



**JIMP PIONEER SCHOOL DEHRADUN, UTTARAKHAND**

**CLASS V (2026 – 2027) SYLLABUS**

**BOOK – SANTOOR 5 (NCERT)**

**TERM I (APRIL 2026 –SEPTEMBER 2026)**

Duration (No. of Days)	Units / Topics	Activities	No. of Periods	Assessments
April 2026 to May 2026 (20)	<b>Unit 1: Let's Have Fun</b> Papa's Spectacles (Poem)	- Recitation with proper pronunciation, gesture and voice modulation - Picking out rhyming words from the poem - Written practice (Reference to context) <b>Speaking Activity – Role Play</b>	<b>4</b>	<b>Periodic Test I (syllabus)</b>  <u>Reading Section</u> - Unseen passage based exercise  <u>Literature Section</u> (Reference to context, question /answers, Textual exercises) - Papa's Spectacles (Poem) - Gone with the Scooter (Lesson)  <u>Grammar Section</u> - Types of Nouns - Gender - Singular / Plural - Subject and Predicate Word Bank (only synonyms, antonyms and compound words)  <u>Writing Section</u> - Paragraph writing (related hints will be provided)
	Gone with the Scooter  <b>Values to be developed–</b> Joy of the Moment and Bond between Friends	- Reading and understanding – Question/ Answer exercise - Written practice (Reference to context) - Textual exercises - Spellings practice Speaking Activity- To speak on 'Various aspects of road safety' Hands-on Activity – To prepare a board game 'Tigers and Goats'	<b>4</b>	
	Nouns ( Grammar )	- Exercises on nouns and its types (Proper, Common, Collective, Abstract), (Countable, Uncountable) - Gender - Singular/Plural	<b>4</b>	
	Subject and Predicate ( Grammar )	- Practice exercises - General Error Finding exercise	<b>2</b>	
	Creative Writing	- Paragraph writing	<b>2</b>	
	Word Bank	synonym, antonym, compound word, idioms, prefix, suffix, homophone, homonym	<b>2</b>	
	<b>Revision for Periodic Test 1</b>		<b>2</b>	
July 2026 to August 2026 (37)	<b>Unit 2: My Colourful World</b> The Rainbow (Poem)	- Recitation with proper pronunciation and voice modulation. - Picking out rhyming words from the poem - Written practice (Reference to context) <b>Speaking Activity-</b> To speak on your experience of travelling.	<b>4</b>	
	The Wise Parrot <b>Values to be developed –</b> Patience and Use of Wisdom	- Reading and understanding - Written practice (Reference to context) - Textual exercises - Question / Answers exercise - Spellings practice <b>Speaking Activity --</b> To speak on 'Is it right to keep birds as pets?'	<b>4</b>	
	Audio Based Listening Activity Practice sessions and comprehension passage practice		<b>2</b>	

Duration (No. of Days)	Units / Topics	Activities	No. of Periods	Assessments
	Pronouns ( Grammar )	--Exercises on Pronouns and its types (Personal, Possessive, Reflexive, Demonstrative) <b>Hands-on Activity</b> – Newspaper activity ( Picking out pronouns from the article in newspaper cutting )	3	
	Present Tense ( Grammar )	-Exercises on Simple Present, Present Continuous, Present Perfect Tense	3	
	Subject Verb Agreement ( Grammar )	Exercises on singular/plural/is/am/are/has/have	2	
	Creative Writing	-Picture Description - Routine description using present tense	2	
	<b>Unit 3: Water</b> The Frog (Poem)	- Recitation with proper pronunciation, gesture and voice modulation - To pick out rhyming words from the poem -Written practice (Reference to context) <b>Speaking Activity</b> – Try speaking tongue twisters given in the book. <b>Hands-on Activity</b> – Draw a frog and write some words around it from the poem that describe the frog’s life.	4	<b>Subject Enrichment Activities</b> a) Listening based b) Speaking based c) Notebook review d) Homework / Assignments
	Punctuation ( Grammar )	-Exercises	3	
	Adjectives (Grammar) Degrees of Comparison	--Exercises on Adjectives and its types (Quality, Quantity, Number, Demonstrative, Possessive) <b>Hands-on Activity</b> – Paste a picture of any Noun and write adjectives for it -Exercises	3	<b>Half Yearly Exam</b> (Syllabus) Everything covered from April, 2026 – till September 2026
	<b>Creative Writing</b>	- Writing about likes and dislikes - Describing a scene	2	
	Articles ( Grammar )	-Exercises on Articles ( a, an, the )	3	
	Past Tense ( Grammar )	-Exercises on Simple Past, Past Continuous and Past Perfect	2	
September 2026 (9)	Subject Verb Agreement ( Grammar )	Exercises on ( was/were)	2	
	Creative Writing	-Story writing using past tense	2	
	<b>Revision for Half Yearly Examination</b>		5	

