

**ATOMIC ENERGY EDUCATION SOCIETY**

**Anushakti Nagar, Mumbai 400094**

**SUMMARY OF THE SYLLABUS FOR BALVATIKA – 1 (2026-27)**

S.NO	MONTHS	ENGLISH	MATHEMATICS	GENERAL KNOWLEDGE
1	APRIL-JUNE	<p><b><u>1.Readiness Activities:</u></b> for developing and strengthening :</p> <ul style="list-style-type: none"><li>-gross and fine motor skills</li><li>- eye hand coordination</li><li>- aesthetic sense etc.</li></ul> <p>These contribute in the holistic development of children</p> <p><b><u>2.ConversationSkills :</u></b>Developing, Listening and Speaking skills for vocabulary and language development</p> <p>General conversation on familiar topics like</p> <ul style="list-style-type: none"><li>- things we use in our daily life</li><li>- things children bring to school</li><li>-things children see in classroom</li><li>-things children see in nature, park, play areas etc.</li></ul> <p>Rhymes, Stories and Picture Talk</p>	<p><b><u>1. Maths skills :</u></b> Math activities to develop and strengthen the skills of :</p> <ul style="list-style-type: none"><li>- activities involving one to one correspondence</li><li>-matching</li><li>- sorting activities</li><li>-sequencing</li><li>- problem solving activities</li><li>- activities to form patterns</li><li>- observation</li><li>- logical thinking</li><li>- reasoning</li><li>- ordering and seriation activities</li></ul> <p><b><u>2.Numbers :</u></b>The number 1</p> <ul style="list-style-type: none"><li>-To understand that the number 1 represents one object of any kind</li></ul>	<p><b><u>1. Topics for Conversation :</u></b></p> <ul style="list-style-type: none"><li>- Summer Season</li><li>-Things we use in summer</li><li>- Food we get to eat in summer</li></ul> <p><b>Concept-</b> Hot and Cold</p>
2	JULY	<p><b><u>1.Conversation Topic :</u></b> Myself Conversation about self, birthday likes and dislikes, toys, etc.</p> <p><b><u>2.Capital Letters:</u></b> Oral introduction of Aa to Dd with their phonic</p>	<p><b><u>1.Math activities to be continued</u></b></p> <p><b><u>2. Pre-maths concept:</u></b> Big and small To enable children to observe, compare, understand and differentiate between big and small objects</p>	<p><b><u>1.Conversation Topics:</u></b> Rainy Season</p> <ul style="list-style-type: none"><li>-Things we need in Rainy Season</li><li>- Food we get to eat in Rainy Season</li><li>- Creatures seen in Rainy Season</li></ul>

		<p>sounds</p> <p>Rhymes, Stories and Picture Talk</p>	<p><b>3. Numbers :</b> The number 2 -To understand that the number 2 represents two objects of any kind</p> <p>- Oral counting of numbers 1 to 5 (to recognize and say the numbers)</p>	<p><b>Concept-</b> Wet and dry</p> <p>-Parts of the body (Identifying the different parts of the body)</p>
3	<b>AUGUST</b>	<p><b>1.Conversation Topic:</b> My Family Conversation about family members, their names, their role in the family, work they do etc.</p> <p><b>2.Capital Letters:</b> Oral introduction of Ee to Hh with their phonic sounds</p> <p>Rhymes, Stories and Picture Talk</p>	<p><b>1.Pre-maths concept:</b> Tall and Short To enable children to observe, compare, understand and differentiate between tall and short objects</p> <p><b>2. Numbers :</b> The number 3 -To understand that the number 3 represents three objects of any kind</p> <p>- Oral counting of numbers 1 to 10 ( to recognize and say the numbers)</p>	<p><b>1.Conversation Topics:</b> Good Habits &amp; Cleanliness</p> <p><b>2.Colours:</b> - Primary Colour-Red</p> <p><b>3.Festivals:</b> -Independence Day -Rakhi</p>
4	<b>SEPTEMBER</b>	<p><b>1.Conversation Topic:</b> My School Conversation about the name of the school, location, play area in the school etc.</p> <p><b>2.Capital Letters:</b> Oral introduction of li to Ll with their phonic sounds</p> <p>Rhymes, Stories and Picture Talk</p>	<p><b>1. Numbers :</b> The number 4 -To understand that the number 4 represents four objects of any kind</p> <p>- Oral counting of numbers 1 to 10 ( to recognize and say the numbers)</p> <p><b>2.Introduction of the shape- Circle</b> ○</p>	<p><b>1.Conversation Topics:</b> - Days of the week Learning the names of the days of a week</p> <p><b>2.Colours:</b> - Primary Colour-Yellow</p> <p><b>3.Festivals:</b> -Ganesh Chaturthi</p>
5	<b>OCTOBER</b>	<p><b>1.Conversation Topic:</b> My Home Conversation about different rooms in a house and the purpose for which they are used</p>	<p><b>1. Numbers :</b> The number 5 -To understand that the number 5 represents five objects of any kind</p>	<p><b>1.Conversation Topics:</b> - Months of a year</p> <p><b>2.Colours:</b></p>

		<p><b>2. Pattern – Writing</b>          -Vertical lines                  -Horizontal lines - - - -</p> <p><b>3. Capital Letters:</b>          Oral introduction of Mm to Pp with their phonic sounds</p> <p>Rhymes, Stories and Picture Talk</p>	<p>- Oral counting of numbers 1 to 15 ( to recognize and say the numbers)</p> <p>2. Introduction of the shape- Square □</p>	<p>- Primary Colour-Blue</p> <p><b>3. Festivals:</b> Dussehra</p>
6	NOVEMBER	<p><b>1. Pattern – Writing</b>          -Slanting lines /// \\\          -Up Down and Down Up lines lines  <b>MM WW</b>          -Zig zag lines ZZZZ</p> <p><b>2. Capital Letters:</b>          Oral introduction of Qq to Tt with their phonic sounds</p> <p>Rhymes, Stories and Picture Talk</p>	<p><b>1. Numbers :</b> The number 6          -To understand that the number 6 represents six objects of any kind</p> <p>- Oral counting of numbers 1 to 20 ( to recognize and say the numbers)</p> <p>2. Introduction of the shape- Triangle △</p>	<p><b>1. Conversation Topics:</b>          Fruits          -To identify and say the names of few common fruits</p> <p><b>2. Festivals:</b> Diwali</p>
7	DECEMBER	<p><b>1. Pattern – Writing</b>          -Curves C C C, O O</p> <p><b>2. Capital Letters:</b>          Oral introduction of Uu to Xx with their phonic sounds</p> <p>Rhymes, Stories and Picture Talk</p>	<p><b>1. Numbers :</b> The number 7          -To understand that the number 7 represents seven objects of any kind</p> <p>- Oral counting of numbers 1 to 20</p> <p>2. Introduction of shapes- Rectangle □</p>	<p><b>1. Conversation Topics:</b>  <b>Vegetables</b>          -To identify and say the names of few common vegetables  <b>Winter Season</b>          -Weather Conditions          -Things we use in winter</p> <p><b>2. Festivals:</b></p>

				-Christmas
8	JANUARY	<p><b>1. Pattern – Writing</b> -Curves UUU , n n</p> <p><b>2. Capital Letters:</b> Oral introduction of Yy and Zz with their phonic sounds Rhymes, Stories and Picture Talk</p>	<p><b>1. Pre-maths concept:</b> More and Less To enable children to observe, understand and compare different quantities of things</p> <p><b>2. Numbers :</b> The number 8 -To understand that the number 8 represents eight objects of any kind  - Oral counting of numbers 1 to 20</p>	<p><b>1. Conversation Topics:</b> Animals -To identify and say the names of few common animals</p> <p><b>2. Festivals:</b> -Pongal -Republic Day</p>
9	FEBRUARY	<p><b>1. Pattern – Writing</b> -Curves S,O -Mixed Patterns</p> <p><b>2. Capital Letters:</b> Oral recapitulation of Aa and Zz  Rhymes, Stories and Picture Talk</p>	<p><b>1. Pre-maths concept:</b> -Same Different To enable children to observe, understand and compare differences -Full Empty To enable children to understand the concept</p> <p><b>2. Numbers :</b> The number 9 -To understand that the number 9 represents nine objects of any kind  - Oral counting of numbers 1 to 20</p>	<p><b>1. Conversation Topics:</b> Birds -to identify and say the names of few common birds</p>
10	MARCH	<p><b>1. Capital Letters:</b> Oral recapitulation of Aa and Zz  Rhymes, Stories and Picture Talk</p>	<p><b>1. Numbers :</b> The number 10 -To understand that the number 10 represents ten objects of any kind  - Oral recapitulation of numbers 1 to 20</p>	<p>Revision of all topics done</p> <p><b>1. Festivals:</b> -EID -Holi  Revision</p>

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## SUMMARY OF THE SYLLABUS FOR BALVATIKA – 2 (2026-27)

S.NO	MONTHS	ENGLISH	MATHEMATICS	GENERAL KNOWLEDGE	HINDI
1	APRIL-JUNE	<p>1. Revision of all strokes learnt in Balvatika 1 Eg: I – C / \ U etc.</p> <p>2. Pattern formation using strokes</p> <p>3. <b>Capital letters</b> : To be written in Red and Blue Line with Gap Books</p> <p>APRIL - L, T, I, E, F, H</p> <p>JUNE – A, V, W</p> <p>Phonic drill</p> <p>4.General Conversation/ Picture talk: Myself</p> <p>5.Reading Comprehension</p> <p>Rhymes, Stories, Songs and Games</p>	<p>1. Revision of Pre math Concepts - Big and small -Tall and short -More and less</p> <p>Introduction of Same and different</p> <p>2. Shape – O circle</p> <p>3. Introduction of concept : - Zero/ Nil/ Nothing</p> <p>4.Written :- Numbers 1 – 5</p> <p>5. Number Recognition 1- 20 (Oral counting)</p>	<p>1. My Body Parts - Identifying the body parts - Sense organs</p> <p>2. Colours (primary) Red, Yellow and Blue</p> <p>3. Season – Summer: Revision of concepts learnt in Balvatika I -Things we use in summer to feel better - Enlisting the food items that we enjoy eating in summer</p> <p>4. Concept – Hot and cold</p>	<p>1.Introduction of स्वर - अ से अं (Orally)</p> <p>-In June: Written :- अ से ई</p>
2	JULY	<p>1. <b>Capital letters</b> : To be written in Red and Blue Line with Gap Books - N, M, K, X, Y, Z - P, B, R, D</p> <p>Phonic drill</p> <p>2.General Conversation/ Picture talk: My Family</p> <p>3.Reading Comprehension</p>	<p>1. Pre math Concepts - Heavy and Light</p> <p>2. Shape – Square</p> <p>3. Written :- Numbers 6–10</p> <p>4. Number Recognition 1- 30 (Oral counting)</p>	<p>1. Season – Rainy season</p> <p>2. Concept – Wet and dry - Origami – Boat</p> <p>3. Secondary Colours - Orange</p> <p>4. Good habits / Good manners</p>	<p>1. उ से अं : Written</p> <p>2. स्वर अ से अं : Written</p>

		Rhymes, Stories, Songs and Games			
3	<b>AUGUST</b>	<p><b>1. Capital letters</b> : To be written in Red and Blue Line with Gap Books</p> <p>- C, O, Q, S, G, J and U</p> <p>Phonic drill</p> <p>2.General Conversation/ Picture talk: My Friends and Birthday</p> <p>3.Reading Comprehension</p> <p>Rhymes, Stories, Songs and Games</p>	<p>1. Pre math Concepts - Full and empty</p> <p>2. Shape – Triangle</p> <p>3. Written :- Numbers 11–20</p> <p>4. Number Recognition 1- 40 (Oral counting)</p>	<p>1. Days of the week Months in a year</p> <p>2. Secondary Colours - Purple</p> <p>3. Festival - EID -Independence Day - Raksha Bandhan</p>	<p>1. व्यंजन :- क,ख,ग,घ (Oral &amp;Written)</p>
4	<b>SEPTEMBER</b>	<p><b>1.Alphabet ( Capital letters)</b> : To be written in Red and Blue Line with Gap Books A TO Z</p> <p><b>2. Small letters</b> : To be written in Red and Blue Line with Gap Books</p> <p>- a to h</p> <p>Phonic drill</p> <p>3.General Conversation/ Picture talk: House and rooms in a house</p> <p>4.Reading Comprehension</p> <p>Rhymes, Stories, Songs and Games</p>	<p>1. Pre math Concepts - In and out</p> <p>2. Shape – Rectangle</p> <p>3. Written :- Numbers 21–30</p> <p>4. Number Recognition 1- 50 (Oral counting)</p>	<p>1. Fruits Vegetables</p> <p>2. Good eating habits</p> <p>3. Secondary Colours - Green</p> <p>4. Festival - Ganesh Chathurti</p>	<p>1. व्यंजन :- च,छ,ज,झ ट,ठ,ड,ढ,ण (Oral &amp;Written)</p>
5	<b>OCTOBER</b>	<p><b>1. Small letters</b> : To be written in Red and Blue Line with Gap Books</p> <p>- i to p</p>	<p>1. Pre math Concepts - Thick and thin</p> <p>2. Shape – Oval</p>	<p>1. Animals - Domestic animals - Wild animals</p>	<p>1. व्यंजन :- त,थ,द,ध,न (Oral &amp;Written)</p>

		<p>Phonic drill</p> <p>2.General Conversation/ Picture talk: My School</p> <p>3.Reading Comprehension</p> <p>Rhymes, Stories, Songs and Games</p>	<p>3. Written :- Numbers 31–40</p> <p>4. Number Recognition 1- 60 (Oral counting)</p> <p>5. Number names - one and two</p>	<p>2. Colours - Black</p> <p>3. Festival - Dusshera</p>	
6	NOVEMBER	<p><b>1. Small letters</b> : To be written in Red and Blue Line with Gap Books</p> <p>-q to z</p> <p>Phonic drill</p> <p>2.General Conversation/ Picture talk : A Train/ Bus Journey</p> <p>3.Reading Comprehension</p> <p>Rhymes, Stories, Songs and Games</p>	<p>1. Shape – Semi circle</p> <p>2. Written :- Numbers 41–50</p> <p>3. Number Recognition 1- 70 (Oral counting)</p> <p>4. Number names - three, four and five</p>	<p>1. Means of transport - Traffic signal</p> <p>2. Concept - fast and slow</p> <p>3. Colours - White</p> <p>4. Festival - Childrens' Day - Diwali</p>	<p>1. व्यंजन :- प,फ,ब,भ,म (Oral &amp;Written)</p>
7	DECEMBER	<p><b>1. Alphabet (Small letters)</b> : To be written in Red and Blue Line with Gap Books a to z</p> <p>-Phonic drill</p> <p>2.General Conversation/ Picture talk: My Teacher</p> <p>3.Reading Comprehension</p> <p>Rhymes, Stories, Songs and Games</p>	<p>1. Counting Backwards – 10 to 1 (orally)</p> <p>2. Written :- Numbers 1–50</p> <p>3. Number Recognition 1- 80 (Oral counting)</p> <p>4. Number names - six, seven and eight</p>	<p>1. Community Helpers</p> <p>2. Colours - Pink</p> <p>3. Festival - Christmas</p>	<p>1. व्यंजन :- य,र,ल,व श,ष,स,ह (Oral &amp;Written)</p>
8	JANUARY	<p><b>1. Alphabet</b> : To be written in Red and</p>	<p>1. Counting Backwards – 10 to 1 (Written)</p>	<p>1. Birds</p>	

		<p>Blue Line with Gap Books</p> <p>-A to Z -a to z -Phonic drill</p> <p>2.General Conversation/ Picture talk: Park/ Garden 3.Reading Comprehension</p> <p>Rhymes, Stories, Songs and Games</p>	<p>2. Written :- Numbers 1–50</p> <p>3. Number Recognition 1- 90 (Oral counting)</p> <p>4. Number names - nine and ten</p>	<p>2. Colours - Brown</p> <p>3. Festival - Pongal -Republic Day</p>	<p>1.वणमाला : Written</p> <p>2.Introduction of बिना मात्रा वाले दो और तीन के अक्षर शब्द</p>
9	FEBRUARY	<p>1. <b>Alphabet</b> : To be written in Red and Blue Line with Gap Books</p> <p>Aa to Zz Phonic drill</p> <p>2.General Conversation/ Picture talk: A Birthday party</p> <p>3.Reading Comprehension</p> <p>Rhymes, Stories, Songs and Games</p>	<p>1. Written :- Numbers 1–50</p> <p>2. Number Recognition 1- 100 (Oral counting)</p> <p>3. Number names (Revision) - One to Ten</p>	<p>1. Flowers</p>	<p>1.वणमाला (Written Recapitulation)</p> <p>2.Introduction of बिना मात्रा वाले दो और तीन अक्षर के समूह से बने वाक्य</p>
10	MARCH	<p>1. Revision</p>	<p>1. Revision</p>	<p>1. Revision</p> <p>2. Festival - Holi -EID</p>	<p>1. Revision</p>

**Please Note:**

Teachers must ensure that opportunities are provided to/for-

1. Encourage the students to observe and explore print in the immediate environment. Students should be provided with a print rich environment in the classroom.
2. Having free and guided conversations and supporting students in using a variety of communication strategies including gestures, non-verbal expressions, talking in turns and listening to others.
3. Enjoying rhythmic songs and movements including a lot of body co-ordination.
4. Having hands-on experiences using manipulative objects that encourage sorting, matching, imagining etc.
5. Designing proper outdoor play environment and indoor free play activity areas.
6. Using technology as a source of content for teaching.
7. Joyful activities that encourage the use of all the child's senses.
8. Experiences that gradually move from simple to complex, familiar to unfamiliar and concrete to abstract.
9. Language development- The language of instruction and transaction is the child's home language/mother tongue/familiar language. Transition into school language when different from home language should be gentle and always scaffolded by the home language.
10. Classroom activities that encourage development of gross and fine motor skills and also support socio-emotional and cognitive development.
11. Play activities that may be sometimes free, guided or structured.
12. Conversations, stories, music, movement, arts, craft, toys and games to engage the students.
13. Balancing activities pertaining to physical development, social, emotional and ethical development, cognitive development, aesthetic and cultural development.

**REFERENCES:**

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Department of School Education and Literacy  
Ministry of Education  
Govt of India
- ) National Curriculum Framework for foundational stage 2022  
NCERT
- ) The Pre-School Curriculum  
NCERT 2019
- ) Vidya Pravesh – Three Month Play-Based School Preparation Module for Grade-1  
NCERT 2022
- ) Pre-Prep and Prep Syllabus  
AEES
- ) Diksha- Nishtha Online Courses on ECCE

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**SUMMARY OF THE SYLLABUS FOR BALVATIKA –3 (2026-27)**

S.NO	MONTHS	ENGLISH	MATHEMATICS	GENERAL KNOWLEDGE	HINDI
1	APRIL-JUNE	<p>1. Revision of Alphabet - Aa to Zz</p> <p>2. Revision of two letter words.</p> <p>3. Teaching: vowels and consonants - Articles 'a' and 'an'</p> <p>4. Introduction of vowel - 'a' family words - ab, ad, ag, am, an, ap, ar, at, ax, ay words</p> <p>5. Introduction of This &amp; That (June)</p> <p>6. Reading sight words</p>	<p>Revision of Pre- Math Concepts</p> <p>1. Introduction of Pre-Math Concepts: -left and right</p> <p>2. Oral Recap of Numbers (1-100)</p> <p>3. Introduction of numbers 61 – 70</p>	<p>1. Seasons</p> <p>2. Colours :- Primary Colours -Introduction of dark and light shades</p> <p>3. Myself, Emotions, My Family (June)</p>	<p>1. पुनरावृत्ति : वणमाला (Revision )</p> <p>2. पुनरावृत्ति : बिना मात्रा वाले दो और तीन अक्षर के शब्द ( Revision)</p> <p>3. पुनरावृत्ति : बिना मात्रा वाले दो और तीन अक्षर के समूह से बने वाक्य ( Revision)</p> <p>4. मात्राएँ:-अ से अं का परिचय (Introduction)</p> <p>5. बारहखड़ी का परिचय (Introduction)</p>

2	JULY	<p>1. Introduction of vowel 'e' &amp; 'i' family words - eb, ed, eg, en, et, ey words - ib, id, ig, in, ip, it words</p> <p>2. Introduction of: - 'These' &amp; 'Those' - 'in' &amp; 'on'</p> <p>3. Reading sight words</p>	<p>1. Introduction of Pre-Math Concepts -front and behind</p> <p>2. Oral- Counting Backwards 20 to 1</p> <p>3. Oral- Numbers (101-120)</p> <p>4. Introduction of numbers 71 – 90</p>	<p>My Home, Rooms in a House, Days of the week, Months of a year</p>	<p>1. बारहखड़ी (Continuation )</p> <p>2. 'आ' मात्रा वाले शब्दों का परिचय (Introduction)</p> <p>3. चित्र वाचन (Picture reading)</p>
3	AUGUST	<p>1. Introduction of vowel 'o' &amp; 'u' family words - ob, od, og, op, ot words - ub, ug, us words</p> <p>2. Introduction of: - Blends (ch,sh,th) - Consonant Blends : initial consonant clusters (bl, br, cl, cr, st, str etc) - I, He, She &amp; It</p>	<p>1. Introduction of Pre-Math Concepts -top and bottom</p> <p>2. Written- Counting Backwards 20 to 1</p> <p>3. Introduction of before number (using number line)</p> <p>4. Oral- Numbers (121-140)</p> <p>5. Introduction of numbers 91 –100</p>	<p>Parts of the body, Sense Organs, Good Habits, Good Manners Secondary Colours –Introduction of dark and light shades</p>	<p>1. बारहखड़ी (Continuation )</p> <p>2. इ, ई, उ और ऊ मात्रा वाले शब्दों का परिचय (Introduction)</p> <p>3. चित्र वाचन (Picture reading)</p>

