

*All these competencies are taken from CBSE HPC document.

CLASS: V

ENGLISH SYLLABUS

SESSION 2025-26

Month	Unit	Topic	Competencies	Art Integration Activity	Practical	Subject Enrichment
APRIL (23)		Literature – Lesson 1: Monkey Trouble Lesson 2: Mina and the Dinosaurs	C1.1: Converses fluently and meaningfully in different contexts. C1.2: Summarises core ideas from material read out in class. C2.2: Understands main ideas and draws essential conclusions from the material read. C4.1: Discusses meanings of words and develops vocabulary by listening to and reading a variety of texts. C4.2: Discusses meanings of words and develops vocabulary by listening to and reading a variety of texts or other content areas.	Create Your Own Character based on any one of the stories.	Game:- Story Adventure Quest	Watch the movie 'Jurassic Park' and speak about its favourite parts.
		Grammar – Lesson 1: Nouns Lesson 2: Singular & Plural Nouns Lesson 3: Nouns & Gender	C3.4: Uses appropriate grammar and structure in their writing.	Noun Storybook Creation	Noun Detective Challenge	
		Writing - Creative Writing 'My New Neighbour'	C3.1: Uses writing strategies, such as sequencing, identifying headings/sub-headings, the beginning, and ending, and forming paragraphs. C3.2: Writes clear and coherent paragraphs that convey their understanding of a given topic/concept or on a reading of a text. C3.4: Uses appropriate grammar and structure in their writing.			

MAY (13)		Literature – The Fly (poem)	C1.3: Makes oral presentations (show and tell, short welcome notes, anchoring of small events, short speeches, class debates) C4.1: Discusses meanings of words and develops vocabulary by listening to and reading a variety of texts. C4.2: Discusses meanings of words and develops vocabulary by listening to and reading a variety of texts or other content areas.	Choose a character from a book you've read and create a "character interview."		Activity: Pronoun and Verb Play.
		Grammar- Lesson 4: Pronouns (page 15 only) Lesson 5: Verbs Pronouns practice from 'The Bell of Atri' (Radiant Reader)	C3.4: Uses appropriate grammar and structure in their writing.		Game: Verb Charades	
		Unseen Passage	C2.1: Applies varied comprehension strategies (inferring, predicting, visualising) to understand different texts. C2.2: Understands main ideas and draws essential conclusions from the material read.			
		Writing- Creative Writing 'A Dream'	C3.1: Uses writing strategies, such as sequencing, identifying headings/sub-headings, the beginning, and ending, and forming paragraphs. C3.2: Writes clear and coherent paragraphs that convey their understanding of a given topic/concept or on a reading of a text. C3.4: Uses appropriate grammar and structure in their writing.			
JULY (26)		Literature – Be a Friend (poem)	C4.1: Discusses meanings of words and develops vocabulary by listening to and reading a variety of texts.		ASL (Assessment of Speaking and listening skills)	Recitation in pairs of the poem 'The Violet'(Radiant Reader)

			C4.2: Discusses meanings of words and develops vocabulary by listening to and reading a variety of texts or other content areas.			
		Grammar – Lesson 6: Adjectives & Comparison Lesson 8: Present Tense	C3.4: Uses appropriate grammar and structure in their writing.		Tense Detective	
		Writing – Picture Description	C2.2: Understands main ideas and draws essential conclusions from the material read. C3.1: Writes a paragraph to express understanding and experiences. C3.2: Writes clear and coherent paragraphs that convey their understanding of a given topic/concept or on a reading of a text. C3.4: Uses appropriate grammar and structure in their writing.			
AUGUST (23)		Literature – Lesson 6: Finding the Toothbrush	C1.1: Converses fluently and meaningfully in different contexts. C1.2: Summarises core ideas from material read out in class. C3.1: Uses writing strategies, such as sequencing, identifying headings/sub-headings, the beginning, and ending, and forming paragraphs. C4.1: Discusses meanings of words and develops vocabulary by listening to and reading a variety of texts. C4.2: Discusses meanings of words and develops vocabulary by listening to and reading a variety of texts or other content areas.	Illustration of the poem 'If I Knew' and 'Timothy Boon' (Radiant Reader)		Speak for one minute on the best trip of your life/ poem.
		When do Hippos Play? (poem)	C4.1: Discusses meanings of words and develops vocabulary by listening to and reading a variety of texts.		Game- Hippo Playtime! Create own poem after	

			C4.2: Discusses meanings of words and develops vocabulary by listening to and reading a variety of texts or other content areas.		playing the game with peers.	
		Grammar – Lesson 9: Past Tense Lesson 10: Future Tense (QA,B only)	C3.4: Uses appropriate grammar and structure in their writing.			
		Writing - Informal Letter Activity: Writing- Letter writing based on ‘An Encounter in the Woods’	C3.2: Writes clear and coherent paragraphs that convey their understanding of a given topic/concept or on a reading of a text. C3.4: Uses appropriate grammar and structure in their writing.			

SEPTEMBER (22)		Lesson 7: Boat Races around the World	C1.1: Converses fluently and meaningfully in different contexts. C1.2: Summarises core ideas from material read out in class. C3.1: Uses writing strategies, such as sequencing, identifying headings/sub-headings, the beginning, and ending, and forming paragraphs. C4.1: Discusses meanings of words and develops vocabulary by listening to and reading a variety of texts. C4.2: Discusses meanings of words and develops vocabulary by listening to and reading a variety of texts or other content areas.	Make different Boat (Race boats) models		Worksheet for Assessment
		Grammar - Lesson 13: Articles	C3.4: Uses appropriate grammar and structure in their writing.		Activity: The Art of Articles - Creating a Visual Story	

		Unseen Passage from 'The Miser who was Punished' (Radiant Reader)	<p>C2.1: Applies varied comprehension strategies (inferring, predicting, visualising) to understand different texts.</p> <p>C2.2: Understands main ideas and draws essential conclusions from the material read.</p>			
OCTOBER (17)		Literature – Lesson 8: The Diary of a Space Traveller	<p>C1.1: Converses fluently and meaningfully in different contexts.</p> <p>C1.2: Summarises core ideas from material read out in class.</p> <p>C3.1: Uses writing strategies, such as sequencing, identifying headings/sub-headings, the beginning, and ending, and forming paragraphs.</p> <p>C4.1: Discusses meanings of words and develops vocabulary by listening to and reading a variety of texts.</p> <p>C4.2: Discusses meanings of words and develops vocabulary by listening to and reading a variety of texts or other content areas.</p> <p>C3.3: Creates posters, invites, simple poems, stories, and dialogues with appropriate information and purpose.</p>	Space Adventure with Punctuation		Poster making - 'Walk on Mars'
		Grammar – Lesson 14: Punctuation (Page 84 – introduction) Punctuation observation and practice from 'The Three Sneezes' (Radiant Reader)	C3.4: Uses appropriate grammar and structure in their writing.			
		Unseen passage from 'Rip Van Winkle – I' (Radiant Reader)	<p>C2.1: Applies varied comprehension strategies (inferring, predicting, visualising) to understand different texts.</p> <p>C2.2: Understands main ideas and draws essential conclusions from the material read.</p>		Rip Van Winkle's Journey: Comprehension and Creative Retelling	