TERM II (OCTOBER 2026 –MARCH 2027)

Duration (No. of Days)	Units / Topics	Activities	No. of Periods	Assessments
October 2026 to November 2026 (28)	<b><u>Unit 3: Water</u></b> What a Tank! <b>Values to be developed-</b> <b>Water conservation</b>	-Reading and understanding - Written practice (Reference to context) - Textual exercises -Question/Answer exercises -Spellings practice  <b>Speaking Activity</b> -To compare the traditional water systems	<b>5</b>	<b><u>Periodic Test II</u></b> (Syllabus)  <b><u>Reading Section</u></b> -Unseen passage based exercise  <b><u>Literature Section</u></b> (Reference to context, question/answers, Textual exercises) - What a Tank! (Lesson) - Gilli Danda (poem)  <b><u>Grammar Section</u></b> - Prepositions -Adverbs -Word Bank (only synonyms, antonyms and compound words)  <b><u>Writing Section</u></b> -Story writing (based on the given picture and related hints)
	<b><u>Unit 4 : Ups and Downs</u></b> Gilli Danda (poem)	- Recitation with proper pronunciation, gesture and voice modulation - To pick out rhyming words from the poem - Rhyming scheme -Written practice (Reference to context) <b>Speaking Activity</b> – Think of a game played in groups and share the information about it.	<b>4</b>	
	The Decision of the Panchayat  <b>Values to be developed-</b> Wisdom and Logical Thinking	-Reading and understanding - Written practice (Reference to context) - Textual exercises -Question/Answer exercises -Spellings practice <b>-Speaking Activity</b> -Role Play	<b>5</b>	
	Preposition ( Grammar )	-Exercises  <b>Hands-on Activity</b> – Picture Dictation	<b>3</b>	
	Creative Writing	-Picture based story writing	<b>2</b>	
	Adverbs ( Grammar )	-Exercises on Adverbs and its types (Manner, Place, Time, Frequency and Degree)	<b>3</b>	
	Word Bank	synonyms, antonyms, compound words, idioms, prefix, suffix, homophones, homonyms	<b>3</b>	
	<b>Revision for Periodic Test II</b>			<b>3</b>
December 2026 (9)	<b><u>Unit 5: Work is Worship</u></b> Vocation (poem)	- Recitation with proper pronunciation, gesture and voice modulation - To pick out rhyming words from the poem - Rhyming scheme -Written practice (Reference to context) <b>Speaking Activity</b> – To speak on ‘When I grow up...’	<b>4</b>	<b><u>Subject Enrichment Activities</u></b> a) Listening based b) Speaking based c) Notebook review d) Homework / Assignments

Duration (No. of Days)	Units / Topics	Activities	No. of Periods	Assessments
	<b>Glass Bangles</b>  <b>Values to be developed-</b> Respect for Heritage and Innovation	-Reading and understanding - Written practice (Reference to context) - Textual exercises -Question/Answer exercises -Spellings practice <b>Speaking Activity-</b> To speak on 'Mixing the old with the new' <b>Hands-on Activity</b> – Craft making with old bangles	<b>4</b>	
	Audio Based Listening Activity Practice sessions and comprehension passage practice		<b>1</b>	
January 2026 To February 2026 (19)	Future Tense ( Grammar )	-Exercises on Simple Future and Future Continuous Tense	<b>2</b>	
	Creative Writing	-Picture composition -Picture based story writing with a title -To describe future travel plans, game/match strategies	<b>2</b>	
	Punctuation	Apostrophe and Quotation Marks	<b>2</b>	
	Direct / Indirect Speech ( Grammar )	-Exercises on Direct / Indirect Speech	<b>3</b>	
	Creative Writing	-Application/Letter Writing	<b>2</b>	
	Conjunctions (Grammar)	-Exercises on Conjunctions – (Coordinating, Subordinating, Co-relative)	<b>2</b>	<b>Annual Exam</b> (Syllabus) -All the topics covered from October 2026– till March 2027
	Voice ( Grammar )	-Active Passive Voice exercises ( An introduction )	<b>2</b>	
<b>Revision for Annual Examination</b>			<b>4</b>	

- Note: a) Five words used in everyday language will be given as spelling practice exercise daily to improve writing skill.  
b) English songs will be included in the English periods for developing interest in music and language expression.  
c) Worksheets based on NCERT Santoor.  
d) Every Friday creative writing will be practiced in the English period.  
e) Hands-on activities are included in the syllabus for integrating artistic expression. So it must be taken sincerely.