		-Use of : and , is, am, are,  3. Action Words 4. Reading sight words			
<b>4</b>	<b>SEPTEMBER</b>	1.Introduction of: -above and below -singular, plural -opposites  2. Picture Composition (Oral and Written) Topic- Myself and My Family  3.Reading sight words	1. Pre- Math Concept comparison of sizes -big, bigger, biggest -small, smaller, smallest  2. Oral – Numbers (141-160)  3. Written :Numbers 1– 100	Fruits and Vegetables, Good Eating Habits, Nutritious and junk food	1. ए, ऐ, ओ और औ मात्रा वाले शब्दों का परिचय (Introduction)  2. चित्र वाचन (Picture reading)
<b>5</b>	<b>OCTOBER</b>	1. Picture Talk  2. Picture Composition (Oral and Written) Topic- My School and My Home  3.Reading sight words	1. Pre- Math Concept comparison of length -tall, taller, tallest -short, shorter, shortest  2. Oral – Numbers (161-180)  3. Continuation of numbers 1– 100	Animals: -Pet -Domestic -Wild -Water	1. अं मात्रा वाले शब्दों का परिचय (Introduction)  2. चित्र वाचन (Picture reading)  3. लिखित शब्द (नीचे दिए गए विषयों के ऊपर) विषय: फल और सब्ज़ी

6	NOVEMBER	<p>1. Picture Talk</p> <p>2. Picture Composition (Oral and Written)</p> <p>Topic- In the Park/ Garden and Birthday Party</p> <p>3. Reading sight words</p>	<p>1. Pre- Math Concept comparison of widths -thin, thinner, thinnest -thick, thicker, thickest</p> <p>2. Oral – Numbers (181-200)</p> <p>3. Currency notes and coins</p> <p>4 Number names</p>	Community Helpers My Neighbours and Neighbourhood	<p>1. चित्र वाचन (Picture reading )</p> <p>2. लिखित शब्द (नीचे दिए गए विषयों के ऊपर) विषय: पालतू जानवर और जंगली जानवर</p>
7	DECEMBER	<p>1. Picture Talk</p> <p>2. Picture Composition (Oral and Written) Topic- Festivals of India and Places of Worship</p> <p>3. Reading sight words</p>	<p>1. Greater than, lesser than (1 to 10)</p> <p>2. Fractions : full and half (using pictures/ shapes only)</p> <p>3. Revision of all shapes -Introduction of Shape (diamond)</p> <p>4 Number names (continuation)</p>	Modes Of Transport Traffic Signal Road Safety	<p>1. चित्र वाचन (Picture reading)</p> <p>2. लिखित शब्द (नीचे दिए गए विषयों के ऊपर) विषय: पाठशाला में दिखने वाला आम वस्तुएँ - घर में पाई जाने वाली आम वस्तुएँ</p> <p>3. विलोम शब्द (Opposites)</p> <p>4. तुक वाले शब्द (Rhyming)</p>

					Words) 5.अंका के नाम :(1 to 10)
<b>8</b>	<b>JANUARY</b>	1. Picture Talk 2. Picture Composition (Oral and Written) Topic- A Visit to a Zoo and Farm House 3. Reading sight words	1. Ascending and Descending order of numbers: 1 to 10 2. Number names (continuation)	Flowers Parts of a Plant National Symbols	1. चित्र वाचन (Picture reading) 2. लिखित शब्द (नीचे दिए गए विषयों के ऊपर) विषय: शरीर के विभिन्न अंग - पैर के विभिन्न अंग 3. मात्रा वाले अक्षरों के समूह से बने सरल वाक्यों का परिचय (Introduction of simple sentences)
<b>9</b>	<b>FEBRUARY</b>	1. Picture Talk 2. Picture Composition (Oral and Written) Topic- At the Beach and A Visit to the Market 3. Reading sight words 4. Reading small	1. Basic Addition (through activities) 2. Basic Subtraction (through activities) 3. Number names (1 to 20)	Birds Insects Festivals Places of worship	1. चित्र वाचन (Picture reading) 2. लिखित शब्द (नीचे दिए गए विषयों के ऊपर) विषय: वाहन के नाम - रंगों के नाम 3. मात्रा वाले अक्षरों के समूह से बने कुछ अन्या सरल वाक्य (more sentences)

		passages/poems			4. पाठ-बोधन (reading comprehension)
10	MARCH	Revision	Revision	Revision	पुनरावृत्ति

**Please Note:**

Teachers must ensure that opportunities are provided –

1. To conduct “Meet and Greet” Sessions (teacher initiated morning group activities), Circle Time Activities etc. It should be ensured that students learn to make age appropriate adjustments during such activities and they also develop sensitivity and acceptability towards children from diverse backgrounds including children with special educational needs.
2. For developing print awareness, encouraging scribbling, segmenting (breaking a word into sounds), sequencing, practicing shared reading and shared writing, inferencing, narrating, meaning making, prediction etc.
3. For providing experiences for developing environmental awareness and scientific thinking
4. For tracing, drawing and colouring activities for students to nourish their creative art and fine motor skill development.
5. For developing mathematical abstract ideas (concepts) concrete experiences (ELPS- Experience, Spoken Language, Pictures, Written Symbols).
6. To provide proper outdoor play environment and indoor free play activity areas.
7. To use technology as a source of content for teaching.
8. To provide joyful activities that encourages the use of all the child’s senses.
9. To provide Experiences that gradually moves from simple to complex, familiar to unfamiliar and concrete to abstract.

10. Language development- The language of instruction and transaction is the child's home language/mother tongue/familiar language. Transition into school language when different from home language should be gentle and always scaffolded by the home language.
11. The five step learning process- 'Panchadi' is a good guide to formulating the sequence that a teacher may adopt in planning for instruction. It involves- i) Introduction ii) Conceptual Understanding iii) Practice iv) Prayog v) Expansion
12. Students can be provided systematic scaffolding through a 'Gradual Release of Responsibility' (GRR) where first; teachers must explain ideas/skills. After that, students and teachers work together on the same ideas/skills where the teacher provides guided support and finally the students practice individually and independently.

### **REFERENCES:**

- ) NIPUN (National Initiative for Proficiency in Reading with Understanding and Numeracy) – Guidelines for Implementation  
Department of School Education and Literacy  
Ministry of Education  
Govt. of India
- ) National Curriculum Framework for foundational stage 2022  
NCERT
- ) The Pre-School Curriculum  
NCERT 2019
- ) Vidya Pravesh – Three Month Play-Based School Preparation Module for Grade-1  
NCERT 2022
- ) Pre-Prep and Prep Syllabus  
AEES
- ) Diksha- Nishtha Online Courses on ECCE
- ) Class I Textbooks  
CBSE

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**Month-wise Break-up of Syllabus for 2026-2027**

कक्षा/Class: I

विषय/Subject: English

पुस्तक का शीर्षक/Book Title: Mridang

No.of scholastic days	Month	Chapters/Lessons/Units to be taught in that month	Examination & Portion for the Exam
22	April 2026	Vidya Pravesh	CYCLE TEST-1 (Based on Vidya Pravesh)
03	May		
09	June		
25	July	UNIT-1: My Family and Me *Two Little Hands *Greetings	CYCLE TEST-2
22	August	UNIT-2: Life Around Us *Picture Time *The Cap Seller and the Monkeys	CYCLE TEST-3
24	September	*The Cap Seller and the Monkeys (continued) *A Farm	CYCLE TEST-4
14	October	UNIT-3: Food *Fun with Pictures	
23	November	*The Food We Eat	CYCLE TEST-5
17	December	UNIT-4: Seasons *The Four Seasons	CYCLE TEST-6
22	January (2027)	*The Four Seasons (Continued)	CYCLE TEST-7
23	February	*Anandi's Rainbow	
22	March	REVISION	CYCLE TEST-8

# Worksheets may be given on no-bag days.

**Note:** There will be 8 Cycle Tests. Cycle Test-4 will be conducted simultaneously with Term-1 Exam/Half-yearly exams and Cycle Test-8 will be conducted simultaneously with Term-2/ Annual Exams of the AY 2026-27.

**Competencies & Marks Distribution for English Cycle Test**

Competencies	Reading	Writing	Spelling	Handwriting	Listening	Speaking	Total
Max. Marks	10	5	10	5	5	5	40

**परमाणु ऊर्जा शिक्षण संस्था**  
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कक्षा/Class: I

विषय/Subject: हिंदी

पुस्तक का शीर्षक/Book Title: सारंगी 1

महीना	शैक्षणिक दिनों की संख्या	Chapters/Lessons/Units to be taught in that month	Examination & Portion for the Exam
अप्रैल 2026	22	विद्या प्रवेश -	
मई	03	तत्परता कार्यक्रम - वर्णमाला के अक्षरों को पहचानना, मेरा परिचय , गीतों व कविता के माध्यम से परिवार की जानकारी देना, विविध खेल खिलाना, वर्णमाला के अक्षरों को पहचानना , मात्राओं का पुनरावर्तन, बारहखड़ी का अभ्यास, अक्षरों की ध्वनि पहचानना व उसका अभ्यास कराना, शब्दों का वाचन व अभ्यास, विद्यालय परिसर की जानकारी, कविता गायन, कठपुतली व खेलों के माध्यम से बच्चों को सीखने के लिए तैयार करना, सरल शब्दों का वाचन व अभ्यास, बरसात से संबंधित विविध गीत सीखाना, चित्रों में रंग भरना	चक्र परीक्षा -1 (विद्या प्रवेश पर आधारित)
जून	09		
जुलाई	25	<b>इकाई 1: परिवार</b> 1. मीना का परिवार # चंदा मामा दूर के 2. दादा – दादी 3. रीना का दिन	चक्र परीक्षा – 2
अगस्त	22	4. रानी भी <b>इकाई 2 : जीव- जगत</b> *मुर्गा बोला कुकड़ू -कूँ 5. मिठाई 6. तीन साथी	चक्र परीक्षा -3
सितंबर	24	7. वाह, मेरे घोड़े! 8. खतरे में साँप * कबरी झबरी बकरी	चक्र परीक्षा -4

अक्तूबर	14	इकाई 3 : हमारा खान-पान 9. आलू की सड़क 10. झूलम-झूली	
नवंबर	23	11. भुट्टे 12. फूली रोटी इकाई 4 : त्योहार और मेले 13. मेला	चक्र परीक्षा -5
दिसंबर	17	14. बरखा और मेघा 15. होली	चक्र परीक्षा -6
जनवरी 2027	22	16. जन्म दिवस पर पेड़ लगाओ इकाई 5 : हरी -भरी दुनिया 17. हवा	चक्र परीक्षा -7
फरवरी	23	18. कितनी प्यारी है ये दुनिया 19. चाँद का बच्चा पुनरावृत्ति	
मार्च	22	पुनरावृत्ति	चक्र परीक्षा -8

\$ नो-बैग दिनों पर वर्कशीट दी जा सकती है।

**टिप्पणी** : 8 चक्र परीक्षण होंगे। चक्र परीक्षण-4 का आयोजन टर्म-1 परीक्षा/अर्धवार्षिक परीक्षाओं के साथ-साथ किया जाएगा और चक्र परीक्षण-8 का आयोजन वर्ष 2026-27 के टर्म-2/वार्षिक परीक्षाओं के साथ-साथ किया जाएगा।

### हिन्दी चक्र परीक्षण के लिए दक्षताएँ और अंक वितरण

दक्षताएँ	पढ़ना	लेखन	वर्तनी	सुलेख	सुनना	बोलना	कुल
अधिकतम अंक	10	5	10	5	5	5	40

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**Month-wise Break-up of Syllabus for 2026-2027**

कक्षा/Class : I

विषय/Subject: Mathematics

पुस्तक का शीर्षक/Book Title: Joyful Mathematics

No. of scholastic days	Month	Chapters/Lessons/Units to be taught in that month	Examination & Portion for the Exam
22	April 2026	VIDYA PRAVESH	Cycle Test 1 (Based on Vidya Pravesh )
03	May 2026		
09	June 2026		
25	July 2026	<b>Lesson-1, Finding The Furry Cat!</b> (Pre Number Concepts) <b>Lesson 2, What Is Long? What Is Round?</b> (Shapes)	Cycle Test 2
22	August 2026	<b>Lesson-2: continued</b> <b>Lesson -3: Mango Treat</b> (Number 1 To 9)	Cycle Test 3
24	September 2026	<b>Lesson-4: Making 10</b> (Numbers 10 To 20) <b>Lesson - 5: How Many ?</b> (Addition and Subtraction of Single-Digit Numbers)	Cycle Test 4
14	October 2026	<b>Lesson-6: Vegetable Farm</b> (Addition And Subtraction Up To 20) <b>Lesson-7: Lina's Family</b> (Measurement)	
23	November 2026	<b>Lesson-8, Fun with Numbers</b> (Numbers 21 To 99) <b>Lesson-9, Utsav</b> (Patterns)	Cycle Test 5
17	December 2026	<b>Lesson-10: How Do I Spend My Day?</b> (Time)	Cycle Test 6
22	January 2027	<b>Lesson-11: How Many Times?</b> (Multiplication) <b>Lesson-12,How Much Can We spend?</b> (Money)	Cycle Test 7
23	February 2027	<b>Lesson-12: How Much Can We spend?</b> Continued <b>Lesson - 13: So Many Toys</b> (Data Handling)	
22	March 2027	Revision	Cycle Test 8

\$ Worksheets may be given on no-bag days.

**Note:** There will be 8 Cycle Tests. Cycle Test-4 will be conducted simultaneously with Term-1 Exam/Half-yearly exams and Cycle Test-8 will be conducted simultaneously with Term-2/ Annual Exams of the AY 2026-27.

**Competencies & Marks Distribution for Mathematics Cycle Test**

Competencies	Forming Numbers	Understanding the concept	Ability to compute	Problem-solving	Total
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**परमाणु ऊर्जा शिक्षण संस्था**  
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**Month-wise Break-up of Syllabus for 2026-2027**

**कक्षा/Class: II**

**विषय/Subject: English**

**पुस्तक का शीर्षक/Book Title: Santoor**

No. of scholastic days	Month	Chapters/Lessons to be taught in that month	Tests
22	April 2026	My Bicycle (Poem) Picture Reading Out Out	
03	May	Out Out (Contd...)	
09	June	It Is Fun (Poem)	Cycle Test -1
25	July	Seeing Without Seeing	Cycle Test -2
22	August	Come Back Soon (Poem) Between Home & School	Cycle Test -3
24	September	This Is My Town (Poem) A Show of Clouds	Cycle Test -4
14	October	A Show of Clouds (Contd..)	
23	November	My Name The Crow (Poem)	Cycle Test -5
17	December	The Smart Monkey	Cycle Test -6
22	January 2027	Little Drops of Water (Poem)	Cycle Test -7
23	February	We Are All Indians Revision	
22	March	Revision	Cycle Test -8

**Note:** There will be 8 Cycle Tests. Cycle Test-4 will be conducted simultaneously with Term-1 Exam/Half-yearly exams and Cycle Test-8 will be conducted simultaneously with Term-2/ Annual Exams of the AY 2026-27.

**Competencies and Marks Distribution for English Cycle Test**

Competencies	Reading	Writing	Spelling	Handwriting	Listening	Speaking	Total
Max. Marks	10	5	10	5	5	5	40

**परमाणु ऊर्जा शिक्षण संस्था**  
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**कक्षा: II**

**विषय: हिंदी**

**पुस्तक का शीर्षक: सारंगी 2**

शैक्षणिक दिनों की संख्या	माह	उस महीने में पढ़ाए जाने वाले अध्याय/पाठ/इकाइयाँ	परीक्षा और परीक्षा का भाग
22	अप्रैल 2026	<b>इकाई 1: परिवार</b> 1. नीमा की दादी 2. घर ( कविता ) 3. माला की चांदी की पायल	
03	मई	4. माँ ( कविता )	
09	जून	4. माँ ( कविता ) ( क्रमशः) 5. थाथू और मैं	चक्र परीक्षा -1
25	जुलाई	6. चींटा (खेल गीत ) 7. टिल्लू जी (खेल गीत ) <b>इकाई 2: रंग ही रंग</b> 8. तीन दोस्त	चक्र परीक्षा - 2
22	अगस्त	9. दुनिया रंग बिरंगी 10. कौन ( कविता )	चक्र परीक्षा - 3
24	सितंबर	11. बेंगनी जोजो 12. तोसिया का सपना <b>इकाई 3 : हरी भारी धरती</b> 13. तालाब	चक्र परीक्षा -4
14	अक्टोबर	14. बीज 15. किसान ( कविता )	
23	नवंबर	16. मूली 17. बरसात और मेंढक <b>इकाई 4 : मित्रता</b> 18. शेर और चूहे की दोस्ती	चक्र परीक्षा -5
17	दिसम्बर	19. आउट 20. छुपन -छुपाई	चक्र परीक्षा -6
22	जनवरी 2027	21. हाथी साइकिल चला रहा था <b>इकाई 5: आकाश</b> 22. चार दिशाएं ( कविता ) 23. चंदा मामा	चक्र परीक्षा -7
23	फरवरी	24. गिरे ताल मे चंदा मामा ( कविता ) 25. सबसे बड़ा छाता 26. बादल ( कविता )	
22	मार्च	पुनरावर्तन	चक्र परीक्षा -8

**टिप्पणी :** 8 चक्र परीक्षण होंगे। चक्र परीक्षण-4 का आयोजन टर्म-1 परीक्षा/अर्धवार्षिक परीक्षाओं के साथ-साथ किया जाएगा और चक्र परीक्षण-8 का आयोजन वर्ष 2026-27 के टर्म-2/वार्षिक परीक्षाओं के साथ-साथ किया जाएगा।

**हिन्दी चक्र परीक्षण के लिए दक्षताएँ और अंक वितरण**

दक्षताएँ	पढ़ना	लेखन	वर्तनी	सुलेख	सुनना	बोलना	कुल
अधिकतम अंक	10	5	10	5	5	5	40

**परमाणु ऊर्जा शिक्षण संस्था**  
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**कक्षा/Class: II**

**विषय/Subject: Mathematics**

**पुस्तक का शीर्षक/Book Title: Joyful Mathematics**

No. of scholastic days	Month	Chapters/Lessons to be taught in that month	Tests
22	April 2026	1. A Day at the Beach (Counting in Groups)	
03	May	2. Shapes Around Us (3D Shapes)	
09	June	2. Shapes Around Us (3D Shapes) contd.	CYCLE TEST -1
25	July	3. Fun with Numbers (Numbers 1 to 100)	CYCLE TEST -2
22	August	4. Shadow Story (2D Shapes)	CYCLE TEST -3
24	September	5. Playing with Lines (Orientations of a line)	CYCLE TEST -4
14	October	6. Decoration for Festival (Addition and Subtraction)	
23	November	7. Rani's Gift (Measurement) 8. Grouping and Sharing (Multiplication and Division)	CYCLE TEST -5
17	December	9. Which Season is it? (Measurement of Time)	CYCLE TEST -6
22	January 2027	10. Fun at the Fair (Money)	CYCLE TEST -7
23	February	11. Data Handling Revision	
22	March	Revision	CYCLE TEST -8

**Note:** There will be 8 Cycle Tests. Cycle Test-4 will be conducted simultaneously with Term-1 Exam/Half-yearly exams, and Cycle Test-8 will be conducted simultaneously with Term-2/Annual Exams.