		Writing - Creative Writing	<p>C2.2: Understands main ideas and draws essential conclusions from the material read.</p> <p>C3.1: Uses writing strategies, such as sequencing, identifying headings/sub-headings, the beginning, and ending, and forming paragraphs.</p> <p>C3.4: Uses appropriate grammar and structure in their writing.</p>			
NOVEMBER (23)		Literature- The Shoemaker and the Elves (Radiant Reader)	<p>C1.1: Converses fluently and meaningfully in different contexts.</p> <p>C1.2: Summarises core ideas from material read out in class.</p> <p>C4.1: Discusses meanings of words and develops vocabulary by listening to and reading a variety of texts.</p> <p>C4.2: Discusses meanings of words and develops vocabulary by listening to and reading a variety of texts or other content areas.</p> <p>C5.1: Borrows books from the library regularly to read at home.</p> <p>C5.2: Demonstrates interest in reading books from the library.</p>	Create the Elves' Magical Workshop	Activity: Sentence Sorting Relay	Activity: Exchange story book with peers and summary in class.
		Grammar - Lesson 15: Sentences	C3.4: Uses appropriate grammar and structure in their writing.			
		Unseen Passage from 'Rip Van Winkle – II' (Radiant Reader)	<p>C2.1: Applies varied comprehension strategies (inferring, predicting, visualising) to understand different texts.</p> <p>C2.2: Understands main ideas and draws essential conclusions from the material read.</p>			

DECEMBER (25)		<p>Literature – Lesson 10: Smriti at the Wicket</p> <p>The Miser who was Punished (Radiant Reader)</p>	<p>C1.1: Converses fluently and meaningfully in different contexts.</p> <p>C1.2: Summarises core ideas from material read out in class.</p> <p>C3.1: Uses writing strategies, such as sequencing, identifying headings/sub-headings, the beginning, and ending, and forming paragraphs.</p> <p>C4.1: Discusses meanings of words and develops vocabulary by listening to and reading a variety of texts.</p> <p>C4.2: Discusses meanings of words and develops vocabulary by listening to and reading a variety of texts or other content areas.</p>	Creative Writing on Exploration of Space.		Worksheet for Assessment
		<p>Grammar – Lesson 16: Negative Sentences Lesson 17: Prepositions</p>	<p>C3.4: Uses appropriate grammar and structure in their writing.</p>			
		<p>Writing – Story Writing based on clues</p>	<p>C3.1: Uses writing strategies, such as sequencing, identifying headings/sub-headings, the beginning, and ending, and forming paragraphs.</p> <p>C3.2: Writes clear and coherent paragraphs that convey their understanding of a given topic/concept or on a reading of a text.</p> <p>C3.4: Uses appropriate grammar and structure in their writing.</p>			
JANUARY (13)		<p>Literature - How the Little Kite Learned to Fly (poem)</p>	<p>C4.1: Discusses meanings of words and develops vocabulary by listening to and reading a variety of texts.</p>		ASL (Assessment of Speaking and listening skills)	

			C4.2: Discusses meanings of words and develops vocabulary by listening to and reading a variety of texts or other content areas.			
		Grammar – Lesson 18: Conjunctions Lesson 22: Vocabulary	C3.4: Uses appropriate grammar and structure in their writing.			Activity: Conjunctions Connect!
		Unseen Passage	C2.1: Applies varied comprehension strategies (inferring, predicting, visualising) to understand different texts. C2.2: Understands main ideas and draws essential conclusions from the material read.			
FEBRUARY (23)		REVISION				
MARCH (24)		EXAMINATIONS				

Please note: Lessons from the book 'Radiant Reader' will be considered for reading (comprehension passage), activities or grammar practice and won't be tested.

	<p style="text-align: center;">पाठ्यक्रम (२०२५-२६) कक्षा-पंचम विषय-हिन्दी</p>			
महीना	पाठ	दक्षताएँ (Competencies)	कला समेकित गतिविधि	विषय संवर्धन गतिविधि
अप्रैल	<ul style="list-style-type: none"> मात्राओं एवं व्याकरणिक धारणाओं की पुनरावृत्ति <p>पाठ -हम कुछ कर दिखलाएँगे (कविता-पाठ)</p> <p>२) नवरोज़ (वाचन एवं श्रुतलेख)</p> <ul style="list-style-type: none"> व्याकरण- भाषा और व्याकरण ध्वनि एवं वर्ण विलोम शब्द (पृष्ठ 29) अनुच्छेद 	<p>C1.1 कविताओं, कहानियों और वार्तालापों को सुनना और उनमें महत्वपूर्ण विचारों का पता लगाना</p> <p>C1.4 मौखिक प्रस्तुतियाँ देना और समूह चर्चाओं में भाग लेना</p> <p>C1.2 सुनाई गई या पढ़ी गई कहानियों को समझना और पात्रों, कहानी और मुख्य पहलुओं की पहचान करना</p> <p>C2.1 ध्वन्यात्मक जागरूकता को बढ़ाना (ध्वनियों (phonemes) और अक्षरों को शब्दों में मिलाना और शब्दों को ध्वनियों/अक्षरों में विभाजित करना)</p> <p>C4.1 शब्दों के अर्थों पर चर्चा करना और विभिन्न प्रकार के ग्रंथों या अन्य सामग्री को सुनकर और पढ़कर शब्दावली विकसित करना</p> <p>C3.1 समझ और अनुभवों को व्यक्त करने के लिए एक अनुच्छेद लिखना</p>	चित्रों द्वारा विलोम शब्दों के जोड़े दर्शाना नवरोज़ त्योहार को चित्र द्वारा दर्शाएँ	<ul style="list-style-type: none"> कविता-पाठ पाठ का वाचन श्रुतलेख अभ्यास-पत्र रचनात्मक अनुच्छेद -मेरे जीवन का लक्ष्य
मई	<p>3) डॉक्टरी व्याकरण -</p> <ul style="list-style-type: none"> संज्ञा और उसके भेद 	<p>C2.2 पाठ की बुनियादी संरचना की जाँच करना और मुद्रित शब्दों और वाक्यों को पहचानना, साथ ही बुनियादी विराम चिह्नों को समझना</p> <p>C4.1 शब्दों के अर्थों पर चर्चा करना और विभिन्न प्रकार के ग्रंथों या अन्य सामग्री को सुनकर और पढ़कर शब्दावली विकसित करना</p>		<ul style="list-style-type: none"> वाचन श्रुतलेख अभ्यास-पत्र

	<ul style="list-style-type: none"> चित्र-वर्णन रचनात्मक लेखन 	C2.4 कहानियों, कविताओं और पोस्टरों का अर्थ समझना C3.1 समझ और अनुभवों को व्यक्त करने के लिए एक अनुच्छेद लिखना	चित्रों द्वारा विलोम शब्दों के जोड़े दर्शाना	<ul style="list-style-type: none"> चित्र-वर्णन नवरोज़ :कुछ रोचक तथ्य
जुलाई	4) ब्रैल लिपि 5) मेरी महत्वाकांक्षा (केवल वाचन एवं श्रुतलेख) व्याकरण - <ul style="list-style-type: none"> संज्ञा के विकार (लिंग, वचन, कारक) वाक्यांशों के लिए एक शब्द (1 से 30) 	C1.2 सुनाई गई या पढ़ी गई कहानियों को समझना और पात्रों, कहानी और मुख्य पहलुओं की पहचान करना C2.1 ध्वन्यात्मक जागरूकता को बढ़ाना (ध्वनियों (phonemes) और अक्षरों को शब्दों में मिलाना और शब्दों को ध्वनियों/अक्षरों में विभाजित करना) C1.3 सार्थक और सुसंगत रूप से बातचीत करना C4.1 शब्दों के अर्थों पर चर्चा करना और विभिन्न प्रकार के ग्रंथों या अन्य सामग्री को सुनकर और पढ़कर शब्दावली विकसित करना		<ul style="list-style-type: none"> वाचन वार्तालाप श्रुतलेख अभ्यास-पत्र
अगस्त	६) मन का दर्पण (कविता) ७)नालंदा विश्वविद्यालय (केवल वाचन एवं श्रुतलेख) व्याकरण- <ul style="list-style-type: none"> विशेषण और उसके भेद पर्यायवाची (पृष्ठ 27) 	C1.4 मौखिक प्रस्तुतियाँ देना और समूह चर्चाओं में भाग लेना C2.3 कहानियों और गद्यांशों को प्रवाहपूर्ण और सटीक रूप से उचित ठहराव के साथ पढ़ना C2.2 पाठ की बुनियादी संरचना की जाँच करना और मुद्रित शब्दों और वाक्यों को पहचानना, साथ ही बुनियादी विराम चिह्नों को समझना C4.1 शब्दों के अर्थों पर चर्चा करना और विभिन्न प्रकार के ग्रंथों या अन्य सामग्री को सुनकर और पढ़कर शब्दावली विकसित करना	अपनी कल्पना शक्ति का प्रयोग करते हुए भविष्य के नालंदा विश्वविद्यालय का एक चित्र/रेखाचित्र बनाइए	<ul style="list-style-type: none"> कविता-पाठ वाचन श्रुतलेख अभ्यास-पत्र