## हिन्दी पाठ्यक्रम 2026-27

### कक्षा - पाँच

प्रथम सत्र - अप्रैल से सितम्बर

पाठ्य पुस्तक - वीणा

माह	पाठ / विषय	कालांश	रचनात्मक लेखन कौशल / गतिविधि
अप्रैल 18 दिन	कुछ विशेष शब्दों की पुनरावृत्ति शब्द-भंडार - पर्यायवाची, विलोम, अनेक शब्दों के लिए एक शब्द, मुहावरे, (प्रथम आवधिक परीक्षा एवं अर्द्धवार्षिक परीक्षा हेतु )	4	गतिविधि - सूर्य का वैज्ञानिक, पौराणिक और आध्यात्मिक परिचय देते हुए उसकी आत्मकथा लिखिए।  गतिविधि- राजा विक्रमादित्य का 'सिंहासन बत्तीसी कथा संग्रह' को आधार मानते हुए कोई एक कहानी लिखिए।
	पाठ -1 किरण (कविता) वाचन व सरलार्थ, शब्दार्थ, कविता पर आधारित प्रश्नोत्तर एवं अभ्यास कार्य + गतिविधि	2	
	पाठ - पेड़ का जादू ( केवल पठन हेतु )	1	
	व्याकरण - भाषा, वर्ण-विचार	5+2	
	पाठ -2 न्याय की कुर्सी पठन-पाठन, शब्दार्थ, पाठ पर आधारित प्रश्नोत्तर एवं अभ्यास कार्य + गतिविधि	4	
मई 11 दिन	विराम चिह्न -पूर्ण विराम, अल्प विराम, प्रश्न सूचक, विस्मयादिबोधक, अर्द्ध विराम, योजक, उद्धरण, लाघव, अर्द्ध विराम।	4	गतिविधि-चाँद का आकार क्यों घटता-बढ़ता है इस आधार पर एक कहानी लिखिए।
	पाठ -3 चाँद का कुर्ता (कविता) वाचन व सरलार्थ, शब्दार्थ, कविता पर आधारित प्रश्नोत्तर एवं अभ्यास कार्य	2	
	संज्ञा व उसके भेद	4	
	कविता - जागो प्यारे ( केवल वाचन हेतु )	1	

प्रथम आवधिक परीक्षा पाठ्यक्रम - पाठ- न्याय की कुर्सी

कविता - किरण

व्याकरण - भाषा, वर्ण-विचार, संज्ञा, पर्यायवाची, विलोम शब्द तथा कक्षा में कराया गया समस्त कार्य

ग्रीष्मकालीन अवकाश गृहकार्य गतिविधि - चाँद का आकार क्यों घटता-बढ़ता है इस आधार पर एक कहानी लिखिए।

जून / जुलाई 22 दिन	पाठ - 4 साङ्केत पठन-पाठन, शब्दार्थ, पाठ पर आधारित प्रश्नोत्तर एवं अभ्यास कार्य	3	गतिविधि-यहाँ कुछ प्रसिद्ध गायों के नाम दिए गए हैं इनमें से अपनी पसंद के नाम की गाय का चित्र चिपकाकर उसकी कहानी लिखिए। सुरभि, कामधेनु, नंदिनी, श्यामा, धौली इत्यादि।
	सर्वनाम एवं भेद	5	
	कविता - होली आई, होली आई ( केवल वाचन हेतु )	1	
	पाठ - 5 सुंदरिया पठन-पाठन, शब्दार्थ, पाठ पर आधारित प्रश्नोत्तर एवं अभ्यास कार्य	3	
	लिंग, वचन, कारक	2 2 4	
	पाठ - हाथी और चींटी (कहानी) (केवल पठन हेतु) + गतिविधि	2	
अगस्त 18 दिन	पाठ- 6 चतुर चित्रकार वाचन व सरलार्थ, शब्दार्थ, कविता पर आधारित प्रश्नोत्तर एवं अभ्यास कार्य	2	गतिविधि - मुहावरों का प्रयोग करते हुए कहानी लिखिए।
	पठित गद्यांश एवं पद्यांश अभ्यास	6	
	पाठ - दो मेंढकों की यात्रा (केवल पठन हेतु )	1	
	विशेषण एवं भेद	5	
	प्रार्थना पत्र	4	
सितंबर 10 दिन	अपठित गद्यांश एवं पद्यांश	3	
	मुहावरे वाक्य प्रयोग + गतिविधि	3	
	पुनरावृत्ति	4	