**Competencies & Marks Distribution for Mathematics Cycle Test**

Competencies	Forming Numbers	Understanding the concept	Ability to compute	Problem-solving	Total
Max. Marks	10	10	10	10	40

**परमाणु ऊर्जा शिक्षण संस्था**  
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**कक्षा/Class: III**

**विषय/Subject: English**

**पुस्तक का शीर्षक/Book Title: Santoor**

Month	No. of scholastic days	Chapters/Lessons/Units to be taught in that month	Examination & Portion for the Exam
April (2026)	22	Unit 1: Fun with Friends 1. Colours 2. Badal and Moti	
May	03	2. Badal and Moti (contd.)	
June	09	3. Best Friends What do you do?	
July	25	Unit 2: Toy and Games 4. Out in the Garden 5. Talking Toys	<b>Periodic Test - 1 Unit - 1 (Lessons 1 to 3)</b>
August	22	5. Talking Toys (contd.) 6. Paper Boats	
September	24	Revision for Half-Yearly Exam	<b>HYE: Unit -1 &amp; Unit -2 (Lesson 1 to 6)</b>
October	14	Unit 3: Good Food 7. The Big Laddoo	
November	23	8. Thank God 9. Madhu's Wish	
December	17	Unit 4: The Sky 10. Night	
January (2027)	22	11. Chanda Mama Counts the Stars 12. Chandrayaan	<b>Periodic Test - 2 Unit 3 (Lessons 7 to 9)</b>
February	23	12. Chandrayaan (contd.) Revision for Yearly Exam	
March	22	Revision (contd.)	<b>Annual Exam: Unit - 3 &amp; Unit - 4 (Lessons 7 to 12)</b>

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

Exam	Portion
टर्म-I/ अर्धवार्षिक के लिए पाठ्यक्रम (2026-27) Syllabus for Term-I/ Half Yearly Examination (2026-27)	Portion: Unit - 1 & Unit - 2 (Lesson 1 to 6)
टर्म -II/वार्षिक परीक्षा के लिए पाठ्यक्रम 2026-27/ Syllabus for Term-II/Annual Examination 2026-27	Portion: Unit - 3 & Unit - 4 (Lesson 7 to 12)

**परमाणु ऊर्जा शिक्षण संस्था**  
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कक्षा: III

विषय: हिंदी

**पुस्तक का शीर्षक: वीणा**

शैक्षणिक दिनों की संख्या	माह	पाठ का नाम	परीक्षा
25	अप्रैल/मई 2026	1. सीखो	
		2. चींटी	
		# चींटी और हाथी कि छुपन - छुपाई 3. कितने पैर	
9	जून	कितने पैर (जारी)	
		# दोस्त के जूते	
		4. बया हमारी चिड़िया रानी	
25	जुलाई	5. आम का पेड़	प्रथम सामयिक परीक्षा
		6. बीरबल कि खिचड़ी	(पाठ 1 से 4)
22	अगस्त	7. मित्र का पत्र	
		8. चतुर गीदड़	
		9. प्रकृति पर्व फूलदेई	
24	सितम्बर	# सूनो भई गप्प	अर्धवार्षिक परीक्षा
		पुनरावर्तन 10. रस्साकशी	(पाठ 1 से 9)
14	अक्टूबर	10. रस्साकशी (जारी)	
		# ट्राफिक जाम	
		11. एक जादुई पिटारा	
23	नवम्बर	12. अपना अपना काम	
		13. पेड़ों कि अम्मा "थिमक्का "	
		14. किसान कि होशियारी	
17	दिसम्बर	15. भारत	
		16. चंद्रयान (संवाद )	
22	जनवरी 2027	17. बोलने वाली माँद	दूसरी सामयिक परीक्षा
		18. हम अनेक किन्तु एक	(पाठ 10 से 14)
23	फरवरी	# हिन्द देश के निवासी	
		पुनरावर्तन	
22	मार्च	पुनरावर्तन	वार्षिक परीक्षा (पाठ 10 से 18)

# रचनाएँ केवल पढ़ने के लिए दी गयी हैं |

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

Exam	Portion
टर्म-I/ अर्धवार्षिक के लिए पाठ्यक्रम (2026-27)	पाठ 1 से 9
टर्म- II/वार्षिक परीक्षा के लिए पाठ्यक्रम 2026-27	पाठ 10 से 18

**परमाणु ऊर्जा शिक्षण संस्था**  
**ATOMIC ENERGY EDUCATION SOCIETY**  
**2026-2027 के लिए पाठ्यक्रम का माहवार ब्यौरा**  
**Month-wise Break-up of Syllabus for 2026-2027**

**कक्षा/Class: III**

**विषय/Subject: Mathematics**

**पुस्तक का शीर्षक/Book Title: Maths Mela**

Month	No. of scholastic days	Chapters/Lessons to be taught	Examination & Portion for the exam
April (2026)	22	L1. What's in a name? L2. Toy Joy L3. Double Century	
May	03	L3. Double Century (continued)	
June	09	L4. Vacation with My Nani Maa	
July	25	L5. Fun with Shapes L6. House of Hundreds-I	Periodic Test - 1 Lessons 1 - 3
August	22	L6. House of Hundreds-I (continued) L7. Raksha Bandhan	
September	24	Revision L 8. Fair Share	Half-Yearly Exam Lessons 1 - 7
October	14	L 8. Fair Share (continued)	
November	23	L9. House Of Hundreds-II L10. Fun at Class Party !	
December	17	L10. Fun at Class Party! (contd) L11. Filling and Lifting	
January (2027)	22	L12. Give and Take L13. Time Goes On	Periodic Test - 2 Lessons: 8 - 10
February	23	L14. The Surajkund Fair	
March	22	Revision	Annual Examination Lessons: 8 to L14

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

Exam	Portion
टर्म-I/ अर्धवार्षिक के लिए पाठ्यक्रम (2026-27) Syllabus for Term-I/ Half Yearly Examination (2026-27)	Lesson 1 to 7
टर्म -II/वार्षिक परीक्षा के लिए पाठ्यक्रम 2026-27/ Syllabus for Term-II/Annual Examination 2026-27	Lesson 8 to 14

**परमाणु ऊर्जा शिक्षण संस्था**  
**ATOMIC ENERGY EDUCATION SOCIETY**  
**2026-2027 के लिए पाठ्यक्रम का माहवार ब्यौरा**  
**Month-wise Break-up of Syllabus for 2026-2027**

**कक्षा/Class: III**

**विषय/Subject: The World Around Us**

**पुस्तक का शीर्षक/Book Title: Our Wondrous World**

Month	No. of scholastic days	Chapters	Examination
April 2026	22	Unit 1: Our Families and Communities 1. Family and Friends 2. Going to the Mela	
May	03	2. Going to the Mela (contd.)	
June	09	3. Celebrating Festivals	
July	25	Unit 2: Life Around Us 4. Getting to Know Plants 5. Plants and Animals Live Together	Periodic Test-1 Unit-1
August	22	5. Plants and Animals Live Together (contd.) 6. Living in harmony	
September	24	Revision for Half-Yearly Exam	Half-Yearly Exam (Units-1 & 2)
October	14	Unit 3: Gifts of Nature 7. Water - A Precious Gift	
November	23	8. Food We Eat 9. Staying Healthy and Happy	
December	17	Unit: 4 Things Around Us 10. This World of Things	
January 2027	22	11. Making Things 12. Taking Charge of Waste	Periodic Test-2 Unit-3
February	23	12. Taking Charge of Waste (contd.)	
March	22	Revision for Annual Exam	Annual Examination Units 3 and 4

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

Exam	Portion
टर्म-I/ अर्धवार्षिक के लिए पाठ्यक्रम(2026-27) Syllabus for Term-I/ Half Yearly (2026-27)	Units – 1 and 2
टर्म -II/वार्षिक परीक्षा के लिए पाठ्यक्रम 2026-27/ Syllabus for Term-II/Annual Examination 2026-27	Units – 3 and 4

**परमाणु ऊर्जा शिक्षण संस्था**  
**ATOMIC ENERGY EDUCATION SOCIETY**  
**2026-2027 के लिए पाठ्यक्रम का माहवार ब्यौरा**  
**Month-wise Break-up of Syllabus for 2026-2027**

**कक्षा/Class: IV**

**विषय/Subject: ENGLISH**

**पुस्तक का शीर्षक/Book title: Santoor**

No. of scholastic days	Month	Chapters/Lessons to be taught in that month	Examination & Portion for the Exam
22	April 2026	<b>Unit 1: My Land</b>	
		Chapter-1 Together We Can Chapter-2 The Tinkling Bells	
03	May	Chapter-3 Be Smart, Be Safe	
09	June	Chapter-3 Be Smart, Be Safe (Contd...)	
25	July	<b>Unit 2: My Beautiful World</b> Chapter-4 One Thing at a Time Chapter- 5 The Old Stag	Periodic Test-1 (Unit 1)
22	August	Chapter-6 Braille	
24	September	Revision for Half-Yearly Exam	Half-Yearly Exam (Unit 1 & 2)
14	October	<b>Unit 3: Fun with Games</b> Chapter-7. Fit Body, Fit Mind, Fit Nation (Poem)	
23	November	Chapter-8. The Lagori Champions Chapter-9. Hekko	
17	December	<b>Unit-4: Up High</b> Chapter 10: The swing (Poem)	
22	January 2027	Chapter -11: A Journey to the Magical Mountains	Periodic Test-2 (Unit 3)
23	February	Chapter-12. Maheshwar Revision	
22	March	Revision	Yearly Exam (Unit 3 & 4)

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

Exam	Portion
टर्म-I/ अर्धवार्षिक परीक्षा के लिए पाठ्यक्रम(2026-27) Syllabus for Term-I/ Half Yearly Examination (2026-27)	Units – 1 and 2
टर्म -II/वार्षिक परीक्षा के लिए पाठ्यक्रम 2026-27/ Syllabus for Term-II/Annual Examination 2026-27	Units – 3 and 4

**परमाणु ऊर्जा शिक्षण संस्था**  
**ATOMIC ENERGY EDUCATION SOCIETY**  
**2026-2027 के लिए पाठ्यक्रम का माहवार ब्यौरा**  
**Month-wise Break-up of Syllabus for 2026-2027**

**कक्षा: IV**

**विषय: हिन्दी**

**पुस्तक का शीर्षक: वीणा**

शैक्षणिक दिनों की संख्या	महीना	उस महीने में पढ़ाए जाने वाले अध्याय/पाठ	परीक्षा और परीक्षा का भाग
22	अप्रैल 2026	# ऐसा वर दो 1-चिड़िया का गीत # मति की उड़ान 2-बगीचे का घोंघा	
03	मई	2- बगीचे का घोंघा (क्रमशः)	
09	जून	3- नीम # भाँति भाँति की पत्तियाँ	
25	जुलाई	4- हमारा आहार 5- आसमान गिरा # चेरापूँजी के मेहमान	प्रथम सामयिक परीक्षा (पाठ 1 से 3 तक)
22	अगस्त	6-जयपुर से पत्र #गोलगप्पा 7- नकली हीरे # हवा और धूल	
24	सितंबर	पुनरावृत्ति 8- ओणम के रंग	अर्धवार्षिक परीक्षा (पाठ 1 से 7 तक)
14	अक्टूबर	8- ओणम के रंग (जारी) 9 – मिठाइयों का सम्मलेन # जलेबी 10- कैमरा	
23	नवम्बर	10- कैमरा (क्रमशः) # सुन, इमली के दाने सुन ! # ठहाके 11- कविता का कमाल	
17	दिसंबर	11- कविता का कमाल (क्रमशः) 12- शंतरज में मात	
22	जनवरी 2027	13- हमारा आदित्य	आवधिक परीक्षा 2 (पाठ 8 से 11 तक)
23	फरवरी	13- हमारा आदित्य(क्रमशः) #हम सुमन एक उपवन के पुनरावृत्ति	
22	मार्च	पुनरावृत्ति	वार्षिक परीक्षा (पाठ 8 से 13 तक)

# रचनाएँ केवल पढ़ने के लिए दी गयी हैं।

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

परीक्षा	भाग
टर्म-I/ अर्धवार्षिक परीक्षा के लिए पाठ्यक्रम(2026-27)	पाठ 1 to 7
टर्म -II/वार्षिक परीक्षा के लिए पाठ्यक्रम 2026-27	पाठ 8 to 13

परमाणु ऊर्जा शिक्षण संस्था  
**ATOMIC ENERGY EDUCATION SOCIETY**  
 2026-2027 के लिए पाठ्यक्रम का माहवार ब्यौरा  
**Month-wise Break-up of Syllabus for 2026-2027**

**कक्षा Class: IV**

**विषय/Subject: MATHEMATICS**

**पुस्तक का शीर्षक/Book Title: Math-Mela**

No. of scholastic days	Month	Chapters to be taught in that month	Examination & Portion for the Exam
22	April 2026	Chapter 1: Shapes Around Us Chapter 2: Hide and Seek	
03	May	Chapter 2: Hide and Seek (Continued)	
09	June	Chapter 3: Pattern Around Us Chapter 4: Thousands Around Us	
25	July	Chapter 4: Thousands Around Us (Continued) Chapter 5: Sharing and Measuring	Periodic Test-1 (Chapters 1 to 3)
22	August	Chapter 6: Measuring Length Chapter 7: The Cleanest Village	
24	September	Chapter 7: The Cleanest Village (continued) Revision Chapter 8: Weigh it, Pour it	Half-Yearly Exam (Chapters 1 to 7)
14	October	Chapter 8: Weigh it, Pour it (continued) Chapter 9: Equal Groups	
23	November	Chapter 9: Equal Groups (continued) Chapter 10: Elephants, Tigers, and Leopards Chapter 11: Fun with Symmetry	
17	December	Chapter 11: Fun with Symmetry (continued) Chapter 12: Ticking Clocks and Turning Calendar	
22	January 2027	Chapter 13: The Transport Museum	Periodic Test -2 (Chapters 8 to 11)
23	February	Chapter 14: Data Handling	
22	March	Revision for Annual Exam	Yearly Exam (Chapters 8 to 14)

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

Exam	Portion
टर्म-I/ अर्धवार्षिक परीक्षा के लिए पाठ्यक्रम(2026-27) Syllabus for Term-I/ Half Yearly Examination (2026-27)	Chapters 1 to 7
टर्म -II/ वार्षिक परीक्षा के लिए पाठ्यक्रम 2026-27/ Syllabus for Term-II/ Annual Examination 2026-27	Chapters 8 to 14

परमाणु ऊर्जा शिक्षण संस्था  
**ATOMIC ENERGY EDUCATION SOCIETY**  
**2026-2027 के लिए पाठ्यक्रम का माहवार ब्यौरा**  
**Month-wise Break-up of Syllabus for 2026-2027**

कक्षा/Class: IV

विषय/Subject: The World Around Us

पुस्तक का शीर्षक/Book Title: Our Wondrous World

No. of scholastic days	Month	Chapters to be taught in that month	Examination & Portion for the Exam
22	April 2026	Chapter 1: Living Together Chapter 2: Exploring Our Neighbourhood	
03	May	Chapter 2: Exploring Our Neighbourhood (continued)	
09	June	Chapter 3: Nature Trail	
25	July	Chapter 3: Nature Trail (continued) Chapter 4: Growing up with Nature	Periodic Test-1 (Chapters 1 and 2)
22	August	Chapter 4: Growing up with Nature (contd) Chapter 5: Food for Health	
24	September	Revision for Half-Yearly Exam Chapter 6: Happy and Healthy Living	Half-Yearly Exam (Chapters 1 to 5)
14	October	Chapter 6: Happy and Healthy Living (continued) Chapter 7: How Things Work?	
23	November	Chapter 8: How Things are Made Chapter 9: Different Lands, Different Lives	
17	December	Chapter 9: Different Lands, Different Lives (continued)	
22	January 2027	Chapter 10: Our Sky	Periodic Test -2 (Chapters 6 to 9)
23	February	Chapter 10: Our Sky (continued)	
22	March	Revision for Annual Exam	Yearly Exam (Chapters 6 to 10)

Exam	Portion
टर्म-I/ अर्धवार्षिक परीक्षा के लिए पाठ्यक्रम(2026-27) Syllabus for Term-I/ Half Yearly Examination (2026-27)	Chapters 1 to 5
टर्म -II/ वार्षिक परीक्षा के लिए पाठ्यक्रम 2026-27/ Syllabus for Term-II/ Annual Examination 2026-27	Chapters 6 to 10

**परमाणु ऊर्जा शिक्षण संस्था**  
**ATOMIC ENERGY EDUCATION SOCIETY**  
**2026-2027 के लिए पाठ्यक्रम का माहवार ब्यौरा**  
**Month-wise Break-up of Syllabus for 2026-2027**  
**कक्षा/Class: V** **विषय/Subject: English**  
**पुस्तक का शीर्षक/Book Title: Santoor**

No. of scholastic days	Month	Chapters/Lessons/Units to be taught in that month	Examination & Portion for the Exam
22	April 2026	<b>Unit 1:</b> Poem-1. Papa's Spectacles	
03	May	Lesson 2. Gone with the Scooter	
09	June	Lesson 2. Gone with the Scooter Cont....	
25	July	Lesson 2. Gone with the Scooter	<b>Periodic Test - 1</b> Unit-1
22	August	<b>Unit 2</b> -Poem: 3. The rainbow Lesson : 4. The Wise Parrot	
24	September	Revision for Half-Yearly Exam <b>Unit 3-</b> Poem : 5. The Frog	<b>Half-Yearly Exam</b> Units 1 & 2
14	October	Poem : 5. The Frog (Contd) Lesson: 6. What a Tank!	
23	November	Lesson: 6....contd. <b>Unit 4</b> Poem : 7. Gilli Danda	
17	December	Lesson : 8. The Decision of the Panchayat	
22	January (2027)	<b>Unit 5</b> Poem : 9. Vocation Lesson: 10. Glass Bangles	<b>Periodic Test - 3</b> Unit 3,4
23	February	Lesson: 10. Glass Bangles (contd) Revision for the Annual Exam	
22	March	Revision for Annual Exam	<b>Annual Examination</b> Units- 3, 4 & 5

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

Exam	Portion
टर्म-I/ अर्धवार्षिक परीक्षा (2026-27) Term-I/ Half Yearly Examination (2026-27)	Units 1 & 2
टर्म -II/वार्षिक परीक्षा (2026-27) Term-II/Annual Examination (2026-27)	Units - 3, 4 & 5

**परमाणु ऊर्जा शिक्षण संस्था**  
**ATOMIC ENERGY EDUCATION SOCIETY**  
**2026-2027 के लिए पाठ्यक्रम का माहवार ब्यौरा**  
**Month-wise Break-up of Syllabus for 2026-2027**

कक्षा/Class: 5

विषय/Subject: हिंदी

पुस्तक का शीर्षक/Book Title: वीणा

शैक्षणिक दिनों की संख्या	माह	अध्याय का नाम	परीक्षा
22	April 2026	अध्याय -1 किरन	
03	May 2026	#पेड़ का जादू	
09	June	अध्याय -2 न्याय की कुर्सी	
25	July	अध्याय-3 चौद का कुरता #जागो प्यारे	आवधिक परीक्षा 1 (अध्याय 1 से 3 तक)
22	August	अध्याय-4 साडकेन #होली आई, होली आई अध्याय-5 सुंदरिया	
24	September	अध्याय-5 सुंदरिया (जारी) #हाथी और चींटी अध्याय-6 चतुर चित्रकार पुनरावृति	अर्द्धार्षिक परीक्षा (अध्याय 1 से 6 तक)
14	October	#दो मेंढकों की यात्रा अध्याय-7 मेरा बचपन	
23	November	अध्याय- 8 काजीरंगा राष्ट्रीय उद्यान की यात्रा #घूमो- देखो अध्याय-9 न्याय	
17	December	अध्याय-9 न्याय (जारी) अध्याय-10 तीन मछलियाँ	
22	January (2027)	अध्याय-11 हमारे ये कलामंदिर अध्याय-12 गंगा की कहानी	आवधिक परीक्षा 2 (अध्याय 7 से 9 तक)
23	February	अध्याय-12 गंगा की कहानी(जारी) #गगनयान पुनरावृति	
22	March	पुनरावृति	वार्षिक परीक्षा (अध्याय 7 से 12 तक)

# रचनाएँ केवल पढ़ने के लिए दी गयी हैं।

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

Exam	Portion
टर्म-I/ अर्धवार्षिक परीक्षा (2026-27) Term-I/ Half Yearly Examination (2026-27)	अध्याय 1 से 6 तक
टर्म -II/वार्षिक परीक्षा (2026-27) Term-II/Annual Examination (2026-27)	अध्याय 7 से 12 तक

परमाणु ऊर्जा शिक्षण संस्था  
**ATOMIC ENERGY EDUCATION SOCIETY**  
**2026-2027 के लिए पाठ्यक्रम का माहवार ब्यौरा**  
**Month-wise Break-up of Syllabus for 2026-2027**

**कक्षा/Class: V**

**विषय/Subject: Mathematics**

**पुस्तक का शीर्षक/Book Title: Math Mela**

No. of scholastic days	Month	Chapters/Lessons/Units to be taught in that month	Examination & Portion for the Exam
22	April 2026	<b>Chapter-1:</b> We the travellers -I	
03	May 2026	<b>Chapter-2 :</b> Fractions	
09	June	<b>Chapter-2 :</b> Fractions .... cont....	
25	July	<b>Chapter-3:</b> Angles as Turns <b>Chapter-4:</b> We the travellers -II	<b>Periodic Test-1</b> (Ch. 1,2,3)
22	August	<b>Chapter-5:</b> Far and Near <b>Chapter-6:</b> The Dairy Farm	
24	September	<b>Chapter-7:</b> Shapes and Patterns Revision for Half-Yearly Exam	<b>Term-1 Exam</b> (Chapters 1 to 7)
14	October	<b>Chapter-8:</b> Weight and Capacity	
23	November	<b>Chapter-9:</b> Coconut Farm <b>Chapter-10:</b> Symmetrical Designs <b>Chapter-11:</b> Grandmother's Quilt	
17	December	<b>Chapter-12:</b> Racing Seconds <b>Chapter-13:</b> Animal Jumps	
22	January (2027)	<b>Chapter-13:</b> Animal Jumps (contd) <b>Chapter-14:</b> Maps and Locations <b>Chapter-15:</b> Data Through Pictures	<b>Periodic Test-2</b> (Chapters 8,9,10)
23	February	<b>Chapter-15:</b> Data Through Pictures (contd) Revision for Annual Exam	
22	March	Revision for Annual Exam	<b>Annual Exam-2026-27</b> (Chapters 8 to 15)

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

Exam	Portion
टर्म-I/ अर्धवार्षिक परीक्षा (2026-27) Term-I/ Half Yearly Examination (2026-27)	Chapter 1 to 7
टर्म -II/वार्षिक परीक्षा (2026-27) Term-II/Annual Examination (2026-27)	Chapter 8 to 15

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**Month-wise Break-up of Syllabus for 2026-2027**