	<ul style="list-style-type: none"> • अनेकार्थी (1 से 12) • अपठित गद्यांश • रचनात्मक लेखन 	<p>C4.1 शब्दों के अर्थों पर चर्चा करना और विभिन्न प्रकार के ग्रंथों या अन्य सामग्री को सुनकर और पढ़कर शब्दावली विकसित करना</p> <p>C1.2 सुनाई गई या पढ़ी गई कहानियों को समझना और पात्रों, कहानी और मुख्य पहलुओं की पहचान करना</p> <p>C3.1 समझ और अनुभवों को व्यक्त करने के लिए एक अनुच्छेद लिखना</p>		<ul style="list-style-type: none"> • अपठित गद्यांश • रचनात्मक लेखन-नालंदा विश्वविद्यालय
सितंबर	<p>८) अपना स्थान स्वयं बनाइए (कथा-वाचन) व्याकरण-</p> <ul style="list-style-type: none"> • सर्वनाम और उसके भेद • अपठित गद्यांश • रचनात्मक लेखन 	<p>C2.3 कहानियों और गद्यांशों को प्रवाहपूर्ण और सटीक रूप से उचित ठहराव के साथ पढ़ना</p> <p>C2.5 विभिन्न बच्चों की किताबें पढ़ने में रुचि दिखाना</p> <p>C2.2 पाठ की बुनियादी संरचना की जाँच करना और मुद्रित शब्दों और वाक्यों को पहचानना, साथ ही बुनियादी विराम चिह्नों को समझना</p> <p>C1.2 सुनाई गई या पढ़ी गई कहानियों को समझना और पात्रों, कहानी और मुख्य पहलुओं की पहचान करना</p> <p>C3.1 समझ और अनुभवों को व्यक्त करने के लिए एक अनुच्छेद लिखना</p>		<ul style="list-style-type: none"> • वाचन • अन्य कहानियाँ सुनाना • श्रुतलेख • अभ्यास-पत्र • अपठित गद्यांश • अनुच्छेद लेखन
अक्तूबर	<p>९)ऐसे बनी गुड़ियाँ (केवल वाचन एवं श्रुतलेख)</p> <p>१०) चेतक (कविता)</p> <p>व्याकरण-</p> <ul style="list-style-type: none"> • क्रिया और काल • पर्यायवाची 	<p>C2.3 कहानियों और गद्यांशों को प्रवाहपूर्ण और सटीक रूप से उचित ठहराव के साथ पढ़ना</p> <p>C1.1 कविताओं, कहानियों और वार्तालापों को सुनना और उनमें महत्वपूर्ण विचारों का पता लगाना</p> <p>C2.2 पाठ की बुनियादी संरचना की जाँच करना और मुद्रित शब्दों और वाक्यों को पहचानना, साथ ही बुनियादी विराम चिह्नों को समझना</p> <p>C4.1 शब्दों के अर्थों पर चर्चा करना और विभिन्न प्रकार के ग्रंथों या अन्य सामग्री को सुनकर और पढ़कर शब्दावली विकसित करना</p>	ऐसे बनी गुड़ियाँ नाटक का अभिनय	<ul style="list-style-type: none"> • अभिनय शैली में वाचन • कविता-पाठ • अभ्यास-पत्र • श्रुतलेख

	<ul style="list-style-type: none"> 	<p>C4.1 शब्दों के अर्थों पर चर्चा करना और विभिन्न प्रकार के ग्रंथों या अन्य सामग्री को सुनकर और पढ़कर शब्दावली विकसित करना</p> <p>C3.1 समझ और अनुभवों को व्यक्त करने के लिए एक अनुच्छेद लिखना</p>		<ul style="list-style-type: none"> अनुच्छेद : मेरा प्रिय पशु
नवंबर	<p>११) नारानथ का पागल</p> <p>व्याकरण-</p> <ul style="list-style-type: none"> विराम चिह्न मुहावरे(1 से 18) अनेकार्थी (13 से 24) 	<p>C1.1 कविताओं, कहानियों और वार्तालापों को सुनना और उनमें महत्वपूर्ण विचारों का पता लगाना</p> <p>C2.5 विभिन्न बच्चों की किताबें पढ़ने में रुचि दिखाना</p> <p>C2.2 पाठ की बुनियादी संरचना की जाँच करना और मुद्रित शब्दों और वाक्यों को पहचानना, साथ ही बुनियादी विराम चिह्नों को समझना</p> <p>C4.1 शब्दों के अर्थों पर चर्चा करना और विभिन्न प्रकार के ग्रंथों या अन्य सामग्री को सुनकर और पढ़कर शब्दावली विकसित करना</p>	चित्रों द्वारा मुहावरों का प्रस्तुतिकरण	<ul style="list-style-type: none"> वाचन कहानी सुनाना श्रुतलेख अभ्यास-पत्र

दिसंबर	<p>12) दुनिया काँच का महल</p> <p>13) नीति के दोहे (केवल दोहा-पाठ)</p> <p>व्याकरण-</p> <ul style="list-style-type: none"> अशुद्धि-शोधन वाक्यांशों के लिए एक शब्द (31-60) 	<p>C1.2 सुनाई गई या पढ़ी गई कहानियों को समझना और पात्रों, कहानी और मुख्य पहलुओं की पहचान करना</p> <p>C1.4 मौखिक प्रस्तुतियाँ देना और समूह चर्चाओं में भाग लेना</p> <p>C3.2 सरल पोस्टर, निमंत्रण और निर्देश बनाना, जिसमें उचित जानकारी और उद्देश्य होते हैं।</p> <p>C4.1 शब्दों के अर्थों पर चर्चा करना और विभिन्न प्रकार के ग्रंथों या अन्य सामग्री को सुनकर और पढ़कर शब्दावली विकसित करना</p> <p>C4.1 शब्दों के अर्थों पर चर्चा करना और विभिन्न प्रकार के ग्रंथों या अन्य सामग्री को सुनकर और पढ़कर शब्दावली विकसित करना</p>		<ul style="list-style-type: none"> वाचन दोहा-पाठ श्रुतलेख दोहों पर आधारित पोस्टर बनाना अभ्यास-पत्र
जनवरी	<p>14) किन्नौर देश की ओर (केवल वाचन एवं श्रुतलेख)</p> <p>व्याकरण-</p> <ul style="list-style-type: none"> मुहावरे (पृष्ठ 110) रचनात्मक लेखन (मौखिक एवं लिखित) 	<p>C1.2 सुनाई गई या पढ़ी गई कहानियों को समझना और पात्रों, कहानी और मुख्य पहलुओं की पहचान करना</p> <p>C4.1 शब्दों के अर्थों पर चर्चा करना और विभिन्न प्रकार के ग्रंथों या अन्य सामग्री को सुनकर और पढ़कर शब्दावली विकसित करना</p> <p>C3.1 समझ और अनुभवों को व्यक्त करने के लिए एक अनुच्छेद लिखना</p> <p>C1.4 मौखिक प्रस्तुतियाँ देना और समूह चर्चाओं में भाग लेना</p>		<ul style="list-style-type: none"> वाचन शब्द-खोज श्रुतलेख यात्रा-वर्णन (मौखिक एवं लिखित)
फरवरी	<ul style="list-style-type: none"> अपठित गद्यांश चित्र-वर्णन संवाद-लेखन 	<p>C1.2 सुनाई गई या पढ़ी गई कहानियों को समझना और पात्रों, कहानी और मुख्य पहलुओं की पहचान करना</p> <p>C2.4 कहानियों, कविताओं और पोस्टरों का अर्थ समझना</p> <p>C3.3 कल्पना और अनुभव के आधार पर कहानियाँ, कविताएँ और वार्तालाप लिखना</p>		<ul style="list-style-type: none"> अपठित गद्यांश चित्र-वर्णन अभ्यास-पत्र