अर्द्धवार्षिक परीक्षा पाठ्यक्रम - ( सितंबर से आरम्भ )

पाठ - साङ्केत, सुंदरिया

कविता- चाँद का कुर्ता, चतुर चित्रकार

व्याकरण - विराम चिह्न, भाषा, संज्ञा, सर्वनाम, लिंग, वचन, कारक, विशेषण, मुहावरे, अनेक शब्दों के लिए एक शब्द, पर्यायवाची, विलोम,

पठित गद्यांश एवं पद्यांश, अपठित गद्यांश एवं पद्यांश, प्रार्थना पत्र ।

द्वितीय सत्र अक्टूबर 17 दिन	शब्द-भंडार - पर्यायवाची, विलोम, अनेक शब्दों के लिए एक शब्द, लोकोक्ति, अशुद्धि संशोधन शब्द एवं वाक्य ( द्वितीय आवधिक परीक्षा एवं वार्षिक परीक्षा हेतु )	6	गतिविधि - राष्ट्रीय उद्यानों के नाम लिखिए तथा उनके चित्र चिपकाइए।
	पाठ - 7 मेरा बचपन पठन-पाठन, शब्दार्थ, पाठ पर आधारित प्रश्नोत्तर एवं अभ्यास कार्य	3	
	व्याकरण - अनेकार्थी	2	
	पाठ - 8 काँजीरंगा राष्ट्रीय उद्यान की यात्रा पठन-पाठन, शब्दार्थ, पाठ पर आधारित प्रश्नोत्तर एवं अभ्यास कार्य + गतिविधि	4	
	गतिविधि	2	
नवंबर 18 दिन	क्रिया, काल	5	गतिविधि - पाठ्यक्रम में दी गई लोकोक्तियों में से किसी एक लोकोक्ति से संबंधित कहानी अपने शब्दों में लिखिए।
	पाठ- घूमो देखो ( केवल पठन हेतु )	3	
	पाठ - 9 न्याय (नाटक मंचन) पठन-पाठन, शब्दार्थ, पाठ पर आधारित प्रश्नोत्तर एवं अभ्यास कार्य	1	
	पाठ - 10 तीन मछलियाँ पठन-पाठन, शब्दार्थ, पाठ पर आधारित प्रश्नोत्तर एवं अभ्यास कार्य	3	
	लोकोक्ति वाक्य प्रयोग + गतिविधि	3	

द्वितीय आवधिक परीक्षा पाठ्यक्रम (दिसम्बर 2026)

पाठ- मेरा बचपन, काँजीरंगा राष्ट्रीय उद्यान की यात्रा

व्याकरण - क्रिया, काल, लोकोक्ति, विलोम, अपठित गद्यांश (कक्षा में करवाया गया समस्त कार्य )

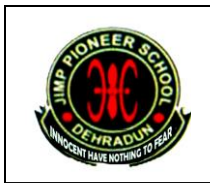
दिसंबर/ जनवरी 11 दिन	पाठ-11 हमारे ये कलामंदिर पठन-पाठन, शब्दार्थ, प्रश्नोत्तर, एवं अभ्यास कार्य + गतिविधि	4	गतिविधि - सैड पेपर पर किसी मंदिर का चित्र बनाना
	संवाद लेखन	4	
	पाठ -12 गंगा की कहानी पठन-पाठन, शब्दार्थ, पाठ पर आधारित प्रश्नोत्तर एवं अभ्यास कार्य + गतिविधि	3	गतिविधि - भारत की प्रसिद्ध नदियों के महत्त्व के विषय में जानकारी एकत्र करना।
फरवरी 15 दिन	उपसर्ग, प्रत्यय	4	
	रचनात्मक लेखन	2	
	पाठ- गगनयान ( केवल पठन हेतु )	1	
	पुनरावृत्ति	8	

