</p> <ul style="list-style-type: none"> Differentiate between weather, season, and climate. Understand India's climatic diversity and monsoon patterns. <p>Identify the influence of geography on climate.</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> Students explain how monsoons form and influence Indian climate. Identify six Indian seasons and their cultural relevance. <p>Describe regional climatic variations using maps.</p>	<ul style="list-style-type: none"> Discussion method ICR Animated weather models, rainfall charts, seasonal song videos, <p>traditional calendar (Panchang), climate maps</p>	<ul style="list-style-type: none"> Venn diagram (weather vs. climate), quiz on Indian climate zones, write a weather diary for 7 days. 	<p>•MCQs & short answers</p>

<p>Ch 2: India and Her Neighbours</p> 		12	<ul style="list-style-type: none"> To identify neighbouring countries To understand India's relations 	<ul style="list-style-type: none"> Students locate neighbouring countries on map Describe cultural and economic relations 	<ul style="list-style-type: none"> Map demonstration Visual learning (atlas) 	<ul style="list-style-type: none"> Map marking activity Flag identification game  <p>A massive sculpture at Bangkok airport</p>	<ul style="list-style-type: none"> Map test Oral questioning
<p>Ch 3: Empires and Kingdoms</p> 	November 12	12	<ul style="list-style-type: none"> To understand early medieval rulers To learn administrative systems 	<ul style="list-style-type: none"> Students describe major dynasties Explain governance and administration 	<ul style="list-style-type: none"> Storytelling method Timeline explanation 	<ul style="list-style-type: none"> Timeline making Role play (king/minister) 	<ul style="list-style-type: none"> Short/long answers Timeline-based questions
<p>Chapter 4: Turning Tides</p> 	December 19	11	<ul style="list-style-type: none"> To understand political changes To analyse causes of transitions 	<ul style="list-style-type: none"> Students explain reasons for rise/fall of kingdoms Analyse historical changes 	<ul style="list-style-type: none"> Cause-effect analysis Discussion method 	<ul style="list-style-type: none"> Cause-effect chart Debate on historical event 	<ul style="list-style-type: none"> Assertion-reason questions Case-based questions
<p>Periodic Test 2</p>		08	<p>Revision + Exam</p>				

<p>Chapter 5: India – A Home to Many</p>  <p><i>Fig. 5.4. A Jewish family in Mumbai, late 19th century.</i></p> <p>Ch 6: The State, the Government and You</p> 	<p>January 24</p>	<p>12</p>	<ul style="list-style-type: none"> To understand diversity in India To appreciate cultural unity 	<ul style="list-style-type: none"> Students explain cultural diversity Show respect for different traditions 	<ul style="list-style-type: none"> Group discussion Visual/audio examples 	<ul style="list-style-type: none"> Cultural collage Festival chart  <ul style="list-style-type: none"> Mock election Classroom constitution 	<ul style="list-style-type: none"> Project work Reflection writing
<p>Chapter 7: Infrastructure: Engine of India's Development</p>  <p>Chapter 8: Banks and the Magic of Finance</p>  <p>RIVISION</p>	<p>February 23</p>	<p>11</p>	<ul style="list-style-type: none"> To understand infrastructure types To know its importance 	<ul style="list-style-type: none"> Students identify infrastructure types Explain role in development 	<ul style="list-style-type: none"> Real-life examples Field observation 	<ul style="list-style-type: none"> Local area survey Poster making  <ul style="list-style-type: none"> Bank visit / virtual tour Create a savings plan 	<ul style="list-style-type: none"> Survey report Short answers
	<p>March 12</p>		<p>The Second Terminal Exam</p>				<ul style="list-style-type: none"> Worksheet Case study questions

Subject Teachers :

- VII A Amarjyoti
- VII B Amarjyoti
- VII C Pranita B
- VII D Prerna D

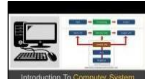
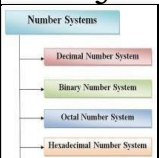