**कक्षा/Class: V**

**विषय/Subject: The World Around Us**

**पुस्तक का शीर्षक/Book Title: Our Wondrous World**

No. of scholastic days	Month	Chapters/Lessons/Units to be taught in that month	Examination & Portion for the Exam
22	April 2026	<b>Unit 1: Life Around Us</b> Chapter 1: Water – The Essence of Life	
03	May	Chapter 1: Water – The Essence of Life...cont..	
09	June	Chapter 2: Journey of a River	
25	July	Chapter 2: Journey of a River Cont....	<b>Periodic Test-1 (Chapters 1 and 2)</b>
22	August	<b>Unit 2: Health and Well-being</b> Chapter 3: The Mystery of Food Chapter 4: Our School – A Happy Place	
24	September	Revision of half-yearly exam <b>Unit 3: Incredible India</b> Chapter 5: Our Vibrant Country	<b>Term-1 Exam (Chapters 1 to 4)</b>
14	October	Chapter 5: Our Vibrant Country (contd) Chapter 6: Some Unique Places	
23	November	<b>Unit 4: Things Around Us</b> Chapter 7: Energy – How Things Work	
17	December	Chapter 8: Clothes – How Things are Made	
22	January (2027)	<b>Unit 5: Our Amazing Planet</b> Chapter 9: Rhythms of Nature	<b>Periodic Test-2 (Chapters 5 to 8)</b>
23	February	Chapter 10: Earth – Our Shared Home Revision for Annual Exam	
22	March	Revision for Annual Exam	<b>Annual Exam-2026-27 (Chapters 5 to 10)</b>

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

Exam	Portion
टर्म-I/ अर्धवार्षिक परीक्षा (2026-27) Term-I/ Half Yearly Examination (2026-27)	Chapters 1 to 4
टर्म -II/वार्षिक परीक्षा (2026-27) Term-II/Annual Examination (2026-27)	Chapters 5 to 10

**परमाणु ऊर्जा शिक्षण संस्था**  
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**कक्षा/Class: VI**

**विषय/Subject: ENGLISH**

**पुस्तक का शीर्षक /Book Title: Poorvi**

Month	No. of scholastic days	Units/Lessons to be taught/Portions to be covered	Examination and portion for the exam.
April 2026	21	U-1 A Bottle of dew The Raven and the fox Homophones Conjunctions Writing : Notice Writing	
May	02	U-1 Rama to the rescue Contractions	
June	12	U-1 Rama to the rescue U-2 The unlikely best friends Past tense Writing : Paragraph Writing	
July	26	U-2 A friend's prayer The chair U-3 Neem baba What a bird thought Suffixes Personification, Compound words Writing : Informal Letter	Periodic Test-1  Unit-1
August	22	U-3 Spices that heal us Writing : Story Writing Grammar: Text Based, Editing the passage, and Sentence reordering.	
September	20	Revision U-4 Change of heart Sentences with please, thank you & sorry	टर्म-I /अर्धवार्षिक के लिए पाठ्यक्रम (2026-27) Term-I/ Half Yearly Examination (2026-27) Unit 1, 2 & 3
October	23/12	U-4 The winner Writing a paragraph on the given topic	
November	12/23	U-4 Yoga a way of life Make many words using the letters given	
December	16	U-5 Hamara Bharat- Incredible India Present tense (use of s/ es with the subject)	
January 2027	22	U-5 The kites Ila Sachani -Embroidering Dreams with her feet Make words with the jumbled letters Writing : Notice Informal Letter writing Story Writing	Periodic Test 2 Unit 4
February	23	U-5 National War Memorial Countable and uncountable nouns Grammar : Editing a passage, Text based, Sentence reordering.	
March	05	Revision	Term 2 Examination Unit 4 & 5

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

Exam	Portion
टर्म-I /अर्धवार्षिक के लिए पाठ्यक्रम (2026-27) Term-I/ Half Yearly Examination (2026-27)	Unit 1, 2 & 3
टर्म -II/वार्षिक परीक्षा के लिए पाठ्यक्रम 2026-27/ Term-II/Annual Examination 2026-27	Unit 4 & 5

**परमाणु ऊर्जा शिक्षण संस्था**  
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**कक्षा/Class: VI** **विषय/Subject: हिन्दी**

**पुस्तक का शीर्षक/Book Title: मल्हार**

महीना	शैक्षणिक दिनों की संख्या	पढ़ाए जाने वाले यूनिट/पाठ/कवर किए जाने वाले भाग	लेखन एवं पाठानुसार व्याकरण	परीक्षा एवं परीक्षा का भाग
अप्रैल 2026	21	1. मातृभूमि पुष्प की अभिलाषा (पठन हेतु) 2. गोल (पठन हेतु -एक दौड़ ऐसी भी)	अवकाश प्राप्ति हेतु प्रधानाचार्य को पत्र	
मई	02	3. पहली बूंद		
जून	12	4. हार की जीत		
जुलाई	26	5. रहीम के दोहे 6. मेरी माँ	अनुच्छेद-वर्षा ऋतु	प्रथम सामयिक परीक्षा पाठ 1 से 4 तक
अगस्त	22	7. जलाते चलो	अनुच्छेद- स्वतंत्रता दिवस	
सितंबर	20	अर्धवार्षिक परीक्षा के लिए पुनरीक्षण 8. सत्रिया और बिहू नृत्य	पत्र-मित्र को जन्मदिन पर बधाई पत्र, अपठित गद्यांश एवं पद्यांश	टर्म-I/अर्धवार्षिक परीक्षा पाठ 1 से 7 तक
अक्तूबर	23/12	9. मैया मैं नहि माखन खायो	पत्र -शुल्क मुक्ति हेतु प्रधानाचार्य को पत्र	
नवंबर	12/23	10. परीक्षा 11. चेतक की वीरता	अनुच्छेद- दीपावली	
दिसंबर	16	12. हिंद महासागर में छोटा सा हिंदुस्तान	पत्र-परीक्षा में सफलता पाने पर मित्र को बधाई पत्र	
जनवरी 2027	22	13. पेड़ की बात (पठन हेतु)आओ बच्चों तुम्हें दिखाएं झाँकी हिंदुस्तान	अनुच्छेद-समय का सदुपयोग	द्वितीय सामयिक परीक्षा पाठ 8 से 11 तक
फरवरी	23	पुनरावृत्ति		
मार्च	05	पुनरावृत्ति एवं परीक्षा		टर्म- II/वार्षिक परीक्षा (पाठ 8 से 13 तक)

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

परीक्षा	भाग
टर्म-I/ अर्धवार्षिक (2026-27)	पाठ 1 से 7 तक
टर्म- II/वार्षिक परीक्षा (2026-27)	पाठ 8 से 13 तक

**परमाणु ऊर्जा शिक्षण संस्था**  
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**कक्षा/Class: VI**

**विषय/Subject: MATHEMATICS**

**पुस्तक का शीर्षक/Book Title: GANIT PRAKASH**

Month	No. of scholastic days	Chapters/ Lessons/Units to be taught in that month	Examination & Portion for the Examination
April 2026	21	Ch-1-Patterns in Mathematics Ch- 2- Lines and Angles	
May	02	Ch- 2- Lines and Angles (Continued)	
June	12	Ch-3- Number Play	
July	26	Ch-3- Number Play (Continued) Ch-4- Data Handling and Presentation Revision for PT 1	Periodic Test – 1 Lessons – 1 & 2
August	22	Ch-4- Data Handling and Presentation (Continued) Ch -5- Prime Time	
September	20	Ch -5- Prime Time (Continued) <b>REVISION FOR HALF-YEARLY EXAMINATION</b>	टर्म-I/अर्धवार्षिक के लिए पाठ्यक्रम (2026-27) Term-I/ Half Yearly Examination (2026-27) Lessons 1 to 5
October	23/12	Ch-6- Perimeter and Area	
November	12/23	Ch-7 – Fractions Ch-8- Playing with Construction	
December	16	Ch-8- Playing with Construction Ch-9- symmetry	
January (2027)	22	Ch-10-The other side of Zero	Periodic Test – 2 Lessons-6 & 7
February	23	REVISION FOR Final Exam	
March	05	REVISION FOR Final Exam	Annual Examination Lessons 6 to 10

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

Exam	Portion
टर्म-I /अर्धवार्षिक के लिए पाठ्यक्रम (2026-27) Term-I/ Half Yearly Examination (2026-27)	Lessons 1 to 5
टर्म- II/वार्षिक परीक्षा के लिए पाठ्यक्रम 2026-27/ Term-II/Annual Examination 2026-27	Lessons 6 to 10

**परमाणु ऊर्जा शिक्षण संस्था**  
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**कक्षा/Class: VI**

**विषय/Subject: SCIENCE**

**पुस्तक का शीर्षक/Book Title: Curiosity**

Month	No. of scholastic days	Chapters/Lessons/Units to be taught in that month	Examination and Portion for the Examination
April 2026	21	L-1-The Wonderful World of Science L- 2- The Diversity in the Living World	
May	02	L- 2- The Diversity in the Living World (Continued)	
June	12	L-3- Mindful Eating: A Path to a Healthy Body	
July	26	L-3- Mindful Eating: A Path to a Healthy Body (Continued) L-4- Exploring Magnets	Periodic Test – I
August	22	L-5- Measurement of Length and Motion L-6- Materials Around Us	
September	20	Revision for Half-Yearly Examination L-7 - Temperature and its measurement	टर्म-I /अर्धवार्षिक के लिए पाठ्यक्रम (2026-27) Term-I/ Half Yearly Examination (2026-27) Chapters 1 to 6
October	23/12	L-7 - Temperature and its measurement (contd) L-8- A Journey through States of Water	
November	12/23	L-8- A Journey through States of Water (contd) L-9- Methods of Separation in Everyday Life	
December	16	L-9- Methods of Separation in Everyday Life (contd) L-10- Living Creatures: Exploring their Characteristics	
January 2027	22	L-10- Living Creatures: Exploring their Characteristics (contd) L-11- Nature's Treasures	Periodic Test – II Chapters 7 to 9
February	23	L-12- Beyond Earth Revision For Final Exam	
March	05	Revision For Final Exam	Annual Examination Chapters – 7 to 12

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

Exam	Portion
टर्म-I /अर्धवार्षिक के लिए पाठ्यक्रम (2026-27) Term-I/ Half Yearly Examination (2026-27)	Chapters - 1 to 6
टर्म- II/वार्षिक परीक्षा के लिए पाठ्यक्रम 2026-27/ Term-II/Annual Examination 2026-27	Chapters - 7 to 12

परमाणु ऊर्जा शिक्षण संस्था  
**ATOMIC ENERGY EDUCATION SOCIETY**  
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**Month-wise Break-up of Syllabus for 2026-2027**

कक्षा/Class: VI

विषय/Subject: SOCIAL SCIENCE

पुस्तक का शीर्षक/Book Title: Exploring Society: India and Beyond

Month	No. of scholastic days	Chapters to be taught in that Month	Exam and Portion for the Exam
April 2026	21	<b>Theme A (Geography) :</b> L-1-Locating places on earth	
May	02	<b>Theme B (History) :</b> L- 4- Time line and source of history	
June	12	<b>Theme D (Civics) :</b> L-9- Family and community (Civics)	
July	26	<b>Theme A (Geography):</b> L-2-Ocean and continents <b>Theme B (History):</b> L- 5 India, that is Bharat (History)	<b>Periodic Test-1</b>
August	22	<b>Theme E (Economics):</b> L-13 The value of work <b>Theme D (Civics):</b> L-10 Grassroot Democracy – Part-1 Governance	
September	20	<b>Revision for Half-Yearly Examination</b> <b>Theme A (Geography):</b> L-3 Landforms and life	<b>टर्म-I /अर्धवार्षिक के लिए पाठ्यक्रम (2026-27)</b> <b>Term-I/ Half Yearly Examination (2026-27)</b> <b>L – 1, 2, 4, 5, 9, 10, and 13</b>
October	23/12	<b>Theme A (Geography):</b> L-3 Landforms and life (contd) <b>Theme B (History):</b> L-6 -The beginnings of India’s civilization (History)	
November	12/23	<b>Theme D (Civics):</b> L-11 Grassroot democracy Part- 2 - Local government in rural area’s <b>Theme E (Economics):</b> L-14 Economic activities around us	
December	16	<b>Theme E (Economics):</b> L-14 Economic activities around us (contd) <b>Theme C:</b> L-7 India’s cultures root	
January 2027	22	<b>Theme D (Civics):</b> L-12 Grassroot democracy part-3 Local government in urban areas <b>Theme C:</b> L-8 unity and diversity, or many in the one	<b>Periodic Test-2</b> <b>L – 3, 6, 11 and 14</b>
February	23	<b>Theme C:</b> L-8 unity and diversity, or many in the one (contd) Revision For Final Exam	
March	05	Revision For Final Exam 2026-27	<b>Annual Exam</b> <b>L – 3, 6, 7, 8, 11, 12 and 14</b>

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

Exam	Portion
टर्म-I /अर्धवार्षिक के लिए पाठ्यक्रम (2026-27) Term-I/ Half Yearly Examination (2026-27)	Theme A : Geography- L1 and L2 Theme B : History- L4 and L5 Theme D : Civics- L9 and L-10 Theme E : Economics- L13
टर्म- II/वार्षिक परीक्षा के लिए पाठ्यक्रम 2026-27/ Term-II/Annual Examination 2026-27	Theme A : Geography- L3 Theme B : History- L6 Theme C : L-7 and L-8 Theme D : Civics- L11 and L-12 Theme E : Economics- L14

**परमाणु ऊर्जा शिक्षण संस्था**  
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कक्षा /Class: VII

विषय/Subject: ENGLISH

**पुस्तक का शीर्षक/Book Title: Poorvi**

Month	No. of scholastic days	Units/Lessons to be taught/ Portions to be covered	Examination and portion for the exam.
April 2026	21	Unit 1: Learning Together Prose: The Day the River Spoke Writing Task: <b>Descriptive paragraph</b>	
May	02	Unit 1: Learning Together Poem: Try Again (to be continued)	
June	12	Unit 1: Learning Together Poem: Try Again Writing Task: <b>Informal letter</b>	
July	26	Unit 1: Learning Together Prose: Three Days to See Writing Task: <b>Descriptive Paragraph</b> Unit 2: Wit and Humour Prose: Animals, Birds and Dr. Dolittle Writing: <b>Notice Writing</b>	Periodic Test-1 Unit-1
August	22	Unit 2: Wit and Humour Poem: A Funny Man Prose: Say The Right Thing Writing Task: <b>Short Story</b>	
September	20	Revision of Term 1 Syllabus	टर्म-I/अर्धवार्षिक के लिए पाठ्यक्रम (2026-27) Term-I/ Half Yearly Examination (2026-27) – Unit 1 & 2
October	23/12	Unit 3 Dreams and Discoveries Prose: My Brother's Great Invention Writing Task: <b>Paragraph on a Vocation</b> Poem: Paper Boats Writing Task: <b>Diary Entry</b>	
November	12/23	Unit 3: Dreams and Discoveries Prose: North, South, East, West Writing Task: <b>Application to the School Principal</b>	

**परमाणु ऊर्जा शिक्षण संस्था**  
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**कक्षा /Class: VII**

**विषय/Subject: ENGLISH**

**पुस्तक का शीर्षक/Book Title: Poorvi**

December	16	Unit 4: Travel and Adventure Prose: The Tunnel Writing Task: <b>Descriptive Paragraph</b> Poem: Travel Writing Task : <b>Diamante Poem composition</b> Grammar : Editing a passage, Text based, Sentence reordering	
January 2027	22	Unit 4: Travel and Adventure Poem: Conquering the Summit Writing Task : <b>Formal Letter/Application to the Principal</b> Unit 5 Bravehearts Prose: A Homage to Our Brave Soldiers Writing Task : <b>Informal Letter</b> Grammar : Reported speech	Periodic Test 2 Unit-3
February	23	Unit 5 Bravehearts Poem: My Dear Soldiers Writing Task : Story writing, <b>A Letter of thanks/A Note of gratitude</b> Prose: Rani Abbakka Grammar : Reported speech (continue) Writing Task : <b>Conversation/Dialogue Writing</b>	
March	05	Revision of Term 2 Syllabus	Term 2 Examination Unit-3, 4 & 5

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

<b>Exam</b>	<b>Portion</b>
टर्म-I/अर्धवार्षिक के लिए पाठ्यक्रम (2026-27) Term-I/ Half Yearly Examination (2026-27)	Unit 1 & 2
टर्म -II/वार्षिक परीक्षा के लिए पाठ्यक्रम 2026-27/ Term-II/Annual Examination 2026-27	Unit-3, 4 & 5

**परमाणु ऊर्जा शिक्षण संस्था**  
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**कक्षा/Class: VII**

**विषय/Subject: हिन्दी**

**पुस्तक का शीर्षक/Book Title: मल्हार**

महीना	शैक्षणिक दिनों की संख्या	पढ़ाए जाने वाले यूनिट/पाठ/कवर किए जाने वाले भाग	लेखन एवं पाठानुसार व्याकरण	परीक्षा एवं परीक्षा का भाग
अप्रैल 2026	21	विलोम शब्द ,संज्ञा , सर्वनाम उपसर्ग, प्रत्यय		
मई	02	1. माँ, कह एक कहानी (कविता)	अनुच्छेद - देश-प्रेम	
जून	12	1. माँ, कह एक कहानी (कविता)	पत्र -अपने जन्मदिन पर बुलाने के लिए मित्र को पत्र	
जुलाई	26	2. तीन बुद्धिमान (लोककथा) 3. फूल और काँटा ( कविता)	खेल सामग्री मँगवाने हेतु प्रधानाचार्य को पत्र अपठित गद्यांश	प्रथम सामयिक परीक्षा मल्हार पाठ 1 एवं 2
अगस्त	22	4. पानी रे पानी (निबन्ध) विश्वेश्वरैया (केवल पढ़ने के लिए) 5. नहीं होना बीमार (कहानी)	अनुच्छेद -परिश्रम का महत्व	
सितंबर	20	5. नहीं होना बीमार (कहानी) (जारी) टर्म 1 के पाठ्यक्रम में संशोधन 6. गिरधर कविराय की कुंडलियाँ (कविता)	अपठित पद्यांश	अर्द्धवार्षिक परीक्षा हेतु व्याकरण और पाठ 1 से 5 तक
अक्टूबर	23/12	6. गिरधर कविराय की कुंडलियाँ (कविता) (जारी)	अपनी दिनचर्या बताते हुए पिताजी को पत्र	
नवंबर	12/23	7. वर्षा - बहार (कविता ) 8. बिरजू महाराज से साक्षात्कार	अनुच्छेद - विज्ञान के चमत्कार	
दिसंबर	16	8.बिरजू महाराज से साक्षात्कार (जारी) नृत्यांगना सुधा चंद्रन (केवल पढ़ने के लिए)	अपठित गद्यांश	
जनवरी 2027	22	9 . चिड़िया (कविता)	पुस्तक विक्रेता से पुस्तके मँगवाने हेतु पत्र अनुच्छेद - दीपावली	द्वितीय सामयिक परीक्षा पाठ 6 से 8
फरवरी	23	10 . मीरा के पद (पद) स्वामीभक्त समुख (केवल पढ़ने के लिए) विजयी विश्व तिरंगा प्यारा (केवल पढ़ने के लिए)	अपठित पद्यांश	
मार्च	05	पुनरावृत्ति एवं वार्षिक परीक्षा	व्याकरण - पाठ 6 से 10 तक पाठानुसार	वार्षिक परीक्षा (पाठ 6 से 10)

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

परीक्षा	भाग
टर्म-I/ अर्धवार्षिक (2026-27)	पाठ 1 से 5 तक
टर्म- II/वार्षिक परीक्षा (2026-27)	पाठ 6 से 10 तक

**परमाणु ऊर्जा शिक्षण संस्था**  
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**Month-wise Break-up of Syllabus for 2026-2027**

**कक्षा /Class: VII**

**विषय/Subject: MATHEMATICS**

**पुस्तक का शीर्षक/Book Title: GANIT PRAKASH**

	No. of scholastic days	Chapters/ Lessons/Units to be taught in that month	Examination & Portion for the Examination
April 2026	21	1. Large Numbers Around Us	
May	02	2.Arithmetic Expressions	
June	12	2. Arithmetic Expressions (contd.) 3. A Peek Beyond the Point	
July	26	3. A Peek Beyond the Point(contd.) 4. Expressions using Letter-Numbers 5. Parallel and Intersecting Lines	<b>Periodic Test – 1 Ch-1-2</b>
August	22	5. Parallel and Intersecting Lines(cont.) 6. Number Play 7. A Tale of Three Intersecting Lines	
September	20	8. Working with Fractions Revision for the half-yearly exam	<b>टर्म-I/अर्धवार्षिक के लिए पाठ्यक्रम (2026-27) Term-I/ Half Yearly Examination (2026-27) (Chapters: 1 to 8)</b>
October	23/12	1.Geometric twins 2. Operations with integers	
November	12/23	3.Finding common ground	
December	16	4.Another peek beyond the point 5. Connecting the Dots.....	
January (2027)	22	5.Connecting the Dots.....(contd.) 6. Constructions and Tilings	<b>Periodic Test – 2 Lessons from Part 2 Ch- 1-2-3</b>
February	23	.6. Constructions and Tilings(contd.) 7.Finding the Unknown Revision for annual exam	
March	05	Revision for annual exam	<b>Annual Examination ch-1-to-7(part 2)</b>