### वार्षिक परीक्षा पाठ्यक्रम ( फरवरी/मार्च 2027)

पाठ - न्याय, तीन मछलियाँ, हमारे ये कलामंदिर, गंगा की कहानी

**व्याकरण** - सर्वनाम, विशेषण, क्रिया, काल, विराम चिह्न, लोकोक्ति, अशुद्धि संशोधन, विलोम, लिंग, पर्यायवाची, संवाद लेखन ,अनुच्छेद लेखन, अपठित गद्यांश, पठित गद्यांश एवं पद्यांश।

(प्रथम सत्र के प्रमुख बिंदु - भाषा और संज्ञा वार्षिक परीक्षा में पूछे जाएँगे।)



**JIMP PIONEER SCHOOL DEHRADUN, UTTARAKHAND**

**SUBJECT- MATHEMATICS**  
**BOOK: Maths Mela (NCERT)**  
**Class- V (2026-2027) TERM-I**

Duration	Topic/Chapter	Concept/ Written Work	No. of periods
<b>April 2026 to May 2026</b>  <b>(NO. OF DAYS- 24)</b>	<b>1. Numbers and Numeration</b> <b>(NCERT Chapter 1: We the Traveller-I)</b>	· Indian and International Place Value Chart (9-digit number)	1
		· Place value and face value	1
		· Successor and Predecessor	1
		· Reading and writing Large Numbers	1
		· Expanded form and standard form of number	1
		· Comparing and Ordering of Numbers	1
		· Forming Smallest and Greatest Number using Given Digits	3
		· Rounding off numbers to tens, hundreds and thousands place	2
		· Roman Numerals (1 to 500) -conversion to Hindu Arabic numerals, Addition, Subtraction, word problems	3
		· Activity: Making Roman numerals chart/clock	1(A)
<b>REVISION</b>			<b>3</b>
<b>July 2026 to September 2026</b>  <b>(NO. OF DAYS- 54)</b>	<b>2. Addition and Subtraction</b> <b>(NCERT Chapter 4: We the Travellers-II)</b>	· Properties of Addition (property of addition with 0 and 1, associative property and commutative property)	1
		· Arrange in columns and add 6-digit numbers (without and with regrouping)	1
		· Word problems	2
		· Properties of Subtraction	1
		· Addition and subtraction facts	1
	<b>3. Multiplication and Division</b> <b>(NCERT Chapter 6: The Dairy Farm)</b>  <b>(NCERT Chapter 9: Coconut Farm)</b>	· Arrange in columns and subtract 6-digit numbers (without and with borrowing)	1
		· Word problems	3
		· Multiplication as repeated addition.	1
		· Terms of multiplication- Multiplicand, Multiplier, Product	1
		· Properties of Multiplication	1
			<b>(29 P)</b>
		· Multiplying by 10, 100, 1000 and their multiples	1
		· Multiplication of 3 and 4-digit Numbers by 2 and 3- digit Numbers	2
		· Multiplication by regrouping (2 x 5, 4 x 25, 2 x 50, 5 x 20, 8 x 125)	1
		· Terms- Dividend, Divisor, Quotient and Remainder	1
		· Division as repeated subtraction	1
		· Division and multiplication facts	2
		· Properties of Division	1
		· Division by a 2-digit number and its verification	2
		· Division by 10, 100 and 1000	2
		· Word problems based on multiplication and division	
· Unitary Method			