Moderator

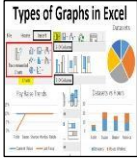
Principal

**VIDYA PRATISHTHAN'S
DR. CYRUS POONAWALLA SCHOOL (CBSE)
ANNUAL CURRICULUM PLANNING 2026 -27**




SUB- COMPUTER STUDIES



STD.-VII

Sr. No.	Content /Topic	Month & No. of Working	No. of Days for Teaching	Learning Objectives	Expected Learning Outcome	Activity/Practical	Teaching Aids	Assessment
	Bridge Course (The Computer System and Windows 10) 	April 24	6	To enable the students to study hardware, software, storage devices and functioning of an operating system, Windows 10	To develop student's ability to understand the functioning of the computer system and also study the windows interface. 21st Century Skills Technology Literacy	Make a list of Input, output and storage devices in your notebook.	Demonstration will be shown on the ICR.	Practical based worksheet.
IT Skills								
	Number Systems 	June 19	6	To enable the students to study about the 4 Number Systems. Conversion in Number Systems.	To develop student's ability to understand the process of digital encoding of data. 21st Century Skills Technology Literacy	Student will add and subtract two binary numbers. Students will convert numbers from decimal to binary and binary to decimal.	Demonstration will be shown on the ICR.	Practical based worksheet.
2	Functions in Excel 	July 27	8	To Enable the students to study different functions in MS Excel	To develop student's ability to understand the spreadsheet concept and explore the Microsoft Office Excel environment. 21st Century Skills Technology Literacy	Create the table of Temperature in an Excel spreadsheet and use formulas to find the missing Temperature entries	Demonstration will be shown on the ICR.	Practical based worksheet and lab assignments.

3	More on MS Excel 	August 21	8	To Enable the students to study how to Sorting and Filtering Data, Conditional Formatting. The components of charts, creating a chart, chart elements and modification of charts	To develop student's ability to understand how to create and edit charts and graphics to present data more effectively. 21st Century Skills Technology Literacy	Open a worksheet in Excel and create sheet. Create the chart and apply formatting on different elements of chart.	Demonstration will be shown on the ICR.	Practical based worksheet and lab assignments
---	---	-----------	---	--	--	---	---	---

❖ **Coding Skills**

4	Introduction to CSS 	September 23 October 24	8	To enable the students to study different methods of applying CSS, background properties, Text, Font, Margin and Border properties.	To develop student's ability to create web pages for websites. 21st Century Skills Technology Literacy	Display the marks of five subjects in form of a table. Add styles and different features to make it look attractive. Activity on page no 108	Demonstration will be shown on the ICR.	Practical based worksheet and lab assignments
5	Introduction to Python 	November 12	6	To enable the students to study about the Introduction to Programming, Interpreter and Compiler, Modes of Python, Keywords,	To develop student's ability to understand how Python is useful language for developer. 21st Century Skills Technology Literacy	Write a Program to find out the product of three numbers a, b and c where a=60, b=80 and c=100.	Demonstration will be shown on the ICR.	Practical based worksheet and lab assignments
6	More on Python 	December 19	6	To enable the students to study about the Input () Function, Operator and its Types, Operator Precedence, BODMAS and PEDMAS	To develop student's ability to learn how to identify Python object types, write functions and pass arguments in Python. 21st Century Skills Technology Literacy	Write a program to input three numbers. Find the largest of them.	Demonstration will be shown on the ICR.	Practical based worksheet and lab assignments

❖ AI and Technological Advancements								
7	Artificial Intelligence 	January 24	6	To enable students to recognize ethical issues surrounding AI, including privacy and bias.	Students will identify at least two ethical concerns and propose solutions.	AI Around Me" – Group activity to identify and present daily AI applications (e.g., voice assistants, recommendation systems).	Demonstration will be shown on the ICR.	Practical based worksheet and lab assignments
❖ Machine Learning								
Digital Literacy								
8	Internet Safety 	February 23 March 12	8	To enable the students to study about Data Privacy, Responsible Online Behaviors Online Banking Safety Measures, Safe Social Media Practices and Email Courtesy.	To develop student's dangers and steps they can take to protect themselves. 21st Century Skills Technology Literacy, Social Skills and Media Literacy	Create a chart on various Cybercrimes happening in the society and measures to prevent.	Demonstration will be shown on the ICR	Practical based worksheet and lab assignments

Subject Teacher
Mrs. Archana W.
Mrs. Rutuja N.
Ms. Anuja R.