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

Exam	Portion
टर्म-I/अर्धवार्षिक के लिए पाठ्यक्रम (2026-27) Term-I/ Half Yearly Examination (2026-27)	Lessons 1 TO 8 Part- 1
टर्म- II/वार्षिक परीक्षा के लिए पाठ्यक्रम 2026-27/ Term-II/Annual Examination 2026-27	Lesson 1 to 7 Part -2

**परमाणु ऊर्जा शिक्षण संस्था**  
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**कक्षा/Class: VII**

**विषय/Subject: SCIENCE**

**पुस्तक का शीर्षक/Book Title: Curiosity**

Month	No. of scholastic days	Chapters/Lessons/Units to be taught in that month	Examination and Portion for the Examination
April 2026	21	1. The Ever – Evolving World of Science	
May	02	1. The Ever – Evolving World of Science (Contd...)	
June	12	1. The Ever – Evolving World of Science (Contd...)	
July	26	2. Exploring Substances: Acidic, Basic, and Neutral 3. Electricity: Circuits and their Components	Periodic Test – I
August	22	4. The World of Metals and Non-metals 5. Changes Around Us: Physical and Chemical	
September	20	Revision for Term I Examination 6. Adolescence: A Stage of Growth and Change	टर्म-I/अर्धवार्षिक के लिए पाठ्यक्रम (2026-27) Term-I/ Half Yearly Examination (2026-27) Chapters 1 to 5
October	23/12	6. Adolescence: A Stage of Growth and Change (contd...)	
November	12/23	7. Heat Transfer in Nature 8. Measurement of Time and Motion	
December	16	9. Life Processes in Animals	
January 2027	22	10. Life Processes in Plants 11. Light: Shadows and Reflections	Periodic Test – II Chapters 6 to 9
February	23	11. Light: Shadows and Reflections (contd...) 12. Earth, Moon, and the Sun	
March	05	Revision for Term II Examination	Annual Examination Chapters 6 to 12

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

Exam	Portion
टर्म-I/अर्धवार्षिक के लिए पाठ्यक्रम (2026-27) Term-I/ Half Yearly Examination (2026-27)	Chapters – 1 to 5
टर्म- II/वार्षिक परीक्षा के लिए पाठ्यक्रम 2026-27/ Term-II/Annual Examination 2026-27	Chapters – 6 to 12

**परमाणु ऊर्जा शिक्षण संस्था**  
**ATOMIC ENERGY EDUCATION SOCIETY**  
**2026-2027 के लिए पाठ्यक्रम का माहवार ब्यौरा**  
**Month-wise Break-up of Syllabus for 2026-2027**

**कक्षा/Class: VII**

**विषय /Subject: SOCIAL SCIENCE**

**पुस्तक का शीर्षक/Book Title: Exploring Society: India and Beyond Part 1**

No. of scholastic days	Month	Chapters to be taught in that Month	Exam and Portion for the Exam
April 2026	21	PART-1 1. Geographical Diversity of India 2. Understanding the Weather	
May	02	2. Understanding the Weather(contd.)	
June	12	3. Climates of India 4. New Beginnings: Cities and States	
July	26	5. The Rise of Empires 6. The Age of Reorganization 8. How the Land Becomes Sacred	<b>Periodic Test-1 (Chapters - 1 To 4)</b>
August	22	9. From the Rulers to the Ruled: Types of Governments 11. From Barter to Money 12. Understanding Markets	
September	20	<b>Revision for the half-yearly exam</b> (Part-1) 7. The Gupta Era: An Age of Tireless Creativity	<b>टर्म-I /अर्धवार्षिक के लिए पाठ्यक्रम (2026-27) Term-I/ Half Yearly Examination (2026-27) (Chapters - 1 To 6, 8 &amp;9 and 11&amp;12)</b>
October	23/12	(Part-1) 10. The Constitution of India- An Introduction PART-2 1. The Story of Indian Farming	
November	12/23	2. India and Her Neighbours 3. Empires and Kingdoms: 6th to 10th Centuries	
December	16	4. Turning Tides: 11th and 12th Centuries 5. India, a Home to Many	
January (2027)	22	6. The State, the Government, and You 7. Infrastructure: Engine of India's Development	<b>Periodic Test – 2 Ch 7&amp;10 (part 1), Ch 1 to 3 (part 2)</b>
February	23	8. Banks and the Magic of Finance	
March	05		<b>Annual Examination Ch 7&amp;10(part 1) Ch. 1 to 8 (part-2)</b>

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

Exam	Portion
टर्म-I /अर्धवार्षिक के लिए पाठ्यक्रम (2026-27) Term-I/ Half Yearly Examination (2026-27)	<b>Chapters - 1 To 6, 8 &amp; 9 and 11&amp;12</b>
टर्म- II/वार्षिक परीक्षा के लिए पाठ्यक्रम 2026-27/ Term-II/Annual Examination 2026-27	Part-1 Ch- 7&10, Part-2 Ch- 1 to 8.

**परमाणु ऊर्जा शिक्षण संस्था**  
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**कक्षा/Class: VIII**

**विषय/Subject: English**

**पुस्तक का शीर्षक/Book Title: Poorvi**

Month	No. of scholastic days	Units/Lessons to be taught/Portions to be covered	Examination and portion for the exam.
April 2026	21	Unit 1: <b>Wit and Wisdom</b> The Wit that Won Hearts A Concrete Example Wisdom Paves the Way  • Compound Words, Clauses, Intonation, Question Words, Poetic Devices, Noun Forms, Modal Verbs	
May	02	• Compound Words, Clauses, Intonation, Question Words, Poetic Devices, Noun Forms, Modal Verbs( <b>to be contd.</b> )	
June	12	• <b>Writing Tasks:</b> 1. Narrative Essay Writing 2. Notice Writing 3: Formal Letter writing  Unit 2: <b>Values and Dispositions</b> A Tale of Valour: Major Somnath Sharma and the Battle of Badgam	
July	26	Unit 2: <b>Values and Dispositions</b> A Tale of Valour: Major Somnath Sharma and the Battle of Badgam( <b>to be contd.</b> ) Somebody's Mother Vergheese Kurien—I Too Had A Dream	Periodic Test-1
August	22	Vergheese Kurien—I Too Had A Dream)( <b>to be contd.</b> )  • Verb Forms, Subject Verb Agreement, Rhyme scheme, Poetic Devices, Idioms, listening to news, Playing word Game-Antakshari, Punctuations, Prepositional Phrases  • <b>Writing Tasks:</b> 1: Formal Letter(letter of enquiry) 2: Diary Entry 3: Informal letter	
September	20	Revision of the Half-yearly exam Unit 3: <b>Mystery and Magic</b> The Case of the Fifth Word	Half-yearly exam

October	12	<p>The Case of the Fifth Word(<b>to be contd.</b>)</p> <ul style="list-style-type: none"> <li>Phrasal Verbs, Spoonerism, Reported Speech, Group Discussions</li> <li><b>Writing Task:</b> 1. Report Writing</li> </ul>	
November	23	<p>Unit 3: <b>Mystery and Magic</b></p> <p>The Magic Brush of Dreams Spectacular Wonders</p> <ul style="list-style-type: none"> <li>Solving Crossword Puzzle, Use of certain expressions, Intonation, Binomials, Participles and Gerund</li> <li><b>Writing Tasks:</b> 1. Imaginative Essay Writing 2. Descriptive Essay Writing</li> </ul>	
December	16	<p>Unit 4: <b>Environment (to be contd.)</b></p> <p>The Cherry Tree Harvest Hymn Taste Words</p> <ul style="list-style-type: none"> <li>Antonyms, Verb Forms, Punctuations, Syllable, Symbolism, Synonyms</li> <li><b>Writing Tasks:</b> 1 Article Writing 2. Creative Slogan writing</li> </ul>	
January 2027	22	<p>Unit 4: <b>Environment (to be contd.)</b></p> <p>Waiting for the Rain</p> <p>Unit 5: <b>Science and Curiosity</b></p> <p>Feathered Friend Magnifying Glass</p> <ul style="list-style-type: none"> <li>Solving crosswords, Homophones, Determiners, Tongue Twister, Merged Words, Tenses, Collective Nouns, Adjective Forms</li> <li><b>Writing Tasks:</b> 1. Formal letter 2. Article Writing 3. Dialogue Writing</li> </ul>	<p>Periodic Test 2 Unit 3</p>
February	23	<p>Unit 5: <b>Science and Curiosity(to be contd.)</b></p> <p>Bibha Chowdhuri: The Beam of Light that Lit the Path for Women in Indian Science</p> <ul style="list-style-type: none"> <li>Crossword Puzzle, Prefixes and Suffixes, Abbreviations, Passive Forms, Listening to Podcast, and Panel Discussion</li> <li><b>Writing Task:</b> 1. Report Writing</li> </ul> <p>And <b>Revision of Term 2 Syllabus</b></p>	
March	05	Revision of Term 2 Syllabus	<p>Term 2 Examination (Units – 3, 4 &amp; 5)</p>

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

Exam	Portion
टर्म-I/ अर्धवार्षिक के लिए पाठ्यक्रम(2026 -27) Syllabus for Term-I/ Half Yearly (2026 -27)	Units – 1 & 2
टर्म -II/वार्षिक परीक्षा के लिए पाठ्यक्रम 2026-27 Syllabus for Term-II/Annual Examination 2026-27	Units – 3, 4 & 5

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**कक्षा/Class: VIII**

**विषय/Subject: हिंदी**

**पुस्तक का शीर्षक/Book Title: मल्हार**

महीना	शैक्षणिक दिनों की संख्या	पढ़ाए जाने वाले यूनिट कवर/पाठ/ भाग वाले जाने किए	लेखन एवं पाठानुसार व्याकरण	परीक्षा एवं परीक्षा का भाग
अप्रैल 2026	21	1. स्वदेश (कविता) 2. दोगौरैया (कहानी)	अपठित काव्यांश व्याकरण पाठानुसार -	
मई	02		अनुच्छेद लेखन वसंत - ऋतु	
जून	12	3. एक आशीर्वाद (कविता)	पत्र पर जन्मदिन को मित्र - । पत्र निमंत्रण	
जुलाई	26	4. हरिद्वार (पत्र) 5. कबीर के दोहे	अपठित गद्यांश अनुच्छेद लेखन अनुशासन - । महत्व का	आवधिक परीक्षा -1 पाठ 3 से 1
अगस्त	22	<b>अर्धवार्षिक परीक्षा के लिए पुनरावृत्ति</b>	पत्र खेल - सामग्रीमँगवाने हेतु प्रधानाचार्य को पत्र	
सितंबर	20	कदम मिलाकर चलना होगा के पढ़ने) (लिए <b>अर्धवार्षिक परीक्षा के लिए पुनरावृत्ति</b>		अर्द्धवार्षिक परीक्षा- पाठ 1 से 5
अक्टूबर	23/12	6. एक टोकरी भर मिट्टी (कहानी)	अपठित काव्यांश व्याकरण पाठानुसार-	
नवंबर	12/23	7. मतबाँधो (कविता) 8. नए मेहमान (एकांकी)	अनुच्छेद लेखन सपनों मेरे- । भारत का अपठित गद्यांश	
दिसंबर	16	9. आदमी का अनुपात (कविता)	पत्र महत्व का समय - पत्र को अनुज हुए बताते	

जनवरी 2027	22	10. तरुण के स्वप्न (उद्बोधन) भारती, जय विजय करे (लिए के पढ़ने) <b>वार्षिक परीक्षा के लिए पुनरावृत्ति</b>		आवधिक परीक्षा-2 पाठ 6से 8
फरवरी	23	<b>वार्षिक परीक्षा के लिए पुनरावृत्ति</b>	अनुच्छेद लेखन कंप्यूटर - महत्वा का पत्र को अधिकारी स्वास्थ्य - पत्र शिकायती	
मार्च	05	<b>वार्षिक परीक्षा के लिए पुनरावृत्ति</b>		वार्षिक परीक्षा पाठ 6से 10

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

Exam	Portion
टर्म-I/ अर्धवार्षिक )2026-27) Term-I/ Half Yearly (2026-27)	मल्लहार पाठ 1से 5
टर्म -II/वार्षिक परीक्षा )2026-27) Term-II/Annual Examination (2026-27)	मल्लहार पाठ 6 से 10

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**कक्षा/Class: VIII**

**विषय/Subject: Mathematics**

**पुस्तक का शीर्षक/Book Title: Ganit Prakash (Part 1 & II)**

Month	No. of scholastic days	Chapters/ Lessons/Units to be taught in that month	Examination & Portion for the Examination
April 2026	21	1. A square and a cube 2. Power play	
May	02	3. A story of numbers	
June	12	A story of numbers(continued)	
July	26	4. Quadrilaterals 5. Number play	<b>Periodic Test – 1 (Ch: 1 to Ch: 3 Part-1)</b>
August	22	6. We Distribute, yet things multiply 7. Proportional Reasoning 1	
September	20	<b>Revision for the half-yearly exam</b> 1 .Fractions in Disguise	<b>Half-yearly Examination (Ch: 1 to Ch: 7 Part-1)</b>
October	23/12	2.The Baudhayana-Pythagoras Theorem	
November	12/23	3. Proportional Reasoning-2	
December	16	4. Exploring Some Geometric Themes	
January (2027)	22	5.Tales by Dots and Lines 6. Algebra Play	<b>Periodic Test – 2 (Ch-1 to 4 Part-II)</b>
February	23	7. Area Revision for Annual Examination	
March	05	Annual Examination	<b>Annual Examination (Ch-1 to 7 Part-II)</b>

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

Exam	Portion
टर्म-I /अर्धवार्षिक के लिए पाठ्यक्रम (2026-27) Term-I/ Half Yearly Examination (2026-27)	Ch-1 to 7-Part-I
टर्म -II/वार्षिक परीक्षा के लिए पाठ्यक्रम (2026-27)/ Term-II/Annual Examination (2026-27)	Ch-1 to 7-Part-II

**परमाणु ऊर्जा शिक्षण संस्था**  
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**कक्षा/Class: VIII**

**विषय/Subject: Science**

**पुस्तक का शीर्षक/Book Title: Curiosity**

No. of scholastic days	Month	Chapters/ Lessons/Units to be taught in that month	Examination & Portion for the Examination
21	April 2026	Ch. 1 - Exploring the Investigative World of Science Ch. 2 - The Invisible Living World: Beyond Our Naked Eye	
02	May	Ch. 3 - Health: The Ultimate Treasure	
12	June	Ch. 3 - Health: The Ultimate Treasure (Cont.)	
26	July	Ch. 4 - Electricity: Magnetic and Heating Effects Ch. 5 - Exploring Forces	Periodic Test – 1 (1, 2, 3 and 4)
22	August	Ch. 6 - Pressure, Winds, Storms, and Cyclones Ch. 7 - Particulate Nature of Matter	
20	September	Ch. 7 - Particulate Nature of Matter (Cont.) Revision for the Half-yearly exam	Half-yearly Examination. (Chapters 1, 2, 3, 4, 5, 6 and 7)
23/12	October	Ch. 8 - Nature of Matter: Elements, Compounds, and Mixtures	
12/23	November	Ch. 9 - The Amazing World of Solutes, Solvents and Solutions Ch. 10 - Light: Mirrors and Lenses	
16	December	Ch. 11 - Keeping Time with the Skies	
22	January 2027	Ch. 12 - How Nature Works in Harmony Ch. 13 - Our Home: Earth, a Unique Life Sustaining Planet	Periodic Test – 2 Chapters: 8, 9, 10 & 11)
23	February	Ch. 13 - Our Home: Earth, a Unique Life Sustaining Planet (cont.)	
05	March	Revision for the Annual Exam	Annual Examination (Chapters: 8, 9, 10, 11, 12 and 13)

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

Exam	Portion
टर्म-I/अर्धवार्षिक के लिए पाठ्यक्रम (2026-27) Term-I/ Half Yearly Examination (2026-27)	Chapters 1, 2, 3, 4, 5, 6 and 7
टर्म -II/वार्षिक परीक्षा के लिए पाठ्यक्रम (2026-27)/ Term-II/Annual Examination (2026-27)	Chapters: 8, 9, 10, 11, 12 and 13

**परमाणु ऊर्जा शिक्षण संस्था**  
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**कक्षा/Class: VIII**

**विषय/Subject: Social Science**

**पुस्तक का शीर्षक/Book Title: Exploring Society: India and Beyond (Part I)**

No. of scholastic days	Month	Chapters/Lessons/Units to be taught in that month	Examination & Portion for the Exam
21	April 2026	1. Natural Resources and Their Use 2. Reshaping India's Political Map	
02	May 2026	3. The Rise of The Marathas	
12	June	3. The Rise of The Marathas (Continued) 4. Natural Resources and Their Use	
26	July	5. Natural Resources and Their Use (Continued) 6. The Colonial Era in India	Periodic Test – 1 (Ch. 1 to 5 Part-I)
22	August	7. Universal Franchise and India's Electoral System 8. Factors of Production	
20	September	Revision- HYE	Term-1/Half-Yearly Exam- Ch. 1 to 8 Part-I
23/12	October	To be announced later	
12/23	November	To be announced later	
16	December	To be announced later	
22	January (2027)	To be announced later	Periodic Test –II (Portion to be announced later)
23	February	To be announced later	Annual Examination (Portion to be announced later)
05	March	Annual Examination	

**पाठ्यक्रम/Syllabus for Term I (Half Yearly)/ Term II (Annual) Exam**

Exam	Portion
टर्म-I /अर्ध वार्षिक के लिए पाठ्यक्रम (2026-27) Term-I/ Half Yearly Examination (2026-27)	Ch. 1 to 8-Part-I
टर्म- II/वार्षिक परीक्षा के लिए पाठ्यक्रम (2026-27)/ Term-II/Annual Examination (2026-27)	To be announced later

**ATOMIC ENERGY EDUCATION SOCIETY**

**Month-wise Breakup of Syllabus for 2026-27**

**Class: X**

**Subject: ENGLISH (101)**

Sr. No.	Month	No. of Working Days	Chapters/Lessons/Units To be taught in the month	Examination & Portion of Examination	Remarks
1	April	21	Lit: F1. Two Gentlemen of Verona P1. The Frog and The Nightingale MCB: Unit 1. Health and Medicine WB Unit 1. Determiners Unit 2 :Tenses		
2	May	02	Lit : P 2- Ozymandias		Summer Vacation
3	June	12	MCB Unit 2: Education WB Unit 3: Subject-Verb Agreement		
4	July	26	Lit F2: Mrs. Packletide's Tiger P3: The Rime of Ancient Mariner MCB Unit 3: Science WB Unit 4. Non-Finites Writing Formal letter (Order/Inquiry/Complaint)	PERIODIC TEST -1 PORTION APRIL TO JUNE	
5	August	22	Lit F3: The Letter P4: Not Marble, nor The Gilded Monuments Drama D1:The Dear Departed MCB: Unit 4: Environment WB Unit 5:Relatives Unit6: Connectors		
6	September	20	Lit F4: A Shady Plot MCB: Unit 5: Travel and Tourism WB Unit 7: Conditionals Unit 8: Comparison	PERIODIC TEST-2 PORTION APRIL TO SEPT. (Include D1)	
7	October	23/12	Lit F5: Patol Babu P5: Snake MCB Unit 6: National Integration WB Unit 9: Avoiding Repetitions		Mid-term break Group A
8	November	12/23	Lit F5: Virtually True WB Unit 10: Nominalization Unit 11: Modals Unit 12: Active and Passive		Mid-term break Group B
9	December	16	Lit D2: Julius Caesar WB Unit 13: Reported Speech Unit 14: Prepositions	<b>PERIODIC TEST-3/Pre-Board 1</b>	Winter Break
10	January 2027	22	Revision and Pre-Board 2		
11	February	12	Pre-Board 3 & Feedback	<b>Board Exam</b>	

**ATOMIC ENERGY EDUCATION SOCIETY**  
**Month-wise Breakup of Syllabus for 2026-27**

कक्षा/Class: X

विषय/Subject: हिन्दी

क्रम	महीना	कार्यदिवस	अध्याय/पाठ/माह में पढ़ाई गई इकाई	परीक्षा एवं परीक्षा के लिए अंश	टिप्पणी
1	अप्रैल	21	काव्य – 1. पद (सूरदास) गद्य - 7. नेताजी का चश्मा कृतिका – 1. माता का अंचल		
2	मई	02	व्याकरण – पद-परिचय		ग्रीष्मकालीन अवकाश
3	जून	12	काव्य – 2. राम-लक्ष्मण- परशुराम संवाद - लेखन औपचारिक / अनौपचारिक पत्र		
4	जुलाई	26	गद्य – 8. बालगोबिन भगत व्याकरण – वाच्य लेखन – अनुच्छेद – लेखन अपठित गद्यांश / पद्यांश	आवधिक परीक्षा – 1 अंश/भाग – अप्रैल से जून	
5	अगस्त	22	गद्य – 9. लखनवी अंदाज़ व्याकरण – रचना के आधार पर वाक्य भेद लेखन – विज्ञापन लेखन / संदेश लेखन कृतिका – 2. साना-साना हाथ जोड़ि		
6	सितंबर	20	काव्य – 3. आत्मकथ्य व्याकरण – अलंकार (श्लेष, उत्प्रेक्षा, अतिशयोक्ति, मानवीकरण) लेखन – ई-मेल लेखन / स्ववृत्त लेखन	आवधिक परीक्षा – 2 अंश/भाग – अप्रैल से सितंबर	
7	अक्टूबर	23/12	काव्य – 4. उत्साह, अट नहीं रही है 10. एक कहानी यह भी		मध्यावकाश वर्ग – A विद्यालय