	<ul style="list-style-type: none"> • कहानी-लेखन • पुनरावृत्ति 	C3.3 कल्पना और अनुभव के आधार पर कहानियाँ, कविताएँ और वार्तालाप लिखना		<ul style="list-style-type: none"> • श्रुतलेख
मार्च २४	वार्षिक परीक्षा			

SUBJECT -MATHS CLASS 5 (2025-26)

MONTH	UNIT	TOPICS	COMPETENCIES	ART INTEGRATION ACTIVITY	SUBJECT ENRICHMENT ACTIVITY
APRIL	1)RECAPITULATION OF CLASS 4 TOPICS 2) LARGE NUMBERS	7 digit nos 2)8 digit nos 3)Comparing nos 4)Place value 5)International system and all concepts related to it . 6)Roman numbers	C1.1 Represents numbers using the place value structure of the Indian number system, international system , compares whole numbers and knows and can read the names of very large numbers.	1) Formation of 8 digit numbers using plag cards 2) Arranging the area of the continents of the world in ascending order	1)Worksheets 2)Quiz 3) Class test
	3) ADDITION N SUBTRACTION AND THEIR APPLICATIONS Junior Thinkers -Series	1)Addition of Large numbers 2)Subtraction of large numbers 3) Profit n Loss 4) Word problems	C1.3 Understands and visualizes arithmetic operations and the relationships among them, knows addition, subtraction.	Adding Area of neighbouring countries of India with pictures	1) Role play - Topic Profit n Loss 2)Worksheets 3) Class test 4) Framing your own problem sums
MAY	4)MULTIPLICATION AND DIVISION AND THEIR APPLICATIONS Junior Thinkers - Analogy	1)Multiplying by 2 digit nos 2) Multiplication with 3 digit nos 3)Average	C4.1 Solves puzzles and daily life problems involving one or more operations on whole numbers	1) Find the average of your marks in 5 main subjects of class 4 2) Find the average weight of your family members	1)Worksheets 2)Class test 3) Frame your own problem sums
JULY	5))MULTIPLICATION AND DIVISION AND THEIR APPLICATIONS 6) Factors and Multiples Junior Thinkers - Classification	1)Unitary method 1)Rules of Divisibility 2) Prime n Composite numbers 3)Prime factorisation 4) HCF(division method) 5) LCM (division method)	C1.3 Understands and visualizes arithmetic operations and the relationships among them, knows addition, subtraction and knows addition and four basic operations.		1)Worksheets 2) Class test

AUGUST	7)GEOMETRY Junior Thinkers -Alphabet Test	1)Angles – Types of Angles Measuring 2)Drawing of angles	C2.1Identifies, compares and analyses attributes of two and three dimensional shapes and develops vocabulary to describe their attributes / properties.	1) Write your name in capital letters. Count different types of angles in it. 2)Make the elephant head using origami and mark the angles formed in it .	1)Worksheets 2)Doing Yoga Assaans and finding different angles found in it 3) Use your body parts like fingers to make different types of angles 4) class test 5)To make closed geometrical shapes using 3, 4, 5 ,6 match sticks 6) Write the word Mathematics and find the number of angles formed in it and its kind
	8)Symmetry , Pattern n Net	1)Number patterns 2)Making nets of a cube , cuboid	C2.3 Recognises and creates symmetry in familiar2D and 3D shapes	1) Make the net of cube using paper folding	1)To find the lines of symmetry in different regular shapes
SEPTEMBER	9)Fractions Junior Thinkers – Ranking Test	1)Equivalent fractions 2)fractions in lowest term 3)comparing fractions 4) addition n subtraction of unlike fractions 5) Multiplication of fractions 6) Reciprocal	C1.2 Represents and compares Commonly used fractions in daily life as parts of whole units as locations on number line	1) Multiply a fraction by a whole number using paper strip 2) Divide 2 by $\frac{1}{4}$ using a string	1)Work sheet 2)class test
OCTOBER	10) Decimal Numbers Junior Thinkers – Direction Sense	1)Thousandth 2)Like n unlike decimals 3)Comparing decimals 4)Addition n subtraction of decimals 5)Multiplication of decimals	C5.1Understands the development of zero in India and the Indian place value system for writing numerals		1)Activity based on saving water Calculating for the month of october 2)Class test

	<p>11) Measurement</p> <p>Junior Thinkers – Missing Numbers</p>	<p>1)Measurement of length Mass , capacity 2)Addition n subtraction of metric measures</p>	<p>C3.1 Measures in nonstandard and standard units and evaluates the need of standard units. C3.3 Carries out simple conversions like from metre to centimetres. C3.7 Devises strategies for estimating the distance length , mass , capacity and verifies same using standard units</p> <p>C3.5 Devises strategies for estimating the distance , length, time, perimeter, area, weight and volume and verifies the same using standard units.</p> <p>C3.6 Deduces that shapes having equal areas can have different perimeters and shapes having equal perimeters can have different areas.</p>	<p>1)Fun activity How much will you weigh on the moon ? Each child will calculate . 2)To give practical exposure in measuring , divide the class in group of 5 . Each group will measure the height of each student . Arrange in ascending order.</p>	<p>1)To mark $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$ m on a string of length 1m</p>
NOVEMBER	<p>12) Perimeter , Area</p> <p>Junior Thinkers – Missing Numbers</p>	<p>1)Perimeter by formula 2) Area by formula 3)Area of irregular shapes</p>	<p>C3.2 Use an appropriate unit and tool for the attribute like perimeter and area being measured. C3.3 Carries out simple conversions like from metre to centimetres. C3.4 Understands the definition and formula for the areas of a square or rectangle as length times breadth.</p>	<p>1)Find the area of your state and its 5 neighbouring states in sq km 2)Find the area and perimeter of your handkerchief</p>	<p>1)worksheets 2) class test 3)To calculate perimeter and area of different regular figures using square paper</p>