	<b>4. Geometry</b> (NCERT Chapter 3: Angles and Turns) (NCERT Chapter 7: Shapes and patterns) (NCERT Chapter 10: Symmetrical Designs)	<ul style="list-style-type: none"> <li>· Basic geometrical Concepts- Point, Line, Line segment and Ray</li> <li>· Intersecting lines and Parallel Lines</li> <li>· Closed and open figure</li> <li>· Angles and its type</li> <li>· Drawing and measuring angle using protractor</li> <li>· Triangles and angle sum property</li> <li>· Quadrilateral and angle sum property</li> <li>· Types of Polygons, regular polygon</li> <li>· Reflection and rotational symmetry (Alphabets, numbers and 2D shapes)</li> </ul>	2 1 1 1 2 2 2 1 3
	<b>5. Measurement of length, weight and capacity</b> (NCERT Chapter 5: Far and Near) (NCERT Chapter 8: Weight and Capacity)	<ul style="list-style-type: none"> <li>· Conversion of units of length (both ways) ( km to m, m to cm)</li> <li>· Conversion of units of mass (both ways) ( kg to g, g to mg)</li> <li>· Conversion of units of capacity (both ways) ( l to ml)</li> <li>· Comparing and ordering</li> <li>· Addition, subtraction, multiplication and division of measures of length, mass and capacity</li> <li>· Word problems</li> </ul>	2 2 2 1 4 3
	<b>6. Measurement of Time</b> (NCERT Chapter 12: Racing Seconds)	<ul style="list-style-type: none"> <li>· 12-hour and 24-hour clock time</li> <li>· Conversion of units of time(Year to months, month to days, days to weeks etc, and vice versa)</li> <li>· Addition and Subtraction of time</li> <li>· Finding: Finishing/starting time</li> <li>· Duration of time of an activity</li> <li>· Activity: Measuring lengths of different objects (class table, maths book, lunch box, pencil box, notebook etc) with measuring tape and arranging it in increasing/decreasing order</li> </ul>	2 2 3 2 2 1(A)
	<b>7. Reading Maps</b> (NCERT Chapter 14: Maps and Locations)	<ul style="list-style-type: none"> <li>· Relative distance in route map</li> <li>· Questions based on reading of route map</li> </ul>	1 3  <b>(65 P)</b>
<b>REVISION</b>			<b>5</b>
<b>PERIODIC TEST -1 Third week of May</b> <b>SYLLABUS: Topic 1: Numbers and Numeration</b> (Chapters from the NCERT Book mentioned in syllabus, Notebook work, Notes and Assignments uploaded on the portal and Revision)			
<b>HALF-YEARLY EXAMS- (Third week of September)</b> <b>SYLLABUS: All topics/chapters 1 to 7 of Term I</b> (Chapters from the NCERT Book mentioned in syllabus, Notebook work, Notes and Assignments uploaded on the portal and Revision)			



<b>January 2027 to February 2027</b>  <b>(NO. OF DAYS- 19)</b>		<ul style="list-style-type: none"> <li>· Word problems on addition and subtraction.</li> <li>· Multiplication and division by 10 and 100</li> <li>· Word Problems</li> <li>· Decimal in money and measurement</li> </ul>	2 1 2 2 <b>(59 P)</b>
	<b>11. Money</b>	· Making bills using the four fundamental operations	<b>2</b>
	<b>12. Perimeter and Area</b> <b>(NCERT Chapter Grandmother's Quilt)</b>	<ul style="list-style-type: none"> <li>· Perimeter of rectilinear figures and polygons</li> <li>· Perimeter of square and rectangle using formula</li> <li>· Application based problem on perimeter using formula</li> <li>· Introduction of Area</li> <li>· Units of Area</li> <li>· Area of irregular shapes (by counting squares)</li> <li>· Area of square and rectangle (using formula)</li> <li>· Application based problems on Area</li> <li>· Activity : Find the Area and Perimeter of the given figure</li> </ul>	1 1 1 1  1 1 2 1(A)
	<b>13. Data Handling</b> <b>(NCERT Chapter 14: Data Handling)</b>	<ul style="list-style-type: none"> <li>· Tally marks, Tally chart</li> <li>· Reading / interpretation of bar graph</li> <li>· Activity: Bar graph activity (NCERT page 184,185)</li> </ul>	1 2 1(A) <b>(20 P)</b>
<b>REVISIONS</b>			<b>5</b>
<b>PERIODIC TEST-2 Third week of December</b> <b>SYLLABUS: Factors and Multiples, Fractions</b> (Chapters from the NCERT Book mentioned in syllabus, Notebook work, Notes and Assignments uploaded on the portal and Revision)			
<b>ANNUAL EXAMINATION- Second week of February</b> <b>SYLLABUS: All topics/chapters of Term II</b> (Chapters from the NCERT Book mentioned in syllabus, Notebook work, Notes and Assignments uploaded on the portal and Revision)			