8	नवंबर	12/23	काव्य – 5. यह दंतुरित मुस्कान, फ़सल कृतिका - 3. मैं क्यों लिखता हूँ?		मध्यावकाश वर्ग – B विद्यालय
9	दिसंबर	16	काव्य – 6. संगतकार गद्य – 11. नौबत खाने में इबादत गद्य – 12. संस्कृति	आवधिक परीक्षा – 3/ बोर्ड-पूर्व परीक्षा- 1	शीतकालीन अवकाश
10	जनवरी	22	पुनरावृत्ति	बोर्ड-पूर्व परीक्षा- 2	
11	फरवरी	23	पुनरावृत्ति	बोर्ड-पूर्व परीक्षा- 3	बोर्डपरीक्षा/वार्षिक परीक्षा
12	मार्च	05			

**ATOMIC ENERGY EDUCATION SOCIETY****Month-wise Breakup of Syllabus for 2026-27****Class:- X****Subject: - Mathematics**

SL NO.	Month	No.of Working Days	Chapters/Lessons/Units To be taught in the month	Examination & Portion of Examination	Remarks
1	April	21	Ch. 1 – Real Numbers Ch.2– Polynomials		
2	May	02			<b>Summer Vacation</b>
3	June	12	Ch.3–Pairs of Linear Equations in two variables		
4	July	26	Ch.4 –Quadratic Equations Ch.5 –Arithmetic Progressions	<b>PERIODIC TEST-1</b> Chapters- 1 to 3	
5	August	22	Ch.6 – Triangles Ch.7 – Co-ordinate Geometry		
6	September	20	Ch.8–Introduction to Trigonometry Ch.9–Applications of Trigonometry	<b>PERIODIC TEST-2</b> Chapters 1 to 7	
7	October	23/12	Ch.10 – Circles Ch.11 –Areas Related to Circles		Mid-termbreak, Group Group - A schools
8	November	12/23	Ch.11– Areas Related to Circles( Cont.) Ch.12– Surface Areas and Volumes		<b>Mid-term break</b> <b>Group B</b> <b>schools</b>
9	December	16	Ch.13 –Statistics Ch.14-Probability	PT-3/Pre-board 1	<b>Winter Break</b>
10	January	22	REVISION	<b>Pre-Board Exam 2</b> <b>Entire syllabus</b>	
11	February	23	Pre-Board 3 & Feedback	<b>Board Exam</b>	
12	March	05			

**ATOMIC ENERGY EDUCATION SOCIETY****Month-wise Breakup of Syllabus for 2026-27****Class: X****Subject: SCIENCE**

Sl. No.	Month	No. of Working Days	Chapters/Lessons/ Units To be taught in the month	Examination & Portion of Examination
1	April 2026	21	1. Chemical Reactions and Equations 5. Life Processes 9. Light- Reflection and Refraction	
2	May	02	2. Acids, Bases & Salts (Introduction) 5. Life Processes (contd) 9. Light- Reflection and Refraction (contd)	Summer Vacation
3	June	12	2. Acids, Bases and Salts (contd) 6. Control and Coordination 10. The Human Eye & the Colourful World	
4	July	26	2. Acid, Bases and Salts (contd) 6. Control and Coordination (contd) 10. The Human Eye & the Colourful World (contd)	Periodic Test-1 L1, L5 & L9
5	August	22	3. Metals and Non-metals 7. How do organisms Reproduce? 11. Electricity	
6	September	20	3. Metals and Non-metals (contd) 7. How do organisms Reproduce? (contd) 11. Electricity (contd)	Periodic Test-2 April to September
7	October	23/12	4. Carbon and its Compounds 8. Heredity 12. Magnetic Effects of Electric Current	Mid-term break Group A schools
8	November	12/23	4. Carbon and its Compounds 12. Magnetic Effects of Electric Current (contd) 13. Our Environment	Mid-term break Group B schools-
9	December	16		Winter Break PT-3/Pre-board 1
10	January 2027	22	Revision	Pre-board 2
11	February	23	Pre-Board 3 & Feedback	<b>Board Exam</b>
12	March	05		

Note: (i) This month-wise Splitup is based on the latest updated NCERT TEXT BOOKS.

ii) For Question paper design and typology of questions the **SAMPLE PAPER FOR 2025-26 (SCIENCE)** released by the CBSE BOARD should be referred which is available on [www.cbseacademic.nic.in](http://www.cbseacademic.nic.in).

**ATOMIC ENERGY EDUCATION SOCIETY**

**Month-wise Breakup of Syllabus for 2026-27**

**CLASS: X**

**SUBJECT: SOCIAL SCIENCE**

SL NO.	Month	No.of Working Days	Chapters/Lessons/Units To be taught in the month	Examination & Portion of Examination	Remarks
1	April	21	His 1-THE RISE OF NATIONALISM IN EUROPE Geo 1- RESOURCES AND DEVELOPMENT Eco1-DEVELOPMENT		
2	May	02	Demo Pol 1- POWER SHARING Geo 2- FOREST AND WILDLIFE RESOURCES		<b>Summer Vacation</b>
3	June	12			
4	July	26	His 2- NATIONALISM IN INDIA Geo 3-WATER RESOURCES Eco 2- SECTORS OF THE INDIAN ECONOMY	PERIODIC TEST- I PORTION APRIL TO JUNE	
5	August	22	Demo Pol 2-FEDERALISM Demo Pol 3- GENDER, RELIGION AND CASTE Geo 4- AGRICULTURE		
6	September	20	His 3-THE MAKING OF A GLOBAL WORLD (Sub Topic 1 to 3 (1.3)) Geo 5- MINERALS AND ENERGY RESOURCES	PERIODIC TEST-2 PORTION April to September	
7	October	23	Demo Pol 4 -POLITICAL PARTIES Eco 3-MONEY AND CREDIT His 4-THE AGE OF INDUSTRIALISATION Geo 6-MANUFACTURING INDUSTRIES		<b>Mid-term break Group A schools</b>

8	November	12	DemoPol5- OUTCOMESOFDEMOCRACY Eco 4 GLOBALIZATION AND THE INDIANECONOMY(INTER DISCIPLINARY PROJECT) His5- PRINTCULTUREANDTHE MODERNWORLD		<b>Mid-term break Group B schools-</b>
9	December	16	(INTER DISCIPLINARY PROJECT) Geo 7-LIFE LINES OF NATIONALECONOMY(ON LY MAP PORTION IN BOARD) Eco5-CONSUMER RIGHTS (PROJECT WORK)	Pre-Board 1/PT-3	<b>Winter Break</b>
10	January (2027)	22	Revision	Pre-Board 2	
11	February	23	Pre-Board 3 & Feedback	<b>Board Exam</b>	
12	March	05			

**ATOMIC ENERGY EDUCATION SOCIETY****Academic Session 2026-2027****Month-Wise Split-up Syllabus for Class XI****Class: XI****Subject: MATHEMATICS (041)**

Sr. No.	Month	**No. of working days	Unit/ Chapter/ Topics	Examination
1	June	10	1. Sets	
2	July	24	2. Relations & Functions 3. Trigonometric Functions	PT – I (Syllabus- Lessons - 1, 2 & 3)
3	August	22	4. Complex Numbers and Quadratic Equations 5. Linear Inequalities	
4	September	18	6. Permutations and Combinations 7. Binomial Theorem	PT – II/Half Yearly (Lessons 1 to 7)
5	October	20	8. Sequence and Series	
6	November	20	SUPPLEMENTARY MATERIAL (Chapter - 8) Infinite G.P. and its Sum 9. Straight Lines	
7	December	18	10. Conic Sections 11. Introduction to Three-dimensional Geometry	
8	January	21	12. Limits and Derivatives SUPPLEMENTARY MATERIAL (Chapter - 12) Limits Involving Exponential and Logarithmic Functions 13. Statistics	PT – III (Lessons - 8, 9, 10 & 11)
9	February	23	14. Probability Revision for Annual Exam - 2027	
10	March	---		Annual Exam

\*\* Number of working days are tentative.

**ATOMIC ENERGY EDUCATION SOCIETY**  
**Academic Session 2026-2027**  
**Month-Wise Split-up Syllabus for Class XI**  
**CLASS XI , SUBJECT- CHEMISTRY**

S. No.	Month	No. of working days	Chapters/Lessons/Unit to be taught in that month	Exam and Portion for the exam
1	June	10	<p><b><u>Unit I: Some Basic Concepts of Chemistry</u></b></p> <p>General Introduction: Importance and scope of Chemistry.</p> <p>Nature of matter, laws of chemical combination, Dalton's atomic theory: concept of elements, atoms and molecules.</p> <p>Atomic and molecular masses, mole concept and molar mass, percentage composition, empirical and molecular formula, chemical reactions, stoichiometry and calculations based on stoichiometry.</p>	<p>UNIT TEST 1 (august)</p> <p>Ch: 1,2</p> <p>HALF YEARLY EXAM (SEPTEMBER)</p>
2	July	24	<p><b><u>Unit II: Structure of Atom</u></b></p> <p>Discovery of Electron, Proton and Neutron, atomic number, isotopes and isobars.</p> <p>Thomson's model and its limitations. Rutherford's model and its limitations, Bohr's model and its limitations,</p> <p>Concept of shells and subshells, dual nature of matter and light, de Broglie's relationship, Heisenberg uncertainty principle, concept of orbitals, quantum numbers, shapes of s, p and d orbitals,</p> <p>Rules for filling electrons in orbitals - Aufbau principle, Pauli's exclusion principle and Hund's rule, Electronic configuration of atoms, stability of half-filled and completely filled orbitals.</p> <p><b><u>Unit III: Classification of Elements and Periodicity in Properties</u></b></p> <p>Significance of classification, brief history of the development of periodic table,</p>	<p>CH:1,2,3,4</p> <p>UNIT TEST 2 (JANUARY)</p> <p>CH :5,6,7</p> <p>PRE ANNUAL EXAM (FEBRUARY)</p> <p>COMPLETE SYLLABUS</p> <p>ANNUAL EXAM (MARCH)</p> <p>COMPLETE</p>

			SYLLABUS
3	August	22	<p><b><u>Unit III: Classification of Elements and Periodicity in Properties (CONTINUE)</u></b></p> <p>modern periodic law and the present form of periodic table, periodic trends in properties of elements -atomic radii, ionic radii, inert gas radii,</p> <p>Ionization enthalpy, electron gain enthalpy, electronegativity, valency. Nomenclature of elements with atomic number greater than 100.</p> <p><b><u>Unit IV: Chemical Bonding and Molecular Structure</u></b></p> <p>Valence electrons, ionic bond, covalent bond, bond parameters, Lewis's structure, polar character of covalent bond, covalent character of ionic bond, valence bond theory, resonance, geometry of covalent molecules,</p>
4	September	18	<p><b><u>Unit IV: Chemical Bonding and Molecular Structure (continue)</u></b></p> <p>VSEPR theory, concept of hybridization, involving s, p and d orbitals and shapes of some simple molecules, molecular orbital theory of homonuclear diatomic molecules (qualitative idea only), Hydrogen bond.</p>
5	October	20	<p><b><u>Unit V: Chemical Thermodynamics</u></b></p> <p>Concepts of System and types of systems, surroundings, work, heat, energy, extensive and intensive properties, state functions. First law of thermodynamics -internal energy and enthalpy, heat capacity and specific heat, measurement of <math>\Delta U</math> and <math>\Delta H</math>, Hess's law of constant heat summation, enthalpy of bond dissociation, combustion, formation, atomization, sublimation, phase transition, ionization, solution and dilution. Second law of Thermodynamics (brief introduction) Introduction of entropy as a state function, Gibb's energy change for spontaneous and non- spontaneous processes, criteria for equilibrium. Third law of thermodynamics (brief introduction).</p> <p><b><u>Unit VI: Equilibrium</u></b></p> <p>Equilibrium in physical and chemical processes, dynamic nature of equilibrium, law of mass action, equilibrium constant, factors affecting equilibrium - Le Chatelier's principle effect (with illustrative examples)</p>
6	November	20	<p><b><u>Unit VI: Equilibrium (continue)</u></b></p> <p>ionic equilibrium- ionization of acids and bases, strong and weak electrolytes, degree of ionization, ionization of poly basic acids, acid strength, concept of pH, hydrolysis of salts (elementary idea), buffer solution, Henderson Equation, solubility product, common ion</p>

			<p><b><u>Unit VII: Redox Reactions</u></b>  Concept of oxidation and reduction, redox reactions, oxidation number, balancing redox reactions, in terms of loss and gain of electrons and change in oxidation number, applications of redox reactions</p>
7	December	18	<p><b><u>Unit VII: Organic Chemistry -Some Basic Principles and Techniques</u></b>  General introduction, methods of purification, qualitative and quantitative analysis, classification and IUPAC nomenclature of organic compounds.  Electronic displacements in a covalent bond: inductive effect, electromeric effect, resonance and hyper conjugation. Homolytic and heterolytic fission of a covalent bond: free radicals, carbocations, carbanions, electrophiles and nucleophiles, types of organic reactions.</p>
8	January	22	<p><b><u>Unit IX: Hydrocarbons</u></b>  Classification of Hydrocarbons  Aliphatic Hydrocarbons: Alkanes - Nomenclature, isomerism, conformation (ethane only), physical properties, chemical reactions including free radical mechanism of halogenation, combustion and pyrolysis. Alkenes - Nomenclature, the structure of double bond (ethene), geometrical isomerism, physical properties, methods of preparation, chemical reactions: addition of hydrogen, halogen, water, hydrogen halides (Markovnikov's addition and peroxide effect), ozonolysis, oxidation, mechanism of electrophilic addition. Alkynes - Nomenclature, the structure of triple bond (ethyne), physical properties, methods of preparation, chemical reactions: acidic character of alkynes, addition reaction of - hydrogen, halogens, hydrogen halides and water.  Aromatic Hydrocarbons: Introduction, IUPAC nomenclature, benzene: resonance, aromaticity, chemical properties: mechanism of electrophilic substitution. Nitration, sulphonation, halogenation, Friedel Craft's alkylation and acylation, directive influence of the functional group in monosubstituted benzene. Carcinogenicity and toxicity.</p>
9	February	23	REVISION
10	March	23	SESSION ENDING EXAM

**MONTH-WISE SPLIT UP SYLLABUS 2026-27**  
**CLASS XI , SUBJECT- CHEMISTRY PRACTICAL**

MONTH		
JUNE, JULY	VOLUMETRIC ANALYSIS	To determine the strength of given sodium hydroxide solution using M/10 oxalic acid solution  To determine the strength and molarity of given hydrochloric solution using M/20 Sodium carbonate solution.
AUGUST, SEPTEMBER OCTOBER NOVEMBER	SALT ANALYSIS	Determination of one cation and one anion in a given salt Cation: $\text{Pb}^{+2}$ , $\text{Al}^{+3}$ , $\text{Ba}^{+2}$ , $\text{Sr}^{+2}$ , $\text{NH}_4^+$ , $\text{Ca}^{+2}$ Anion: $\text{CO}_3^{2-}$ , $\text{NO}_3^-$ , $\text{Cl}^-$ , $\text{SO}_4^{2-}$
DECEMBNER JANUARY	CONTENT BASED ANALYSIS	Experiments based on pH

**ATOMIC ENERGY EDUCATION SOCIETY**  
**Academic Session 2026-2027**  
**Month-Wise Split-up Syllabus for Class XI**  
**Subject: English Core**

Month	No. of working days	Hornbill	Snapshots	Writing skills Grammar	Remarks
May and June	8	Introduction and Syllabus, Question Paper Pattern  <b>Lesson 1:</b> The Portrait of a Lady by Khushwant Singh A Photograph (Poem) by Shirley Toulson		Classified Advertisements	
July	24	<b>Lesson 2:</b> We Are Not Afraid to Die ... If We All Can Be Together by Gordon Cook and Alan East  <b>Lesson 3:</b> The Laburnum Top (Poem) by Ted Hughes	<b>Lesson 1:</b> The Summer of the Beautiful White Horse by William Saroyan	Posters Notice Note Making & Summarizing Past Perfect Tense Clauses	Syllabus for PT-1 All lessons, poems and topics completed by July 2026
August	22	<b>Lesson 3:</b> Discovering Tut: The Saga Continues by A.R. Williams  Voice of the Rain (Poem) by Walt Whitman	<b>Lesson 2:</b> The Address by Marga Minco	Letter to the Editor Reordering of Sentences Tenses	
September	18	<b>Lesson 4:</b> The Ailing Planet: The Green Movement's Role by Nani Palkhivala	Revision for HY/PT-2	Advertisements Transformation of Sentences	Syllabus for HY/PT-2: All lessons, poems and topics completed by 31 August 2026
October	20	<b>Lesson 4:</b> Childhood (Poem) by Markus Natten	<b>Lesson 3:</b> Mother's Day by J.B. Priestley	Integrated Grammar Practice	
November	20	<b>Lesson 5:</b> The Adventure by Jayant Narlikar	<b>Lesson 4:</b> Birth by A.J. Cronin	Debate Writing Speech Writing IGP	

December	18	<b>Lesson 6:</b> Silk Road by Nick Middleton	<b>Lesson 5:</b> The Tale of Melon City by Vikram Seth	Reading Comprehension	
January	22	<b>Lesson 6:</b> Father to Son (Poem) by Elizabeth Jennings  Discussion & Debates on current issues  Revision for PT-3 ASL Project Work	Revision for PT-3 ASL Project Work	Article Writing Report Writing Debates on Contemporary issues	Syllabus for PT-3 All lessons, poems and topics completed in Sept, Oct, Nov & Dec 2026
February	23	ASL & Revision Viva	ASL & Revision Viva	Revision	
March	23	Annual Exams	Annual Exams	Annual Exams	

**ATOMIC ENERGY EDUCATION SOCIETY**  
**Academic Session 2026-2027**  
**Month-Wise Split-up Syllabus for Class XI**  
**CLASS XI , SUBJECT- PHYSICS**

CLASS XI			SUBJECT: PHYSICS (042)
SN	Month	No. of working days	Name of the chapter/topic to be covered
1	Jun	8	<u>UNIT –1</u> Physical world and Measurement (08 periods) Chapter– 1: Units and Measurements Section–A Experiment – 1
2	July	24	<u>UNIT–2</u> – Kinematics (24 periods) Chapter– 2 Motion in Straight line Chapter– 3 Motion in a Plane Section–A Experiment – 2 Experiment – 3, Activity –1,2 PT-1 UP TO JULY SYLLABUS
3	August	22	<u>UNIT– 3</u> – Laws of Motion (14 periods) Chapter– 4 Laws of motion <u>UNIT–4</u> Work, Energy and Power (14 periods) Chapter– 5 Work, Energy and Power Section–A Experiment – 4 Activity – 3
4	September	18	<u>UNIT– 5</u> Motion of System of Particles and Rigid Body (18 periods) Chapter– 6 System of Particles and Rotational Motion <u>UNIT– 6</u> – Gravitation (12 periods) Chapter– 7 Gravitation. ....Revision of all Experiments from Section A and Activities HALF YEARLY EXAMINATION UPTO SEPTEMBER SYLLABUS
5	October	20	<u>UNIT– 7</u> Properties of Bulk Matter (Total 24 periods) Chapter–8 Mechanical Properties of Solids Chapter– 9 Mechanical Properties of Fluids Section–B Experiment – 1 and 2, Activity 1 and 2

**ATOMIC ENERGY EDUCATION SOCIETY**  
**Academic Session 2026-2027**  
**Month-Wise Split-up Syllabus for Class XI**

**Class: XI**

**Subject: BIOLOGY**

Sr. No.	Month	No. of Working days	Chapters/Lessons/Unit to be taught in that month	Examination and Portion for the Exam
1	June	10	Ch. 1.The living world Ch. 2. Biological Classification SECTION B EXPTS: 1. Study of compound Microscope	
2	July	24	Ch.3.Plant kingdom Ch.4. Animal kingdom Ch.5. Morphology of Flowering plants. SECTION B EXPTS: 2 .Study of the specimens and identification with reasons- Bacteria,Oscillatoria,Spirogyra,Rhizopus,mushroom,yeast,liverwort,moss,fern,pine,one monocotyledonous plant, and one dicotyledonous plant and one lichen. 3. Study of specimens and identification with reasons- Amoeba,Hydra,Liverfluke,Ascaris,leech,earthworm,prawn,silkworm,honeybee,snail,starfish,shark,rohu,frog,lizard,pigeon and rabbit. 4. Study and identification of different types of inflorescence. SECTION A EXPTS: 5. Study and describe three locally available common flowering plants from each of the following families- Solanaceae including dissection and display of floral whorls and anther and ovary to show number of chambers. Types of root (Tap and Adventitious);Stem(Herbaceous and woody);Leaf(arrangement,shape,variation,simple and compound)	