DECEMBER	13) Time , Speed Junior Thinkers – Completion of in complete pattern	1)Conversion of Time 2)Addition n subtraction of Time 3)Time intervals 4) Distance ,speed , time	C3.7 Uses an appropriate unit and tool for the attribute(like time)being measured . C3.7 Devises strategies for estimating the time and verifies same using standard units	1)Find out the time in 5 different countries of the world and compare it with time of India that time 2)Find the names of any 3 trains from Delhi to Mumbai and note down their departure n arrival time .	1)worksheets 2)class test
JANUARY	14) Maths in Maps 15) Assignment	1) What is a map ? 2) scale , distance in maps , directions in map	C2.2 Describes location and movement using both common language and mathematical vocabulary , understands the notion of map.	1)Draw the map of your house .	1)worksheet 2)class test
FEBRUARY	Revision	Revision			

CLASS - V (2025-26)
SYLLABUS SUBJECT - SCIENCE

MONTH	UNIT	TOPICS	COMPETENCIES	ART INTEGRATION ACTIVITY	PRACTICALS	SUBJECT ENRICHMENT ACTIVITY
Apr 25	Unit I - Food	L1 Plant reproduction	C1.1 Observes and identifies the natural (insects, plants, birds, animals) components in their immediate environment.		Structure of the seed.	Collect 6 pictures of different seeds, sort and paste .
	Unit II - The world of the living	L2 Habitats of Animals	C4.1 Observes and describes diversity among birds and animals in immediate environment (shape, sounds, food habits, growth, habitat).			
May 25		L2 Habitats of Animals (contd)	C3.1 Describes the basic safety needs and protection (food, water, shelter) of birds and animals.	Role play - Habitat and adaptation		
July 25	Unit II - The world of the living	L3 Movements and breathing in animals	C6.1 Performs simple enquiry related to specific questions independently or in groups.		Tabulate breathing rate	Group Presentation - On movement in animals (Land and Water)
		L4 Skeletal and Nervous system	C6.2 Presents observations and findings through different creative modes (drawing, diagram)			
Aug 25	Unit II - The world of the living	L4 Skeletal and Nervous system (contd)		Using earbud, toothpicks, clay, buttons etc to make model of Human skeleton		

		L5 Health and Hygiene	C3.1 Describe the basic safety need and protection (health and hygiene, food, water, precautions) of humans.			Healthy Plate
Sept 25	Unit III - Materials	L7 Rocks, minerals and soil	C4.3 Describes uses of natural resources in their immediate environment.		To demonstrate that rocks can hold liquid/ Layers of Soil	Documentary on Soil conservation - Save the soil.
Oct 25	Unit IV - Natural phenomena	L8 Air and Water	C6.2 Presents observations and findings through different creative modes (drawing, diagram).	Layer of atmosphere	Properties of Air & Removal of insoluble impurities.	
Nov 25	Unit VI - Natural resources	L12 Pollution (Project based)	C4.7 Learns about basic social and behavioural norms, values and dispositions that benefit our social and natural environment and that help our society function smoothly (using dustbins, standing in queues, conserving water, using public transportation, keeping once environment clean). C5.3 Reads simple maps of city, state and country to identify natural and humanmade features (well, lake) with reference of symbols and directions.	Poster making with eye catching slogan on preventing pollution.		
Dec 25	Unit IV - Natural phenomena	L9 Volcanoes, earthquakes, storms	C6.2 Presents observations and findings through different creative modes (drawing, diagram). C3.2 Discusses how to prepare for emergency situations (unseasonal rains, fallen trees) based on discussion with family or personal experiences.			Research - The three types of volcanoes
Jan 26	Unit V - Moving things, people and ideas	L11 Force, machine and energy	C7.1 Gains familiarity with using the scientific method in investigations as well as familiarity with other cross cutting concepts such as energy.	Model of any one type of lever with FLE		
Feb 26	Unit VI - Natural resources	L13 Saving our resources	C4.4 Demonstrates how natural resources can be shared, maintained and conserved (trees, use of rain water).			Documentary on Forest Man of India - Write views on it.
Mar 26		Exams				

Class V- Social Studies Syllabus (2025-26)						
Month	Unit	Topics Covered	Competency	Art Integration	Practical	Subject Enrichment
April	Unit 1	L1- Mapping the Earth	<ul style="list-style-type: none"> • C5.2: Draws a sketch of their surroundings using symbols. • C5.3: Reads simple maps to identify natural and humanmade features. 	Playdough (Physical Map of India) – Using different colors of clay to depict any 4 physical features of India on an A4 size cardboard	NA	Seterra: Online Maps Game to locate continents and the 7 oceans. -Draw a sketch of their neighbourhood.
	Unit 1	L2 -Latitudes & Longitudes	• C6.1: Performs simple inquiries related to specific questions.		NA	Virtual Stimulation –International Delivery Agent Game
May	Unit 1	L2 -Latitudes & Longitudes(cont.)	C6.2: Presents observations and findings through creative modes.	Paper plate globe -plotting important latitudes and longitudes using thread	NA	Worksheet ,Map Work.
Summer Holiday Homework	Unit 1	L3- Movements of the Earth L4– Natural Landforms & Natural Disasters			NA	
July	Unit 2	L5-Climate	• C2.1: Identifies natural and humanmade systems supporting their lives.	Weather Report on daily average temperature of the islands	NA	Diagram on the Heat Zones of the Earth.

	Unit 2	L6-The Land of Dense Forests – The Democratic Republic of the Congo	<ul style="list-style-type: none"> • C1.2: Describes relationships between humans, animals, nature, and traditions. • C2.2: Describes the relationship between the environment and cultural practices. 	Tribal Mask Making -Of the tribes of Zaire namely Bantu and Pygmies.	NA	Mineral Mapping of the Zaire.
August	Unit 2	L 6- The Land of Dense Forests - The Democratic Republic of Congo (continued)	C2.3: Connects environmental changes to family and community life.		NA	Picture description on the traditional practices of the tribals
	Unit 2	L 7- The Land of Sand-Saudi Arabia	<ul style="list-style-type: none"> • C4.2: Observes and describes cultural diversity in the environment. 	Arabic Calligraphy Activity	NA	Drag and drop activity of place and things of interest in Saudi Arabia. – worksheet
September Half Yearly Examination	Unit 2	L 8 – The Treeless Grasslands- The Prairies	<ul style="list-style-type: none"> • C4.3: Describes the use of natural resources. • C4.2: Observes and describes cultural diversity in the environment. 	Indigenous Mat weaving using paper	NA	Worksheet, animated video of Pingu, the Penguin who resides in Arctic under similar circumstances.
October	Unit 3	L 9 – The Land of Snow- Greenland	<ul style="list-style-type: none"> • C1.2: Describes relationships between humans, animals, nature, and traditions. 	Inuit bookmark	NA	
	Unit 3	L 10- The Revolt of 1857	<ul style="list-style-type: none"> • C4.6: Identifies the needs of people in different situations. 	Rebels in Strings: The Revolt of 1857 Puppet Theatre		Mind Map – Timeline of events leading to the Revolt.

			<ul style="list-style-type: none"> • C6.1: Performs simple inquiries related to specific questions. 	– Create puppets , script and perform		
November	Unit 3	L 11 – Our Freedom Movement -I	<ul style="list-style-type: none"> • C4.2: Observes and describes cultural diversity in the environment. • C4.7: Learns about basic social and behavioral norms. 	Chronicles of Independence: Freedom Struggle Gazette” (Newspaper Front Page Activity)	NA	Segregating moderates and extremist from within the INC- Sketch Work
	Unit 3	L 12- Our Freedom Movement - II	<ul style="list-style-type: none"> • C4.6: Identifies the needs of people in different situations. 		NA	-Flashcards on the mass movements -Worksheets
December	Unit 3	L 13 -The World from 1914-45	<ul style="list-style-type: none"> • C6.2: Presents observations and findings through creative modes. 		NA	
Winter Holiday Homework	Unit 3	L 13 -The World from 1914-45		A war-time propaganda poster		
	Unit 4	L 14 -Governing Ourselves	<ul style="list-style-type: none"> • C1.4: Explains the functioning of local institutions. • C4.7: Learns about basic social and behavioral norms. 	Mock Parliament	NA	
January	Unit 4	L 15- The United Nations	<ul style="list-style-type: none"> • C3.2 Discusses preparation for emergency situations. 	UN Flag Banner/ Buntings – Bunting of national flags of member nations .	NA	Maps work showing the former members of Warsaw Pact and NATO.