Moderator

Principal

Vidya Pratishthan's
Dr. Cyrus Poonawalla School, CBSE Baramati
Annual Curriculum Planning
Subject: Physical Education
Class - 7th, 2026-27

Sr No	Month	Topic	Objective	Teaching Method	Teaching Material	Learning Outcomes
1	April	The ball possess	Develop passing & receiving skills	Demonstration method	* Balls, cones, markers, whistle	Perform accurate passing & receiving
		Badminton	To develop basic skills of Badminton	Demonstration method	* Rackets, net, shuttle cock	Will participate actively & display sportsmanship
2	June	Dhaan Ki Bori	Develop balance and coordination	Explanation method	* Sacks, whistle, cones, ground	Improve coordination and leg strength
		Stand up speak	Develop confidence in speaking in front of others	Demonstration method	* Topic cards, Black board, stopwatch	Students will speak confidently in front of others
3	July	Skipping Race	Improve cardiovascular endurance & stamina	Demonstration method	* Skipping Rope, open ground	Will perform skipping with proper technique
		Asans	Improve flexibility & body posture	Demonstration method	* Yoga mats, open space, whistle	Will perform basic asans correctly
4	August	Atua-Patua	To develop speed, agility & quick reflexes	Command method	* Markers, cones, ground, whistle	Improved speed, agility & coordination
		Parade	Develop discipline and obedience	Drill method	* Playground, whistle, drum, Uniform	Follow commands accurately & promptly
5	September	Caterpillar Game	To develop teamwork & cooperation	Explanation method	* Playground, cones, whistle	Will work effectively in teams
		Ghoopdiche Sha	To develop speed and agility	Activity method	* Playground, whistle, cones/markers	Move in coordination as a team
6	October	Footwork Skills	Improve speed, agility & coordination	Demonstration method	* Cones/markers, agility ladder	Perform basic footwork movements correctly
		Height & Weight	—	—	—	—
		Exam of P.E.	—	—	—	—

7	November	Kicking the ball with the inside of the foot (Football)	To develop accuracy in passing the ball	Demonstration method	* Football, cones, play ground, whistle	Participate actively in drill and small games
		Gidhoda/Guddha	To develop agility, speed and quick reflexes	Activity-Based method	* Playground, cones, whistle	Will demonstrate improved speed and agility
8	December	Kabaddi	To develop strength, speed and endurance	Demonstration method	* Kabaddi court, whistle	Will understand and follow rules of Kabaddi
		Food for Health	Understand the importance of healthy eating	Discussion method	* Charts, pictures, flashcards	Will understand the importance of nutritious food
9	January	Yoga	Improve physical fitness, flexibility & posture	Imitation method	* Yoga mats, whistle	Will perform basic yoga asans correctly
		Set it up, Knock	To develop hand-eye coordination	Group method	* Soft ball or throw ball, cones, whistle	Will accurately aim and hit targets
10	February	Pranayama	To develop proper breathing techniques	Demonstration method	* Yoga mats, whistle	Will perform basic pranayama techniques correctly
		Kho-Kho	To develop speed, agility and quick reflexes	Drill method	* Kho-Kho ground, poles, whistle	Will understand and follow rules of Kho-Kho
11	March	Height & Weight	—	—	—	—
		Exam of P.E.	Exam of P.E.	Exam of P.E.	Exam of P.E.	Exam of P.E.