3	August	22	<p>Ch.6. Anatomy of flowering plants. Ch.7. Structural organization in animals. Ch.8. Cell, the unit of life.</p> <p>SECTION A EXPTS:</p> <p>6. Preparation and study of T.S of dicot and monocot roots and stems (primary).</p>	<p>1. Unit Test 1 (August): <b>Chapters: 1, 2 and 3.</b></p>	
4	September	18	<p>Ch.9.Biomolecules. Ch.10. Cell cycle and Cell division.</p> <p>SECTION B EXPTS:</p> <p>7. Study of mitosis in onion root tips cells and animals cells (grasshopper)from permanent slides</p> <p>SECTION A EXPTS:</p> <p>8. Test for the presence of sugar, starch, proteins and fats. To detect them in suitable plant and animal materials.</p> <p>9.Study of osmosis by potato osmometer.</p> <p>10. Study of plasmolysis in epidermal peels (e.g. Rhoeo leaves)</p>		<p>2. Half Yearly Exam (September) <b>Chapters: 1, 2, 3, 4, 5, 6, 7, 8 and 9.</b></p>
5	October	20	<p>Ch.13. Photosynthesis.</p> <p>SECTION A EXPTS:</p> <p>11. Study of distribution of stomata in the upper and lower surface of leaves.</p> <p>12. Comparative study of the rates of transpiration in the upper and lower surface of leaves.</p>		
<b>Diwali break (10 days) Grp-A and Grp-B</b>					
6	November	20	<p>Ch.14. Respiration in plants. Ch.15. Plant growth and Development.</p> <p>SECTION A EXPTS:</p> <p>13. Separation of plant pigments through paper chromatography.</p> <p>14. To study the rate of respiration in flower buds/leaf tissue and germinating seeds.</p>		

7	December	18	Ch.17. Breathing and Exchange of gases. Ch.18. Body fluids and circulation. SECTION A EXPTS: 15. To test the presence of urea, sugar, albumin and bile salts in urine.	3. Unit Test 2 (January): <b>Chapters: 10, 13, 14 and 15.</b>
		<b>Winter Break (11 days) Grp-A and Grp-B</b>		
8	January	21	Ch.19. Excretory products and their elimination Ch.20. Locomotion and Movement. Ch.21. Neural Control and Coordination. SECTION A EXPTS: 16. Study of the human skeleton and different types of joints.	4. Pre-Annual Exam <b>Complete Syllabus</b>
9	February	23	Ch.22. Chemical coordination and Integration (Syllabus completion up to 2 <sup>nd</sup> week of Feb)  Revision	
10	March		Annual Exam (March) <b>Complete Syllabus</b>	

**ATOMIC ENERGY EDUCATION SOCIETY**  
**Academic Session 2026-2027**  
**Month-Wise Split-up Syllabus for Class XI**

**STD : XI**

**SUBJECT : COMPUTER SCIENCE PAPER (083)**

Month	No. of Working Days	Theory (70 Marks)	Practical (30 Marks)
June	10	<p><b>Unit 1: Computer Systems and Organization</b></p> <p>Basic computer organisation: Introduction to Computer System, hardware, software, input device, output device, CPU, memory (primary, cache and secondary), units of memory (bit, byte, KB, MB, GB, TB, PB)</p> <p>Types of software: System software (Operating systems, system utilities, device drivers), programming tools and language translators (assembler, compiler, and interpreter), application software.</p> <p>Operating System(OS): functions of the operating system, OS user interface.</p>	Practical assignment on MS-Office, computer organization and data representation
July	24	<p>Boolean logic: NOT, AND, OR, NAND, NOR, XOR, NOT, truth tables and De-Morgan's laws, Logic circuits.</p> <p>Number System: Binary, Octal, Decimal and Hexadecimal number system; conversion between number systems.</p> <p>Encoding Schemes: ASCII, ISCII, and Unicode (UTF8, UTF32)</p>	Practical assignment on logic gates, truth table and De Morgan's law.
Aug	22	<p><b>Unit 2: Computational Thinking and Programming - I</b></p> <p>Introduction to Problem-solving: Steps for Problem-solving (Analyzing the problem, developing an algorithm, coding, testing, and debugging), representation of algorithms using flowchart and pseudocode, decomposition.</p>	Algorithm and Flowchart
Sep	18	<p>Familiarization with the basics of Python programming: Introduction to Python, Features of Python, executing a simple "hello world" program, execution modes: interactive mode and script mode, Python character set, Python tokens( keyword, identifier, literal, operator, punctuator), variables, concept of l-value and r-value, use of comments.</p> <p>Knowledge of data types: Number(integer, floating point, complex), boolean, sequence(string, list, tuple), None, Mapping(dictionary), mutable and immutable data types.</p>	Python Programs with declaration and data types.
Oct	20	<p>Operators: arithmetic operators, relational operators, logical operators, assignment operators, augmented assignment operators, identity operators (is, is not), membership operators (in not in).</p> <p>Expressions, statement, type conversion, and input/output: precedence of operators, expression, evaluation of an expression, type-conversion (explicit and implicit conversion), accepting data as input from the console and displaying output.</p> <p>Introduction to Python modules: Importing module using 'import &lt;module&gt;' and using from statement, importing math module (pi, e, sqrt(), ceil(), floor(), pow(), fabs(), sin(), cos(), tan()); random module (random(), randint(), randrange()), statistics module (mean(), median(), mode()).</p>	Python Programs using Modules.

<b>Nov</b>	23	Flow of Control: introduction, use of indentation, sequential flow, conditional and iterative flow and their programs.	Python Programs using loop structures
<b>Dec</b>	18	<p>Strings: introduction, string operations (concatenation, repetition, membership and slicing), traversing a string using loops, built-in functions/methods–len(), capitalize(), title(), lower(), upper(), count(), find(), index(), endswith(), startswith(), isalnum(), isalpha(), isdigit(), islower(), isupper(), isspace(), lstrip(), rstrip(), strip(), replace(), join(), partition(), split().</p> <p>Lists: introduction, indexing, list operations (concatenation, repetition, membership and slicing), traversing a list using loops, built-in functions/methods–len(), list(), append(), extend(), insert(), count(), index(), remove(), pop(), reverse(), sort(), sorted(), min(), max(), sum(), nested lists, suggested programs: finding the maximum, minimum, mean of numeric values stored in a list; linear search on list of numbers and counting the frequency of elements in a list.</p> <p>Tuples: introduction, indexing, tuple operations (concatenation, repetition, membership and slicing); built-in functions/methods – len(), tuple(), count(), index(), sorted(), min(), max(), sum(); tuple assignment, nested tuple; suggested programs: finding the minimum, maximum, mean of values stored in a tuple; linear search on a tuple of numbers, counting the frequency of elements in a tuple.</p> <p>Dictionary: introduction, accessing items in a dictionary using keys, mutability of a dictionary (adding a new term, modifying an existing item), traversing a dictionary, built-in functions/methods – len(), dict(), keys(), values(), items(), get(), update(), del, clear(), fromkeys(), copy(), pop(), popitem(), setdefault(), max(), min(), sorted().</p>	<p>Python Programs using Strings</p> <p>Python Programs using Lists</p> <p>Python Programs using Tuples</p> <p>Python Programs using Dictionary</p>
<b>Jan</b>	21	<p><b>Unit 3: Society, Law and Ethics</b></p> <p>Digital Footprints Digital Society and Netizen: net etiquettes, communication etiquettes, social media Etiquettes Data Protection: Intellectual property rights (copyright, patent, trademark), violation of IPR (plagiarism, copyright infringement, trademark infringement), open source software and licensing (Creative Commons, GPL and Apache).</p> <p>Cyber Crime: definition, hacking, eavesdropping, phishing and fraud emails, ransomware, cyber trolls, cyber bullying Cyber safety: safely browsing the web, identity protection, confidentiality Malware: viruses, trojans, adware.</p> <p>E-waste management: proper disposal of used electronic gadgets.</p> <p>Information Technology Act (IT Act) .</p> <p>Technology and society: Gender and disability issues while teaching and using computers.</p>	Project Work
<b>Feb</b>	23	Revision, Practice Tests , Practical Examination	

**ATOMIC ENERGY EDUCATION SOCIETY****Academic Session 2026-2027****Month-Wise Split-up Syllabus for Class XII****Class: XII****Subject: MATHEMATICS (041)**

Sr. No.	Month	No. of working days.**	Unit/ Chapter/ Topics	Examination
1	April & May	24	1. Relations and Functions 2. Inverse Trigonometric Functions	
2	June	10	3. Matrices	
3	July	24	4. Determinants	PT – I (Syllabus- Lessons -1, 2, 3 & 4)
4	August	22	5. Continuity and Differentiability. 6. Application of Derivatives.	
5	September	18	7. Integrals 8. Application of Integrals	PT – II/Half Yearly (Lessons 1 to 7)
6	October	20	9. Differential Equations	
7	November	20	10. Vector Algebra 11. Three-Dimensional Geometry. 12. Linear Programming	
8	December	18	13. Probability	PRE-BOARD Exam.- I
9	January	21	Revision for PRE-BOARD Examination Activity Test	PRE-BOARD Exam.- II
10	February	23	Revision for Board Exam - 2027	BOARD EXAM
11	March	---		BOARD EXAM

\*\* Number of working days are tentative.

**ATOMIC ENERGY EDUCATION SOCIETY**  
**Academic Session 2026-2027**  
**Month-Wise Split-up Syllabus for Class XII**

**Class: XII**

**Subject: CHEMISTRY (043)**

Sr No	MONTH	No. of Teaching Days	UNIT/ CHAPTER/ LESSON NO.TAUGHT	NAME/ TITLE OF CHAPTER.	EXAMINATION AND PORTION FOR THE EXAM
1	APRIL & MAY	24	UNIT 1	<p><b>SOLUTIONS:</b></p> <p>1.1 Types of Solutions            1.2 Expressing Concentration of Solutions            1.3 Solubility            1.4 Vapour Pressure of Liquid Solutions            1.5 Ideal and Non-ideal Solutions            1.6 Colligative Properties and Determination of Molar Mass            1.7 Abnormal Molar Masses</p> <p><b>ELECTROCHEMISTRY:</b></p> <p>2.1 Electrochemical Cells            2.2 Galvanic Cells            2.3 Nernst Equation            2.4 Conductance of Electrolytic Solutions</p> <p>Practicals: Volumetric Analysis</p>	
2	JUNE	10	UNIT 2	<p><b>ELECTROCHEMISTRY:</b>            continued</p> <p>2.5 Electrolytic Cells and Electrolysis            2.6 Batteries            2.7 Fuel Cells            2.8 Corrosion</p> <p>Practicals:            Salt analysis</p>	
3	JULY	24	UNIT 3	<p><b>CHEMICAL KINETICS:</b></p> <p>3.1 Rate of a Chemical Reaction            3.2 Factors Influencing Rate of a Reaction            3.3 Integrated Rate Equations            3.4 Pseudo First Order Reaction            3.5 Temperature Dependence of the Rate of a Reaction            3.6 Collision Theory of Chemical Reactions</p>	PT 1

			UNIT 4	<p>D AND F BLOCK ELEMENTS:</p> <p>4.1 Position in the Periodic Table</p> <p>4.2 Electronic Configurations of the d-Block Elements</p> <p>4.3 General Properties of the Transition Elements (d-Block)</p> <p>4.4 Some important Compounds of Transition Elements</p> <p>4.5 The Lanthanoids</p> <p>4.6 The Actinoids</p> <p>4.7 Some Applications of d- and f-Block Elements</p> <p>Practicals:Salt analysis</p>
4	AUGUST	22	<p>UNIT 5</p> <p>CO ORDINATION CHEMISTRY:</p> <p>5.1 Werner's Theory of Coordination Compounds</p> <p>5.2 Definition of Some Important Terms Pertaining to Coordination Compounds</p> <p>5.3 Nomenclature of Coordination Compounds</p> <p>5.4 Isomerism in Coordination Compounds</p> <p>5.5 Bonding in Coordination Compounds</p> <p>5.6 Bonding in Metal Carbonyls</p> <p>5.7 Stability of Coordination Compounds</p> <p>5.8 Importance and Applications of Coordination Compounds</p> <p>UNIT 6</p> <p>HALOALKANES AND HALOARENES:</p> <p>6.1 Classification</p> <p>6.2 Nomenclature</p> <p>6.3 Nature of C–X Bond</p> <p>6.4 Methods of Preparation of Haloalkanes</p> <p>6.5 Preparation of Haloarenes</p> <p>6.6 Physical Properties</p> <p>6.7 Chemical Reactions</p> <p>6.8 Polyhalogen Compounds</p> <p>Practicals: salt analysis</p>	

5	SEPTEMBER	18	UNIT 7	<p>ALCOHOLS ,PHENOLS AND ETHERS:</p> <p>7.1 Classification 7.2 Nomenclature 7.3 Structures of Functional Groups 7.4 Alcohols and Phenols 7.5 Some Commercially Important Alcohols 7.6 Ethers</p> <p>Practicals: Content based experiments.</p>	PT-2( UNITS 1 to 6)
6	OCTOBER	20	UNIT 8	<p>ALDEHYDES ,KETONES AND CARBOXYLIC ACID:</p> <p>8.1 Nomenclature and Structure of Carbonyl Group 8.2 Preparation of Aldehydes and Ketones 8.3 Physical Properties 8.4 Chemical Reactions 8.5 Uses of Aldehydes and Ketones 8.6 Nomenclature and Structure of Carboxyl Group 8.7 Methods of Preparation of Carboxylic Acids 8.8 Physical Properties 8.9 Chemical Reactions 8.10 Uses of Carboxylic Acids.</p> <p>Practicals: Content based experiments</p>	
7	NOVEMBER	20	UNIT 9	<p>AMINES :</p> <p>9.1 Structure of Amines 9.2 Classification 9.3 Nomenclature 9.4 Preparation of Amines 9.5 Physical Properties 9.6 Chemical Reactions 9.7 Method of Preparation of Diazonium Salts 9.8 Physical Properties 9.9 Chemical Reactions 9.10 Importance of Diazonium Salts in Synthesis of Aromatic Compounds</p>	

			UNIT 10	BIOMOLECULES: 10.1 Carbohydrates 10.2 Proteins 10.3 Enzymes 10.4 Vitamins 10.5 Nucleic Acids 10.6 Hormones  Practicals: Investigatory projects	
8	DECEMBER	18		Revision and Confidence Tests	Pre board 1
9	January-27			Revision and Confidence Tests	Pre board 2

**ATOMIC ENERGY EDUCATION SOCIETY**  
**Academic Session 2026-2027**  
**Month-Wise Split-up Syllabus for Class XII**

**Class XII**

**Subject: English Core**

Month	Days	Flamingo	Vistas	Writing Skills	Remarks
April and May	24	Introduction and Syllabus, Question Paper Pattern  <b>Lesson 1:</b> The Last Lesson by Alphonse Daudet <b>Lesson 1:</b> My Mother at Sixty-Six (Poetry) by Kamala Das	<b>Lesson 1:</b> The Third Level by Jack Finney  <b>Lesson 2:</b> The Tiger King by Kalki	Notices	
June	10	<b>Lesson 2:</b> Lost Spring by Anees Jung <b>Lesson 2:</b> Keeping Quiet by Pablo Neruda (Poetry)		Letters to Editors	
July	24	<b>Lesson 3:</b> Deep Water by William Douglas  <b>Lesson 3:</b> A Thing of Beauty (Poem) by John Keats	<b>Lesson 3:</b> Journey to the End of the Earth by Tishani Doshi	Applications for Jobs with Biodata	Syllabus for PT-1 All lessons, poems and topics covered till July 2026.
August	22	<b>Lesson 4:</b> The Rattrap Selma Lagerlof  <b>Lesson 4:</b> A Roadside Stand (Poem)	<b>Lesson 4:</b> The Enemy by Pearl S. Buck	Article Writing on contemporary issues Report Writing	
September	18	<b>Lesson 5:</b> Indigo by Louis Fischer  <b>Lesson 5:</b> Aunt Jennifer's Tigers (Poetry) by Adrienne Rich	Revision for HY	Report Writing Invitations: Letter Type	Syllabus for HY All lessons, poems and topics completed till 31 August 2026
October	20	<b>Lesson 6:</b> Poets and Pancakes by Asokamitran	<b>Lesson 5:</b> On the Face of It by Susan Hill	Invitations (formal and informal)  Invitations: Letter Type Invitations: Card	

				Type	
November	23	<b>Lesson 7:</b> The Interview: Part I by Christopher Silvester  Part II An Interview by Umberto Eco	<b>Lesson 6:</b> Memories of Childhood – The Cutting of My Long Hair by Zitkala-Sa	Formal & Informal Replies to invitations  Applications for jobs	
December	18	<b>Lesson 8:</b> Going Places by A.R. Barton  Revision and First Pre-Board Examination	<b>Lesson 6:</b> Memories of Childhood – We Too are Human Beings by Bama  Revision and First Pre-Board Examination	CBSE Questions: Previous Years' Questions from CBSE Sample Papers	Syllabus for First Pre-Board: Complete Syllabus
January	22	Revision ASL Project Work	Revision ASL Project Work	Important Questions from CBSE Sample Papers	Syllabus for Second Pre-Board: Complete Syllabus
February	10	ASL & Revision	ASL & Revision	ASL & Revision Reading Comprehension	
March					

**ATOMIC ENERGY EDUCATION SOCIETY**

**Academic Session 2026-2027**

**CLASS XII**

**PHYSICS (042)**

SN	Month	No. of working days	Name of the chapter/topic to be covered
1	April & May	24	<b>UNIT-1:</b> Electrostatics (26 periods) Chapter-1: Electric Charges and Fields Chapter-2: Electrostatic Potential and Capacitance <b>PRACTICALS: SECTION A</b> <b>EXPT 1:</b> To determine resistivity of two / three wires by plotting a graph for potential difference versus current. <b>EXPT 2.</b> To find resistance of a given wire / standard resistor using metre bridge.
			Unit II: Current Electricity (8 periods)
			Chapter-3: Current Electricity
2	June	10	<b>PRACTICALS: SECTION-A</b> EXPT 3: To verify the laws of combination (series) of resistances using a metre bridge. OR To verify the laws of combination (parallel) of resistances using a metre bridge
3	July	24	<b>Unit III:</b> Magnetic Effects of Current and Magnetism (25 periods)
			Chapter-4: Moving Charges and Magnetism
			Chapter-5: Magnetism and Matter
			EXPT-4 To determine resistance of a galvanometer by half-deflection method and to find its figure of merit.
			<b>PT-1 UP TO JULY SYLLABUS</b>

4	August	22	<b>Unit IV:</b> Electromagnetic Induction and Alternating Currents (24 periods)
			Chapter-6: Electromagnetic Induction
			Chapter-7: Alternating Current ACTIVITIES 1 TO 3 SECTION A
			<b>SECTION-B</b> EXPT-1 To find the focal length of a convex lens by plotting graphs between u and v or between 1/u and 1/v. EXPT-2 To determine refractive index of a glass slab using a travelling microscope.
			SECTION-B ACTIVITY-1
			<b>Unit V:</b> Electromagnetic Waves (4 periods)
			Chapter-8: Electromagnetic Waves
5	September	18	<b>Unit VI:</b> Optics (30 periods)
			Chapter-9: Ray Optics and Optical Instruments (20 periods)
			SECTION-B EXPT-3 To find the refractive index of a liquid using convex lens and plane mirror. <i>HALF YEARLY EXAMINATION UP TO SEPTEMBER SYLLABUS</i>
6	October	20	Chapter-10: Chapter-10: Wave Optics (10 periods)
			<b>Unit VII:</b> Dual Nature of Radiation and Matter (8 periods)
			Chapter-11: Dual Nature of Radiation and Matter
			SECTION-B EXPT-4 To draw the I-V characteristic curve for a p-n junction diode in forward and reverse bias.
			SECTION B- ACTIVITY-3
7	November	20	<b>Unit VIII:</b> Atoms and Nuclei (15 periods)
			Chapter-13: Nuclei (8 periods)
			Chapter-14: Semiconductor Electronics (10 Periods) Materials, Devices, and Simple Circuits
8	December	18	Revision and First Confidence Examination
9	January	22	Remedial Classes, Second Confidence Examination Pre-Board Practical Examination And Board Practical Examination
10	February	10	Remedial Classes CBSE EXAMINATION 2027

**ATOMIC ENERGY EDUCATION SOCIETY**  
**Academic Session 2026-2027**  
**Month-Wise Split-up Syllabus for Class XII**

**Class: XII**

**Subject: Biology (044)**

S NO.	MONTH	NO. OF WORKING DAYS	CHAPTERS & PRACTICALS TO BE TAUGHT	EXAMINATION AND PORTION FOR THE EXAM
1	April & May	24	Chapter-2: Sexual Reproduction in Flowering Plants Chapter-3: Human Reproduction  Chapter-4: Reproductive Health  <b>SECTION B EXPTS:</b>  1. Flowers adapted to pollination by different agencies (wind, insects, birds).  2. Pollen germination on stigma through a permanent slide.  3. Identification of stages of gamete development, i.e., T.S. of testis and T.S. of ovary through permanent slides (from grasshopper/mice).  4. Meiosis in onion bud cell or grasshopper testis through permanent slides.  5. T.S. of blastula through permanent slides (Mammalian).  <b>SECTION A EXPT:</b>  6. Study pollen germination on a slide.	-
2	June	10	Chapter-5: Principles of Inheritance and Variation  <b>SECTION B EXPTS:</b>  7. Mendelian inheritance using seeds of different colour/sizes of any plant.  8. Prepared pedigree charts of any one	-

			of the genetic traits such as rolling of tongue, blood groups, ear lobes, widow's peak and colour blindness.	
3	July	24	<p>Chapter-6: Molecular Basis of Inheritance</p> <p>Chapter-7: Evolution</p> <p>SECTION A EXPT:</p> <p>9. Prepare a temporary mount of onion root tip to study mitosis.</p> <p>10. Isolate DNA from available plant material such as spinach, green pea seeds, papaya, etc.</p>	<p><b>UT-01</b></p> <p><b>(UP TO THE CHAPTER-04)</b></p>
4	August	22	<p>Chapter-8: Human Health and Diseases</p> <p>Chapter-10: Microbes in Human Welfare</p> <p>SECTION B EXPTS:</p> <p>11. Common disease causing organisms like <i>Ascaris</i>, <i>Entamoeba</i>, <i>Plasmodium</i>, any fungus causing ringworm through permanent slides, models or virtual images or specimens. Comment on symptoms of diseases that they cause.</p> <p>12. Controlled pollination - emasculation, tagging and bagging.</p>	
5	September	18	<p><b>Half Yearly</b></p> <p>Chapter-11: Biotechnology - Principles and Processes</p> <p>Chapter-12: Biotechnology and its Applications</p> <p>SECTION B EXPTS:</p> <p>13. Models specimen showing symbiotic association in root nodules of leguminous plants, <i>Cuscuta</i> on host, lichens.</p>	<p><b>Half Yearly</b></p> <p><b>(UP TO THE CHAPTER-10)</b></p>