February	Unit 4	L 16 – Save the Environment (Activity)	<ul style="list-style-type: none"> • C4.5: Identifies and supports the needs of plants and animals. 	Bird Feeder- Best Out of Waste	NA	
March		FINAL EXAMS			NA	Worksheets

SUBJECT - COMPUTER CLASS – 5 (2025-26)

MONTH	UNIT	TOPICS	ART INTEGRATION ACTIVITY	PRACTICALS	SUBJECT ENRICHMANET ACTIVITY
APRIL	3) Formatting a presentation	Applying themes, working with slide master, changing the background, inserting SmartArt, animations, slide transitions	Using shapes, animations & smart art	Making a ppt on GLOBAL WARMING	Label components of powerpoint screen
MAY	7) Data processing	Data & information, sorting data, representing information, decoding		Scratch story on “my dream vacation”	Count similar objects
JULY	4) Introduction to Excel 2016	Features, enter data, working with sheets, changing active cell	Creating a chart	Creating a Marksheet	Label components of excel screen
AUGUST	5) Editing cell contents in Excel 2016	Select cells, enter date & time, changing cell contents, undo, redo, copy & move, delete. Autofill		Creating a Score card of a T20 match	
SEPTEMBER	REVISION & EXAMS				
OCTOBER	6) Internet & E-mail	Internet, requirements, types of connection, using browser, URLs, E-mail		Sending e-mails	Sending e-mails
NOVEMBER	2) Advanced features of Word 2016	Spelling & Grammar, thesaurus, find & replace text, page, paragraph, column formatting, mail merge	Using designer border in the letter	Writing an informal letter to invite 20 friends to your birthday party using mail merge in Ms word	
DECEMBER	8) Conditional blocks	Blocks shapes in scratch, sensing blocks, variables, conditional blocks, creating a game		Creating simple games	Creating simple games
JANUARY	9) Concept of smart living	Smart homes, devices used in smart homes	Chart of AI enabled devices in ms word	Creating score card games	List of AI enabled devices at homes
FEBRUARY	REVISION & EXAMS				

SYLLABUS 2025-26
SUB. -GK
CLASS -5

MONTHS	CONTENT
APRIL	UNIT-1
MAY	UNIT-2
JULY	UNIT-3
AUGUST	UNIT-4
SEPTEMBER	UNIT-5
OCTOBER	UNIT-6
NOVEMBER	UNIT-7
DECEMBER	UNIT-8
JANUARY	UNIT-9
FEBRUARY	UNIT-10
MARCH	REVISION & EXAM

SUBJECT – ART CLASS – 5- (2025-26)

MONTH	TOPICS	COMPETENCY
APRIL	<ol style="list-style-type: none">1. Basic free hand drawing elements of art.2. Colour theory cool and warm colours, complementary colours and colour mixing <p>Colouring practice with shading activities in art file</p>	<p>C1.1 Creates and presents a variety of artwork to communicate their ideas and emotions in any of the visual art forms.</p> <p>C1.2 Describes varied materials, tools, and processes used in visual art and demonstrates familiarity with some of their own art work</p> <p>C1.3 Creates artworks collaboratively and shares own thoughts and feelings while responding to arts and culture in their surroundings.</p>
MAY	<ol style="list-style-type: none">1. How to do Shading Concept of light and dark in detail <p>Understanding composition negative and positive space. drawing compositions with line shapes and forms .</p>	<p>C1.2 Describes varied materials, tools, and processes used in visual art and demonstrates familiarity with some of their own art work.</p>
JULY	<ol style="list-style-type: none">1. Learning techniques of drawing Understanding concept of perspective. (two compositions to be done in art file)2. Poster making	<p>C1.1 Creates and presents a variety of artwork to communicate their ideas and emotions in any of the visual art forms.</p>
AUGUST	<ol style="list-style-type: none">1. Independence day Activities<ol style="list-style-type: none">a. Composition in art file2. Rakhi making	<p>C1.1 Creates and presents a variety of artwork to communicate their ideas and emotions in any of the visual art forms.</p>

SEPTEMBER	1. Pattern design Drawing landscape with pattern	C1.1 Creates and presents a variety of artwork to communicate their ideas and emotions in any of the visual art forms.
OCTOBER	1. Abstract art (human face/landscape) 2. Colour therapy activity 3. Art book activities colouring practice.	C1.1 Creates and presents a variety of artwork to communicate their ideas and emotions in any of the visual art forms. C1.3 Creates artworks collaboratively and shares own thoughts and feelings while responding to arts and culture in their surroundings.
NOVEMBER	1. Drawing Human figure /animal /bird Art work on SDG goals	C1.3 Creates artworks collaboratively and shares own thoughts and feelings while responding to arts and culture in their surroundings.
DECEMBER	1. Christmas month activities Drawing and craft	C1.3 Creates artworks collaboratively and shares own thoughts and feelings while responding to arts and culture in their surroundings.
JANUARY	1. Activities from art book craft and colouring practice 2. Drawing compositions with human figure (human figure drawing)	C1.2 Describes varied materials, tools, and processes used in visual art and demonstrates familiarity with some of their own art work.
FEBRUARY	Calligraphy of your name/letter Practice work	C1.2 Describes varied materials, tools, and processes used in visual art and demonstrates familiarity with some of their own art work.

Physical Education Syllabus 2025-26

Class V

Month	Topics	Competencies
April	<ul style="list-style-type: none"> • Class Introduction • Warm Up Routines - Running/jogging and free hand exercises • PT exercises no.1,2,3 • March past • Kho-Kho practice • Kho kho match 	<ul style="list-style-type: none"> • C1.2 Moves purposefully their body to a beat/rhythm/music • C1.4 Demonstrates basic warm-up exercises and stretching to develop strength and flexibility in the body • C2.1 Demonstrates the ability to play games and activities which require and emphasise teamwork, cooperation, personal responsibility, and communication of ideas
May	<ul style="list-style-type: none"> • Warm Up Routines - Running/jogging and running • PT exercises no 4,5,6 • Yoga asanas (Taadasan, Vriksh asana) • Basketball Throw and catch 	<ul style="list-style-type: none"> ○ C1.2 Moves purposefully their body to a beat/rhythm/music ○ C1.4 Demonstrates basic warm-up exercises and stretching to develop strength and flexibility in the body
June		
July	<ul style="list-style-type: none"> • Warm Up Routines - Running/jogging and free hand exercises • March Past • Throw ball game • Yoga Padmasana • Basketball team selection 	<ul style="list-style-type: none"> ○ C1.4 Demonstrates basic warm-up exercises and stretching to develop strength and flexibility in the body ○ C2.1 Demonstrates the ability to play games and activities which require and emphasise teamwork, cooperation, personal responsibility, and communication of ideas
August	<ul style="list-style-type: none"> • Warm Up Routines - Running • PT exercises no 1,2,3,4,5,6,7,8 • Stretching exercises • Yoga sitting asanas • Football rules • Basketball practice 	<ul style="list-style-type: none"> • C1.2 Moves purposefully their body to a beat/rhythm/music • C1.4 Demonstrates basic warm-up exercises and stretching to develop strength and flexibility in the body • C3.1 Explains the concept of some games, their rules, playing positions, and basic moves