**JIMP PIONEER SCHOOL DEHRADUN, UTTARAKHAND**

**SUBJECT- SCIENCE**

**BOOK: Our Wondrous World (NCERT)**

**Class- V (2026-2027) TERM-I**

Duration	Name of the Lesson	Concept/ Written Work	NO. OF PERIODS	Project/ Activity/Experiment/Diagram
April 2026 to May 2026  (NO. OF DAYS- 24)	Chapter-1 WATER	<ul style="list-style-type: none"> <li>• Matter</li> <li>• Conversion of the states of matter</li> <li>• Sources of water</li> <li>• Properties of water - Experiment based on different properties of water.</li> <li>• Water cycle</li> <li>• Solubility - Activity showing the floating and sinking of different objects</li> <li>• Impurities in water - Experiments showing the separation of insoluble and soluble impurities</li> <li>• Purification of water</li> <li>• Conservation of water- Visual clips on ways to save water</li> <li>• Summing up (notebook work and assignment)</li> </ul>	1 2 1 2  1 3  3  1 2 3 + 2 (A) <b>(24 P)</b>	<ul style="list-style-type: none"> <li>➤ Activity demonstrating the rate of viscosity</li> <li>➤ Poster making/slogan on a message to conserve or save water</li> </ul>
<b>REVISION</b>			<b>3</b>	
July 2026 to September	Chapter-2 MYSTERY OF FOOD	<ul style="list-style-type: none"> <li>• Microbes and their types</li> <li>• Bacteria (good and bad)</li> <li>• Diseases: Communicable and non-communicable diseases</li> <li>• Food Spoilage - Observing and recording the changes in bread that is spoiled by microorganisms.</li> <li>• Food preservation - Pasting pictures of different food items preserved by various techniques.</li> <li>• Digestion of food: Indigestion and danger of choking - Flow chart of the digestive system</li> <li>• Teeth and chewing - Method of brushing using a denture</li> <li>• Oral hygiene</li> <li>• Summing up (notebook work and assignment)</li> </ul>	1 1 3 2  2  3  3 1 3+ 2 (A)	<ul style="list-style-type: none"> <li>➤ Balanced diet Tiffin box</li> <li>➤ A collage of different food items with their nutritional value.</li> <li>➤ No – cook food activity (healthy food/ salad and sprouts)</li> </ul>

<b>2026</b> <b>(NO. OF DAYS- 54)</b>	Chapter -3 ENERGY	<ul style="list-style-type: none"> <li>Force</li> <li>Types of forces - Experiments showing gravitational, frictional, magnetic, electrostatic, and buoyant forces</li> <li>Work</li> <li>Different types of Simple machines - Demonstration of different types of levers</li> <li>Energy</li> <li>Different forms of Energy</li> <li>Summing up (notebook work and assignment)</li> </ul>	1 3  1 3  1 1 3+ 2 (A)	<ul style="list-style-type: none"> <li>➤ Heat energy transfer activity using a metal spoon and hot water.</li> <li>➤ Magnetic energy activity by using magnets.</li> </ul>
	Chapter-4 ROCKS AND SOIL	<ul style="list-style-type: none"> <li>Soil Formation - Soil layer formation activity in a glass jar</li> <li>Types of soil</li> <li>Composition of soil</li> <li>Soil Erosion - Activity showing soil erosion Soil Conservation</li> <li>Rocks: Formation</li> <li>Types of rocks- Demonstration of samples of different types of rocks</li> <li>Summing up (notebook work and assignment)</li> </ul>	3 1 1 3 1 3  3+ 2 (A)	<ul style="list-style-type: none"> <li>➤ Uses of different types of rocks by giving examples (chalk, marble, granite, limestone).</li> <li>➤ Rock (stone) painting</li> </ul>
	Chapter-5 OUR HUMAN BODY (PART -1)	<ul style="list-style-type: none"> <li>Cell, tissue, organ and organ system</li> <li>The Nervous system: Brain, Spinal cord and nerves.</li> <li>The skeletal system: Skull, Backbone, Ribcage, Hip girdle, Shoulder girdle</li> <li>Types of joints- Joint movement activity</li> <li>The Muscular System: Voluntary Muscles, Involuntary Muscles</li> <li>Summing up (notebook work and assignment)</li> </ul>	2 4 2  2 2 3+ 2 (A) <b>(75 P)</b>	<ul style="list-style-type: none"> <li>➤ Demonstration of different types of joints through a model of the skeleton</li> <li>➤ Blind fold activity by using sensory organs</li> </ul>
<b>REVISIONS</b>			<b>5</b>	
<b>PERIODIC TEST -1 Third week of May</b>				
<b>SYLLABUS: Chapter 1- WATER</b>				
<b>HALF-YEARLY EXAMS- (Third week of September)</b>				
<b>SYLLABUS: All chapters of Term I (Chapters from NCERT Book mentioned in syllabus, Notebook work, Notes and Assignments uploaded on portal and Revision)</b>				