VIDYA PRATISHTHAN'S DR. CYRUS POONAWALLA SCHOOL (CBSE) BARAMATI

SUB - Drawing

ANNUAL CURRICULUM PLANNING 2026 – 27

STD - VII

Sr. No.	Topic	Month & Working days	No. of days for Teaching	Learning Objectives	Expected Learning outcomes	Activity	Teaching Aids	Assessment
1.	Drawing *Elements of art- Types of lines- Types of Colour- Primary,	April (24)	02	<ul style="list-style-type: none"> Students need to know the different type of lines in real life things as well as in different drawings. Students need to know the Information about Primary, Secondary, warm and cool colours. 	<ul style="list-style-type: none"> Students will recognize and draw different type of lines. Students will identify the Primary, Secondary, warm and cool colours. 	<ul style="list-style-type: none"> Draw a design with different type of lines and colour it on a paper (in the drawing book). Draw a colour wheel for Primary, Secondary, Warm and Cool colours. 	<ul style="list-style-type: none"> Demonstration will be shown with chalks on the board. Teacher may show a demonstration in student's book with a pencil and colours. 	<ul style="list-style-type: none"> Complete the Assessment.
2.	secondary, warm, and cool colours		02					
3.	Types of shapes [Activity-1]	June (19)	02	<ul style="list-style-type: none"> Students need to know the different type of shapes in real life as well as in different drawings. Students need to know how to draw Human body parts. 	<ul style="list-style-type: none"> Students will try to draw geometrical, natural and manmade shapes. They will recognize all type of shapes. Students will understand how to do draw Human body parts. 	<ul style="list-style-type: none"> Draw the different type of shapes on the paper (in the drawing book). Draw the human body parts on the paper (in the drawing book). 	<ul style="list-style-type: none"> Demonstration will be shown with chalks on the board. Teacher may show a demonstration in student's book with a pencil and colours. 	<ul style="list-style-type: none"> Complete the Assessment.
4.	Study of Human body part		01					
5.	Table Lamp design with Decorative forms with warm colour scheme	July (27)	04	<ul style="list-style-type: none"> Students need to know how to draw a Table lamp Design with decorative forms. Students need to know the warm colour scheme. 	<ul style="list-style-type: none"> Students will try to draw a Table lamp design with decorative forms. They will colour the Design in warm colour scheme. 	<ul style="list-style-type: none"> Draw the Table lamp Design on the paper (in the drawing book) with the help of decorative shapes and colour it in warm colour scheme. 	<ul style="list-style-type: none"> Demonstration will be shown with chalks on the board. Teacher may show a demonstration in student's book with a pencil and colours. 	<ul style="list-style-type: none"> Complete the Assessment.
6.	Sculpture art [Activity-2]	August (21)	02	<ul style="list-style-type: none"> Students need to know how to create a sculpture by using clay/ soil (stepwise). Students need to know how to form the different shapes and which instruments can be used while creating any sculpture. 	<ul style="list-style-type: none"> Students will study how to make sculptures by using clay/ soil by forming different shapes. 	<ul style="list-style-type: none"> Create a sculpture by using clay/ soil. 	<ul style="list-style-type: none"> Demonstration of creating a sculpture will be shown personally by a teacher. 	<ul style="list-style-type: none"> Complete the activity and submit.
			01					

7.	Lettering			<ul style="list-style-type: none"> • They will get basic information about creating a sculpture in other mediums such as, wood, stone, etc. • Students need to know how to draw different words in different lettering styles. 	❖ Students will study to draw and colour different words in different lettering styles.	❖ Draw and colour different words in different lettering styles.	<ul style="list-style-type: none"> ❖ Demonstration will be shown with chalks on the board. ❖ Teacher may show a demonstration in student's book with a pencil and colours. 	
8.	Memory –My Favorite game	October (24)	02	<ul style="list-style-type: none"> • Students need to know how to draw a favorite game picture by memorizing it. 	❖ Students will try to draw a picture of their favorite game by memorizing it.	❖ Draw and colour 'My favorite game' picture by memorizing it.	<ul style="list-style-type: none"> ❖ Demonstration will be shown with chalks on the board, step by step. 	❖ Complete the Assessment.
9.	Landscape [Activity-3]		02	<ul style="list-style-type: none"> • Students need to observe and know how to draw and colour a nature drawing. 	❖ Students will try to draw and colour a Landscape.	❖ Draw and colour a landscape.	<ul style="list-style-type: none"> ❖ Teacher may show a demonstration in student's book with a pencil and colours. 	
10.	Still Life	November (12)	02	<ul style="list-style-type: none"> • Students need to develop their observation to draw any object in different angles. • Students need to know the different colour tones as per the objects placed in front of them. They need to feel the texture of each element and it should be coloured in the same way. • Students need to learn the proportion of each object in comparison with the other objects placed. 	❖ Students will try to draw all the objects placed in front of them in different angles, with proper proportion and they will colour it as displayed.	❖ Draw and colour the different objects placed in front of you.	<ul style="list-style-type: none"> ❖ Demonstration will be shown with chalks on the board, step by step. ❖ Teacher may show a demonstration in student's book with a pencil and colours. 	❖ Complete the Assessment.
11.	Design – The corner of sari	December (19)	03	<ul style="list-style-type: none"> • Students need to know how to draw and colour a corner of sari Design. 	❖ Students will try to draw and colour a corner of sari design.	❖ Draw and colour the corner of sari Design on the paper (in the drawing book).	<ul style="list-style-type: none"> ❖ Demonstration will be shown with chalks on the board. ❖ Teacher may show a demonstration in student's book with a pencil and colours. 	❖ Complete the Assessment.
12.	Fish Tank Underwater Scenery	January (24)	04	<ul style="list-style-type: none"> • Students need to know how to draw a fish tank with different type of fish. 	❖ Students will try to draw and colour a fish tank.	❖ Draw and colour the Fish tank on the paper. (in the drawing book)	<ul style="list-style-type: none"> ❖ Demonstration will be shown with chalks on the board. ❖ Teacher may show a demonstration in student's book with a pencil and colours. 	❖ Complete the Assessment.

Subject Teacher

Moderator

Principal