September	<ul style="list-style-type: none"> ● Warm up for 5minutes ● Jumps(both leg ,high knee) ● Cricket selection ● Carom board ● Assessment/grading 	<ul style="list-style-type: none"> ○ C1.4 Demonstrates basic warm-up exercises and stretching to develop strength and flexibility in the body ○ C3.1. Explains the concept of some games, their rules, playing positions, and basic moves
October	<ul style="list-style-type: none"> ● Warm Up Routines - Running/jogging and Running ● Athletic selection ● Inter Ramjas athletic meet (50m, 100m, long jump practice) ● Football ● Outdoor games 	<ul style="list-style-type: none"> ○ C1.4 Demonstrates basic warm-up exercises and stretching to develop strength and flexibility in the body ○ C2.1 Demonstrates the ability to play games and activities which require and emphasise teamwork, cooperation, personal responsibility, and communication of ideas
November	<ul style="list-style-type: none"> ● Free hand exercises ● RBCL Tournament ● Basketball matches participation and observation ● Fun games 	<ul style="list-style-type: none"> ● C1.4 Demonstrates basic warm-up exercises and stretching to develop strength and flexibility in the body
December	<ul style="list-style-type: none"> ● Warm Up Routines - Running/jogging and stretching ● Dodge ball ● Football and Basketball team games ● Surya Namaskar 	<ul style="list-style-type: none"> ○ C1.4 Demonstrates basic warm-up exercises and stretching to develop strength and flexibility in the body ○ C2.2 Creates group norms and rules of the game/activity before playing and reviews These regularly
January	<ul style="list-style-type: none"> ● Warm Up Routines - Running/jogging and free hand exercises ● Yoga ● Races 100m ● Cricket matches (Inter-house) 	
		<ul style="list-style-type: none"> ○ C1.4 Demonstrates basic warm-up exercises and stretching to develop strength and flexibility in the body ● C2.1 Demonstrates the ability to play games and Activities which require and emphasise Teamwork, cooperation, personal Responsibility, and communication of ideas
February	<ul style="list-style-type: none"> ● Fun games ● Circuit training 	<ul style="list-style-type: none"> ○ C1.4 Demonstrates basic warm-up exercises and stretching to develop strength and flexibility in the body

	<ul style="list-style-type: none">• Meditation• Assessment/grading (SA-II)	<ul style="list-style-type: none">• C2.4 Practices care and responsibility towards the Physical activity material, playground, and Facilities
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SUBJECT MUSIC CLASS – 5 (2025-2026)

MONTH	UNIT	TOPICS
APRIL		1. Knowledge of “Seven Swaras” 2. Shlok On “Vidya”
MAY		1. Knowledge of “Alankaar” 2. Practice basic “Alankaars”
JULY		1. Song on “Rath Yatra” 2. Practice “Alankaars” 3. Taal “Dadra, Keherwa, Teentaal”
AUGUST		1. Song on “Independence Day” 2. Song on “Raksha Bandhan” 3. Song on “Janmashtami”
SEPTEMBER		1. Practice all Alankaars, Shlok and all Songs 2. Action Song
OCTOBER		1. Song on “Gandhi Jayanti” 2. Song on “Maa Durga” 3. Song on “Diwali”
NOVEMBER		1. Practice all the Songs and Alankaars 2. Shlok on “Subhashitam”
DECEMBER		1. Song on “Christmas”
JANUARY		1. Song on “Republic Day”
FEBRUARY		Revision all the Alankaars, Shlokas and Songs

	कक्षा 5
माह	विषय नृत्य
अप्रैल	राम भजन नृत्य
मई	गुरु पंदना के शैक्षिक मूवमेंट और तत्कार
जुलाई	गणेश पवन तीन ताल की मध्यलय तत्कार
अगस्त	देशभक्ति सांस्कृतिक नृत्य
सितम्बर	चक्कर धाक तोड़ा टुकड़ा
अक्टूबर	दशहरा नृत्य
नवम्बर	सांस्कृतिक नृत्य
दिसम्बर	किशमभ नृत्य
जनवरी	देशभक्ति सांस्कृतिक नृत्य
फरवरी	तीन ताल की तत्कार तिहाई ताली खाली

**RAMJAS INTERNATIONAL SCHOOL GARDENING
CURRICULUM
GRADE -5**

Total periods: 25

Periods

Content	Month	Description	Theory	Objective	Material required
1.Composting	April (Period 1) Collect kitchen waste(bio-degradable - Veg and fruit peels, used tea leaves. Garden waste - dried leaves, twigs etc.)	We will talk about the following: 1. What is composting? 2. How is it done? 1. Big pots with holes will be placed between 2 bricks for excess water to drain out. 2. Garden waste will be put first. Next layer will be the kitchen waste(from home). Top it up with, waste paper. Add soil.	Show a video or picture showing layers of compost. https://youtu.be/nxTzuasQLFo	SWBAT: 1. Able to handle gardening tools. 2. Describe the method of composting .	1. 2-3 big earthen pots or drums to collect the kitchen waste 2. Gardening tools.
Making of a compost pit Filling up of the compost pit	(Period 2) Area allocated for the pit	Kitchen waste collected in pots/drums is transferred into the pit. Sprinkle water on it The process will continue for a week .	Q1) Differentiate between biodegradable and non-biodegradable waste? Q2) What goes into kitchen waste (bio-degradable) Q3) What things should not be added in the compost pit. Why?	SWBAT: 1. Do composting at home	1. Garden waste 2. Kitchen waste. 3. Waste paper 4. Soil

Making of sowing bed for growing Pumpkins.	April (Period 3)	<p>Soak the pumpkin seeds for 12 -15 hours before sowing.</p> <p>Take a pot or a poly bag (18-20”in diameter and 10- 15” deep) and fill it with 60% garden soil and 40% organic compost. Pumpkin needs 25 to 45 degree centigrade for growing. Sow seed in 1” deep in soil and 4-5” gap .</p> <p>Keep the soil moist till it starts to germinate (4-5) days. Keep the poly bag where it gets 5-6 hours of full Sun. water regularly.</p>	<p>Q) Why we should soak pumpkin seeds in water before germinating them. Ans) Soaking aids water absorption and speeds up germination.</p> <p>Q) How are the pumpkin seeds sown?</p> <p>Ans) Pumpkin seeds are sown in any perforated container with a good mixture of compost and garden soil.</p>	<p>SWBAT: 1) tell the importance of soaking pumpkin seeds before germinating.</p> <p>2) soak the pumpkin seeds for germination.</p> <p>3) make a potting mixture for proper pumpkin germination.</p> <p>4) narrate the procedure of making a germination bed for pumpkin</p>	<p>1) soaked pumpkin seeds</p> <p>2) pots or poly bags for growing vegetables</p>
Pest control (making of pesticides)	April (period-4)	<p>Mix neem oil and water(35 -40 ml in 1 litre of water. Spray it after every 3-4 days.</p> <p>We can use sour curd as pesticide and fertilizer too.</p> <p>Churn the curd completely in the mixer. Mix 1 litre of churned curd in 20 litres of water and mix it completely. Spray it in plants once every 2 months .</p>	Nutrients present in curd: Nitrogen and phosphorus.	<p>SWBAT:</p> <p>1) make their own organic pesticide using neem oil.</p> <p>2) Make sour curd pesticide which acts as manure.</p>	1) neem oil bottle