**SUBJECT- SCIENCE**  
**BOOK: Our Wondrous World (NCERT)**  
**Class- V (2026-2027) TERM-II**

Duration	Name of the Lesson	Concept/ Written Work	NO. OF PERIODS	Project/ Activity/Experiment/Diagram
<b>October 2026 to</b>	Chapter-6 CLOTHES	<ul style="list-style-type: none"> <li>From thread to cloth</li> </ul>	1	➤ Mat weaving activity
		<ul style="list-style-type: none"> <li>Types of fibres (Natural and synthetic) -Fabric identification test</li> </ul>	2	

<b>December 2026</b>  <b>(NO. OF DAYS- 49)</b>		<ul style="list-style-type: none"> <li>• Spinning and weaving</li> <li>• Life cycle of the silkworm- Diagram of the life cycle of the silkworm</li> <li>• Taking care of clothes</li> <li>• Traditional embroideries of India and their origin- Pasting pictures of different handicraft work on a chart.</li> <li>• Summing up (notebook work and assignment)</li> </ul>	1 1  1 3  3+ 2 (A)	➤ Water absorption test of cotton and jute clothes.
	<b>REVISION</b>			<b>3</b>
<b>January 2027 to February 2027</b>  <b>(NO. OF DAYS- 19)</b>	Chapter-7 RHYTHM OF NATURE	<ul style="list-style-type: none"> <li>• Day and night- Day and night model using globe/ ball and torch</li> <li>• Seasons</li> <li>• Types of seasons</li> <li>• Changes in seasons- Seasonal change activity by measuring temperatures</li> <li>• Rotation and Revolution- Visual clips of rotation and revolution.</li> <li>• Celebrating seasons: festivals</li> <li>• Summing up (notebook work and assignment)</li> </ul>	3+ 2 (A)	➤ Sub. Enrichment- Based on your favourite season, mention food items, clothing, weather, festivals and fruits available in that season.
	Chapter- 8 OUR HUMAN BODY (PART -2)	<ul style="list-style-type: none"> <li>• The Circulatory System: Heart, Blood, Blood Vessels- Video presentation showing the circulation of blood in the body.</li> <li>• The Digestive System: parts of the digestive system, process of digestion in humans- Video presentation showing the journey of food in the alimentary canal.</li> <li>• The Excretory System (Parts and their functions)</li> <li>• Summing up (notebook work and assignment.</li> </ul>	4 3  2 3+ 2 (A) <b>(46 P)</b>	➤ Heart rate activity by preparing a model of a stethoscope using a funnel and a tube
	Chapter- 9 AIR	<ul style="list-style-type: none"> <li>• Air</li> <li>• Composition</li> <li>• Uses</li> <li>• Properties -Experiments to demonstrate the properties of air <ul style="list-style-type: none"> <li>❖ Air has mass</li> <li>❖ Air occupies space</li> <li>❖ Air exerts pressure</li> </ul> </li> <li>• Atmosphere and its layers</li> <li>• Summing up (notebook work and assignment)</li> </ul>	1 1 2 3  2 3+ 2 (A) <b>(60 P)</b>	➤ An experiment showing hot air rises up ➤ Air supports burning by using a candle and a glass jar
	Chapter-10 REPRODUCTION IN PLANTS	<ul style="list-style-type: none"> <li>• Structure of a seed – Diagram of the structure of a seed.</li> <li>• Types of seed</li> <li>• Germination of seeds – Seed germination by using seeds of black gram/white gram/peas, etc (observing and recording the changes)</li> <li>• Seed dispersal – Understanding seed dispersal methods by showing video clips</li> <li>• Reproduction from other parts</li> <li>• Summing up (notebook work and assignment)</li> </ul>	2 1 2 3  3 3+ 2 (A) <b>(21P)</b>	➤ Making a seed bomb using biodegradable waste. ➤ Vegetative propagation activity (by cutting the stem)

**PERIODIC TEST-2** Third week of December

**SYLLABUS:** Chapter 6 -CLOTHES

**ANNUAL EXAMINATION-** Second week of February

**SYLLABUS:** All chapters of Term II (Chapters from the NCERT Book mentioned in syllabus, Notebook work, Notes and Assignments uploaded on the portal and Revision)