6	October	20	Chapter-13: Organisms and Populations	
			SECTION A EXPTS: 14. Study the plant population density by quadrat method. 15. Study the plant population frequency by quadrat method.	
<b>Diwali break (10 days) Grp-A and Grp-B</b>				
7	November	20	Chapter-14: Ecosystem Chapter-15: Biodiversity and its Conservation	
			SECTION B EXPTS: 16. Models specimen showing symbiotic association in root modules of leguminous plants, Cuscuta on host, lichens. 17. Flash cards models showing examples of homologous and analogous organs.	
8	December	18		Revision and Confidence Tests <b>(Full Syllabus)</b>
			<b>Winter Break (11 days) Grp-A and Grp-B</b>	
9	January-2027			Revision and Confidence Tests <b>(Full Syllabus)</b>
10	Feb-2027	<b>Board Examination</b>		

**ATOMIC ENERGY EDUCATION SOCIETY**

**Academic Session 2026-2027**

**Month-Wise Split-up Syllabus for Class XII**

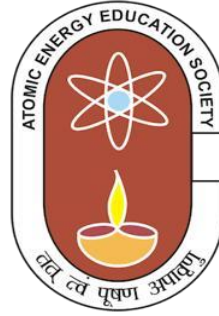
**STD : XII**

**SUBJECT : COMPUTER SCIENCE PAPER (083)**

<b>Month</b>	<b>No.of Working Days</b>	<b>Theory (70 Marks)</b>	<b>Practical (30 Marks)</b>
April & May	24	<p><b>Unit 1: Computational Thinking and Programming - 2</b></p> <p>Revision of Python topics covered in Class XI.</p> <p>Functions: types of function (built-in functions, functions defined in module, user defined functions), creating user defined function, arguments and parameters, default parameters, positional parameters, function returning value(s), flow of execution, scope of a variable (global scope, local scope)</p> <p>Introduction to files, types of files (Text file, Binary file, CSV file), relative and absolute paths.</p>	Python Programs using Functions
June	10	<p>Text file: opening a text file, text file open modes (r, r+, w, w+, a, a+), closing a text file, opening a file using with clause, writing/appending data to a text file using write() and writelines(), reading from a text file using read(), readline() and readlines(), seek and tell methods, manipulation of data in a text file.</p>	Python Programs using Text files
July	24	<p>Binary file: basic operations on a binary file: open using file open modes (rb, rb+, wb, wb+, ab, ab+), close a binary file, import pickle module, dump() and load() method, read, write/create, search, append and update operations in a binary file.</p> <p>Exception Handling: Introduction, handling exceptions using try-except-finally Blocks.</p>	Python Programs using Binary files with try and except errors
Aug	22	<p>CSV file: import csv module, open / close csv file, write into a csv file using writer(),writerow(),writerows() and read from a csv file using reader()</p> <p>Data Structure: Stack, operations on stack (push &amp; pop), implementation of stack using list.</p>	Python Programs using CSV files and Stacks

Sep	18	<p><b>Unit 3: Database Management</b></p> <p>Database concepts: introduction to database concepts and its need</p> <p>Relational data model: relation, attribute, tuple, domain, degree, cardinality, keys (candidate key, primary key, alternate key, foreign key)</p> <p>Structured Query Language: introduction, Data Definition Language and Data Manipulation Language, data type (char(n), varchar(n), int, float, date), constraints (not null, unique, primary key), create database, use database, show databases, drop database, show tables, create table, describe table, alter table (add and remove an attribute, add and remove primary key), drop table, insert, delete, select, operators (mathematical, relational and logical), aliasing, distinct clause, where clause, in, between, order by, meaning of null, is null, is not null, like, update command, delete command, aggregate functions (max, min, avg, sum, count), group by, having clause, joins: cartesian product on two tables, equi-join and natural joins.</p>	SQL commands of Create, Alter, Update, Insert into
Oct	20	<p>Interface of python with an SQL database: connecting SQL with Python, performing insert, update, delete queries using cursor, display data by using connect(), cursor(), execute(), commit(), fetchone(), fetchall(), rowcount, creating database connectivity applications, use of %s format specifier or format() to perform queries.</p>	SQL commands of simple queries, having, group by and Joins.
Nov	23	<p><b>Unit 2: Computer Networks</b></p> <p>Evolution of networking: introduction to computer networks, evolution of networking (ARPANET, NSFNET, INTERNET)</p> <p>Data communication terminologies: concept of communication, components of data communication (sender, receiver, message, communication media, protocols), measuring capacity of communication media (bandwidth, data transfer rate), IP address, switching techniques (Circuit switching, Packet switching)</p> <p>Transmission media: Wired communication media (Twisted pair cable, Co-axial cable, Fiber-optic cable), Wireless media (Radio waves, Micro waves, Infrared waves)</p> <p>Network devices (Modem, Ethernet card, RJ45, Repeater,</p>	Project work

		<p>Hub, Switch, Router, Gateway, WIFI card)</p> <p>Network topologies and Network types: types of networks (PAN, LAN, MAN,WAN), networking topologies (Bus, Star, Tree)</p> <p>Network protocol: HTTP, FTP, PPP, SMTP, TCP/IP, POP3, HTTPS, TELNET,VoIP</p> <p>Introduction to web services: WWW, Hyper Text Markup Language (HTML), Extensible Markup Language (XML), domain names, URL, website,</p> <p>web browser, web servers, web hosting.</p>	
Dec	18	Revision, Project Work & Pre-Board Examination-1	
Jan	21	Pre-Board Examination-2 & AISSCE Board Practical Examination.	



# **Blue Print for the Academic Year (2026-27)**

**For**

**Classes: III to VIII**



**ATOMIC ENERGY EDUCATION SOCIETY, MUMBAI**  
**BLUE PRINT FOR HALF YEARLY/ANNUAL EXAM 2026-27**

**CLASS:-III**  
**MARKS: 80**

**SUBJECT:ENGLISH/HINDI**  
**TIME :03 HOURS**

Competency wise marks	Questions	Description	Type of questions allotted	TOTAL MARKS	TOTAL
Reading 20	3 Comprehension Passages	Two passages from the text.  One unseen passage. Word Limit: ClassIII:50words	5 VSA Questions for Each passage.  10 VSA Questions for unseen passage.	5x1 5x1 10x1	5 5 10
Textual Questions 10	5forpoetry & 5forprose	From the reader	VSA-1, SA-4 (for poetry & prose each)	2x1 4x2	2 8
Creative Writing-10	2 (One guided+ One open)	1 Based on lessons and 1 general topic	2LA	2X5	10
Grammar 15	15	Based on Grammar aspects covered in the Lessons	15VSA	15x1	15
Vocabulary 10	10	Based on English Language words: Give one word Suffix/Prefix, Synonyms/Antonyms etc	10VSA	10x1	10
Spellings 10	10	Varieties of questions for testing spelling aspects word correction, jumbled words etc.	10VSA	10x1	10
Handwriting 5	Value based passage to copy.				5
GRANDTOTAL					80

**Notes: Word Limit**

- a) VSA (Very Short Answer–1 mark each) one word to one sentence. VSA can contain MCQs to an extent of 75% of weightage in marks. SA (Short Answer- 2 marks each) – Class III : 10 words.
- b) LA (LongAnswer–5Markseach)–ClassIII:50words.

**Note:**

- i. Under reading comprehension for each passage 3 could be direct questions and 2 could be related to vocabulary like synonyms and antonyms, etc.,
- ii. For unseen passage there could be direct questions like question and answers/True or False/ event recording, etc.,
- iii. Include four ruled lines below the passage in the question paper for hand writing section.



# ATOMIC ENERGY EDUCATION SOCIETY, MUMBAI

## BLUE PRINT FOR HALF YEARLY/ANNUAL EXAM 2026-27

**CLASS:-IV&V**

**MARKS: 80**

**SUBJECT: ENGLISH/HINDI**

**TIME: 03HOURS**

Competency wise marks	Questions	Description	Type of questions allotted	TOTAL MARKS	TOTAL
Reading 20	3 Comprehension Passages	Two passages from the text.	5 VSA Questions for Each passage from the text.	5x1	5
		One unseen passage. Word Limit: Class IV:75words ClassV:100words	10 VSA Questions for unseen passage.	5x1	5
				10x1	10
Textual Questions 10	5forpoetry & 5forprose	From the reader	VSA-1, SA-4 (for poetry & prose each)	2x1 4x2	2 8
Creative Writing-10	2 (One guided+ One open)	1Basedonlessons and 1generaltopic	2LA	2X5	10
Grammar 15	15	Based on Grammar aspects covered in the lessons	15VSA	15x1	15
Vocabulary 10	10	Based on English Language words: Give one word Suffix/Prefix, Synonyms/Antonyms etc	10VSA	10x1	10
Spellings 10	10	Varieties of questions for testing spelling aspects word correction, jumbled Words etc.	10VSA	10x1	10
Handwriting 5	Value based passage to copy in cursive handwriting.				5
GRANDTOTAL					80

### Notes : Word Limit

a) VSA (Very Short Answer– 1markeach) one word to one sentence.VSA can contain MCQs to an extent of 75% of weightage in marks.  
SA (ShortAnswer-2markseach)–ClassIV: 10words, ClassV:20words.

b) LA( LongAnswer–5Markseach)–Class-IV: 75words&ClassV:75 - 100words.

### Note:

- Under reading comprehension for each passage 3 could be direct questions and 2could be related to vocabulary like synonym and antonym.
- For unseen passage there could be 8 direct questions like question and answers/True or False/event recording, etc., and 2 vocabulary

**ATOMIC ENERGY EDUCATION SOCIETY, MUMBAI****BLUE PRINT FOR HALF YEARLY/ANNUAL EXAM 2026-27****CLASS:-III, IV &V****SUBJECT: MATHEMATICS****MARKS: 80****TIME: 03 HOURS**

Competency Wise Weightage	Source of Questions	Type of Questions	No. of Questions	Marks Allotted to each Question	Total Marks	
Concept: a) Knowledge(20)	Based on Knowledge	VSA	06	01	06	
		SA	05	02	10	
		LA	01	04	04	
	b) Understanding(20)	Understanding of basic concepts	VSA	06	01	06
			SA	05	02	10
			LA	01	04	04
Ability to compute (Procedures and Operations) (20)	Based on child's ability to make quick and correct calculations.	VSA	04	01	04	
		SA	06	02	12	
		LA	01	04	04	
Problem Solving Ability (20)	Based on child's ability to solve day to day problems	VSA	04	01	04	
		SA	06	02	12	
		LA	01	04	04	

Note:

VSA can contain MCQs to an extent of 75% of weightage in marks.

- VSA (Very Short Answer– 1markeach) one word to one sentence. VSA can contain MCQs to an extent of 75% of weightage in marks.
- SA(Short Answer)-It carries 02 marks.
- LA(Long Answer)-It carries 04 marks.



# ATOMIC ENERGY EDUCATION SOCIETY, MUMBAI

## BLUEPRINT FOR HALFYEARLY/ ANNUAL EXAM 2026-27

**Class-III, IV and V**

**SUBJECT : EVS**

**Marks: 80**

**Time-3hours**

Competency Wise Weightage	Sources of Questions	Type of Questions	No. of Questions	Marks allotted to each Question	Total Marks
Observation and Reporting (30)	Based on pictures, tables, diagrams, reporting and narrating an event or process	VSA SA	15	01	15
		LA	05	02	10
			01	05	05
Identification and Classification (25)	Identifying group of objects, similarities, differences, classification	VSA SA	10	01	10
		LA	05	02	10
			01	05	05
Discovery of Facts (25)	Map pointing, data analysis, drawing and Labeling etc.	VSA SA	10	01	10
		LA	05	02	10
			01	05	05

**NOTE: WORD LIMIT**

VSA(Very Short Answer-1 Mark each)-One word to one sentence SA(Short Answer-2 Marks each)-Class III / IV:10Words;ClassV:20Words  
LA(Long Answer-5 Marks each)-ClassIII:50Words; Class IV:75 Words; Class V: 75- 100 Words

<b>Types of questions in EVS</b>	<b>Types of questions in EVS</b>
Based on pictures(Fill in the Blanks/questioning)(1 marks) Labelling the parts of the diagram given.(each labeling 1mark) Reading the given map.(2marks) Writing the procedures/steps for any experiment or activity by observing the picture.(5marks) Match Part A with Part B.(1mark each) MCQs(1 mark each) Pick the odd one.(1 mark each) Write the differences/similarities.(2 marks) Classify under the given headings(with options given).(2 marks)	Choose the correct answers and fill in the blanks.(1 mark each) Give one word.(1mark each) Questions and answers(2 marks or 5marks) Give reasons(2 marks each) Give examples (1 mark each) Draw and label the parts (5 marks) Locating on the map (5marks).  Note: VSA can contain MCQs to an extent of 75% of weightage in marks.



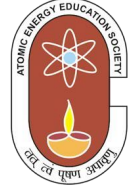
**ATOMIC ENERGY EDUCATION SOCIETY, MUMBAI ACADMEIC YEAR 2026-27**

Marks: 80

**BLUE PRINT AS PER CBSE PATTERN CLASSES: VI, VII AND VIII ENGLISH**

Time-3hours

Sl. No.	Competency Wise Marks		VSA	SA	LA	VLA	Total	Final Total
1	Reading (20)	1. Comprehension	8(1M)				8	
		2. Comprehension	4(1M)	4(2M)			12	20
2	Writing(20)	A composition up to 40 to 50 words in the form of a notice or message, Bio-Sketch (Short Composition)		1(5M)			5	
		composition up to 100 words in the form of paragraph, writing letter, Article, Speech, E-mail (Long Composition)			1(7M)		7	
		writing task of length up to 120 words in the form of story writing based on verbal stimulus or guided composition				1(8M)	8	20
3	Grammar(15)	Editing/Omission,	6(1/2M)				3	
		Antonyms/Synonyms, prefixes, suffixes, verbal form and Fill in the blanks(Textual Exercises)		4(1M)			4	
		Sentence Reordering		4(1M)			4	
		Dialogue completion, direct or indirect		4(1M)			4	15
4	Literature (25)	An extract from poetry with four question based on reference to context	4(1M)				4	
		An extract from a prose with reference context question	4(1M)				4	
		Main Reader (30to40word)		4(2M)			8	
		Supplementary Reader(30to40words)		2(2M)			4	
		Value based questions			1(5M)		5	25
		<b>Grand Total</b>						<b>80</b>
		Note : Reading (20M) , Writing (20M) Grammar (15M) and Literature (25)						



## HINDI-2<sup>ND</sup> LANGUAGE

प्रश्नपत्र का प्रारूप (Blue Print)

विषय: हिंदी (तृतीय भाषा)

कक्षा : 6 to 8

समय:3 घंटे

पूर्णांक :80

खंड	विभाग	प्रश्नों का प्रकार	प्रश्नों की संख्या	अंक	कुलअंक
क	वचन कौशल				
	एकअपठित गद्यांश (100-150 शब्द)	बहुविकल्पीय	7	1	7
	एकअपठित काव्यांश (100-150 शब्द)	बहुविकल्पीय	7	1	7
ख	व्यावहारिक व्याकरण				
	पाठो पर आधारित व्याकरण	बहुविकल्पीय	16	1	16
ग	पाठ्य पुस्तकीय प्रश्न				
	पठित गद्यांश आधारित लघु प्रश्न	लघुउत्तरीय	3	2	6
	गद्य पाठ पर आधारित प्रश्न	लघुउत्तरीय	4	2	8
	पठित काव्यांश पर आधारित लघु प्रश्न	लघुउत्तरीय	3	2	6
	पद्य पाठो पर आधारित प्रश्न	लघुउत्तरीय	3	2	6
	पूरक पुस्तक पर आधारित प्रश्न	लघुउत्तरीय	3	2	6
	मूल्य परक प्रश्न	दीघघउत्तरीय	2	4	8
	घ	लेखन कौशल			
औपचारिक / अनौपचारिक में से किसी एक विषय पर पत्र लेखन		निबंधात्मक	1	5	5
किसी एक विषय पर अनुच्छेद लेखन		निबंधात्मक	1	5	5
		कुल प्रश्न	50	कुलअंक	80



## HINDI-3<sup>rd</sup> LANGUAGE

प्रश्न पत्र का प्रारूप (Blue Print)

विषय: हिंदी (तृतीय भाषा)

कक्षा : 6 to 8

समय:90 मिनट

पूर्णांक : 40

प्रश्न क्रमांक	प्रश्न का प्रारूप	कुल अंक
1.	पठित गद्यांश पर आधारित प्रश्न	1x 5=5 अंक
2.	पठित पद्यांश पर आधारित प्रश्न	1x 5=5अंक
3.	पाठ्यपुस्तकीय पाठों पर आधारित प्रश्न (10 प्रश्नों मेंसे 7 प्रश्नों के उत्तर लिखने है )	2x7=14अंक
4.	व्याकरण आधारित प्रश्न	1x16=16अंक
	कुलअंक	40

**SANSKRIT-3<sup>RD</sup> LANGUAGE**

विषय –संस्कृत

कक्षा-6, 7और 8

प्रश्नसंख्या	प्रश्न का प्रारूप	कुल अंक (40)
1	पठित गद्यांश पर आधारित 4 प्रश्न	1X4=4अंक
2	दिए गए गद्यांश का हिंदी अनुवाद । ( दो में से एक का)	4 अंक
3	दिए गए श्लोक का हिंदी अनुवाद ।(दो में से एक का)	2 अंक
4	पाठ्यपुस्तक का कोई श्लोक(जो प्रश्न पत्र में नहीं हो ) अर्थ सहित लिखना ।	2+2=4अंक
5	पाठ्यपुस्तक पर आधारित व्याकरण	12अंक
6	एक पद में उत्तर।(सात में से पांच )	1X5=5अंक
7	पूर्ण वाक्य में उत्तर( छः में से चार)	1X4=4अंक
8	शब्दरूप( रिक्त स्थान के रूप में कुल 6 रिक्त स्थान)	1/2X6=3अंक
9	धातुरूप( रिक्त स्थान के रूप में कुल 4 रिक्त स्थान)	1/2X4=2अंक



**ATOMIC ENERGY EDUCATION SOCIETY, MUMBAI ACADEMIC YEAR 2026-27**

**BLUE PRINT AS PER CBSE PATTERN CLASSES: VI, VII AND VIII  
MATHEMATICS**

<b>S.No.</b>	<b>TYPE OF QUESTIONS</b>	<b>MARKS</b>	<b>NO. OF QUESTIONS</b>	<b>TOTAL MARKS</b>
1	MCQ	1	20	20
2	VSA(NOT EXCEEDING 40 WORDS)	2	5	10
3	SA(NOT EXCEEDING 60 WORDS)	3	6	18
4	CASE BASED QUESTIONS	4	3	12
5	LA(NOT EXCEEDING 120 WORDS)	5	4	20
	TOTAL			80



**ATOMIC ENERGY EDUCATION SOCIETY, MUMBAI ACADEMIC YEAR 2026-27**

**BLUE PRINT AS PER CBSE PATTERN CLASSES: VI, VII AND VIII  
SCIENCE**

<b>S.No.</b>	<b>TYPE OF QUESTIONS</b>	<b>MARKS</b>	<b>NO. OF QUESTIONS</b>	<b>TOTAL MARKS</b>
1	MCQ	1	20	20
2	VSA(NOT EXCEEDING 40 WORDS)	2	9	18
3	SA(NOT EXCEEDING 60 WORDS)	3	8	24
4	CASE BASED QUESTIONS	4	2	08
5	LA(NOT EXCEEDING 120 WORDS)	5	2	10
	TOTAL			80



## ATOMIC ENERGY EDUCATION SOCIETY, MUMBAI ACADEMIC YEAR 2026-27

### BLUE PRINT AS PER CBSE PATTERN CLASSES: VI, VII AND VIII SOCIAL SCIENCE

S. No.	TYPE OF QUESTIONS	MARKS	NO. OF QUESTIONS	TOTAL MARKS
1	MCQ	1	20	20
2	VSA (NOT EXCEEDING 40 WORDS)	2	4	08
3	SA (NOT EXCEEDING 60 WORDS)	3	5	15
4	CASE BASED QUESTIONS	4	3	12
5	LA (NOT EXCEEDING 120 WORDS)	5	4	20
6	MAPS (2 History + 3 Geography)	1	5	05
	TOTAL			80