<p>Keep on moistening the compost pit.</p> <p>Water the pumpkins.</p> <p>Growing Money plants in a bottle of water</p>	<p>May (Period -1)</p> <p>(Period-2)</p>	<p>For growing a money plant we need a thick branch with few roots in it. Also the branch should have a growing tip. We will make a sharp cut to take the twig. Cutting should be a bit longer than the bottle. Dip the branch in the bottle in such a way that roots should not break. Change the water every week.</p>			<p>A glass bottle Money plant Sharp garden scissor A waste plastic bottle</p>
<p>Sowing Bitter gourd</p>	<p>July (period 1)</p>	<p>Soak the bitter gourd seeds for 24 hour in water. Now sow them in disposable glasses having garden soil. Sow 2-3 seeds in one cup. Cover it with soil. Water it and keep it away from the direct sunlight.</p>	<p>Why should we soak the seeds?</p> <p>Ans) In some seed the outer cover is very hard . So to increase the speed of germination seeds are soaked</p>	<p>SWBAT:</p> <p>Tell the importance for soaking the seeds before sowing</p>	<p>1. Bitter gourd seeds. 2.Garden soil</p>

Transplantation for the bitter gourd	July (Period-2)	<p>After 10 days we will get good, bigger seedlings.</p> <p>Start transplanting after 14 days.</p> <p>Always remove the weeds from the side</p> <p>Make a potting mix of 40% soil, 30% cocopeat and 30% compost for the final plantation of the bitter gourd.</p> <p>Transplant the seedlings here.</p>	<p>Q) How weeding is harmful for the plant?</p> <p>Ans) They compete for minerals with the main plant.</p>	<p>SWBAT</p> <p>1) do weeding properly</p> <p>2) do transplantation</p> <p>3) make a proper potting mix</p>	<p>1. garden soil</p> <p>2. compost</p> <p>3. coco peat</p>
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Providing support	August (Period-1)	<p>After 40 days make a support system for the vine to climb up.</p> <p>After every 20-25 days give fertilizer.</p> <p>The flowers will appear after 35 days.</p> <p>Insects, bees and butterflies do the pollination.</p> <p>At this stage the plant need full sunlight.</p>	<p>Q) What are the pollinating agents for bitter gourd?</p> <p>Ans) insects, bees, butterflies are the pollinating agents</p>	<p>SWBAT:</p> <p>1) make proper support system for the bitter gourd vines to grow.</p> <p>2) identify the male and female flowers separately.</p>	<p>1. Sticks</p> <p>2. ropes for tying the vines</p>
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<p>Growing Beans</p>	<p>August (Period 2)</p>	<p>Beans are very rewarding to grow. We will grow the nantes. It tends to grow 5 -7” long. Let us use a round container which is 20” in diameter and has enough holes for drainage at the bottom. The container should be 12” deep.</p> <p>Well prepared garden soil with compost and river sand is good for the carrot. Soil should be loose enough with compost. Carrot roots should be able to pierce the soil. River sand will</p> <p>keep the soil loose. Avoid rocks and other solids in the soil.</p> <p>Sprinkle the seeds over the soil surface evenly . Beans are grown directly rather than transplanted.</p> <p>Separate the closely fallen seeds for better growth.</p> <p>Using the same soil mix, cover the seeds with a thin layer.</p> <p>Press the soil a little with palm and water them using a sprayer or shower.</p> <p>Place the container in direct sunlight.</p> <p>Always keep the soil moist.</p>	<p>Q) What are the various types of beans?</p> <p>Ans) There are almost 13 varieties of beans Some of them are orange, red, purple etc.</p>	<p>SWBAT :</p> <p>1) Make proper containers with potting mix for proper growth of beans.</p> <p>2) Tell the importance of adding river sand for the growth of the beans</p> <p>3) sow a seed properly and water the plants properly without flooding.</p>	<p>1) Seeds of carrot</p> <p>2) Growing bags or pots</p> <p>3) river sand</p> <p>4) garden soil</p>
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Growing of Mint	September (1 st week)	<p>A pot will be prepared to plant mint stems.</p> <p>Mint plants will be brought. The stems will be cut. Each child will plant the stem in the pot making small holes and then covering with soil.</p>	Mint grows with stem cutting.	<p>SWBAT:</p> <p>1) Able to grow mint on their own at home also by stem cutting</p>	<p>1) Pot</p> <p>2) Soil</p> <p>3) Mint plant</p>
Growing radish	October (1 st week)	<p>Buy the seeds of radish. Make a mixture of cocopeat 90% and compost 10% . Put them into the soil bed with proper distance.</p> <p>Press them softly into the soil. If</p>	-----	<p>SWBAT:</p> <p>1) Make a proper potting mix for</p>	<p>1) cocopeat</p> <p>2) compost</p>

		<p>they are still visible then cover them with more compost. After 11 days all the seeds will germinate.</p>		<p>radish seeds sowing.</p> <p>2) Sow the seeds of radish in the soil bed.</p>	<p>3) radish seeds</p>
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Watering Radish Plants	October (2 nd week)	<p>Radishes generally need frequent, light watering, especially during their germination and early growth stages.</p> <ul style="list-style-type: none"> • Initial Germination (Days 1-7): During the first week, the soil should be kept consistently moist but not soggy. Light daily watering (or even twice a day in hot weather) is recommended to help the seeds germinate. • Young Plants (Week 2 to Harvest): Once the plants have sprouted, water them about 2-3 times a week, depending on weather conditions. The soil should remain moist but not overly wet. After 40 days we can harvest the radish. 	<p>Why cocopeat is important?</p> <p>Ans)Cocopeat increases the aeration of soil for proper root growth.</p>	<p>SWBAT:</p> <ol style="list-style-type: none"> 1. Make a potting mix for transplanting radish seedlings. 2. sow the seedlings and take care of them. <p>Students can learn importance of watering and how to check soil moisture by sticking their finger into the soil; if it feels dry up to the first knuckle, it's time to water.</p>	<ol style="list-style-type: none"> 1) clay pots 2) garden soil 3) cocopeat 4) vermicompost.
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Potato plantation (Bring seed potatoes means potatoes having buds from home)	November (Period 1)	<p>Select a grow bag of 20-25” diameter and 18-20” in depth for potato plantation. It should have some drainage holes at the bottom. Fill it half with 60 % garden soil and 40% compost mixture. Pat the soil firmly to</p> <p>set it. In one pot keep 4-5 potatoes(with buds). Do not overcrowd the bags. Cover the potatoes 3-4” of potting mix. Water well. Keep the pot moist. Keep it in a place to get 4-6 hours of sunlight.</p>	<p>Q) Why drainage holes are important?</p> <p>Ans) So that soil should be kept moist. Water accumulation may spoil the roots</p>	<p>SWBAT:</p> <p>1. Make a proper potting mix for potatoes.</p> <p>2. sow the seeds properly by keeping distance</p>	<p>1) Garden soil</p> <p>2) Compost</p> <p>3) Potatoes with buds.</p> <p>4) grow bags</p>
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Taking care of the seedlings	November (Period 2)	<p>After 6-7 days new shoots will rise up. Keep on watering to keep the soil moist, not wet. Once the shoots will grow we will add more potting mix on the top of potato maturing stands. Depth and darkness also improves the flavor of the potatoes. Repeat the filling. After 20-25 days add compost to the plant.</p> <p>When the plants dried up after 100-120 days potatoes are ready to be dug out.</p>	<p>Potatoes are underground stems which store the food for the plant.</p>	<p>SWBAT :</p> <p>1)take care of the seedling by applying manure properly.</p> <p>2) identify when to go for the potato harvesting.</p>	
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Observing the seedlings	November (3 rd week)	After 8 days seedlings appears. Water very gently. Water frequently but do not over water. Spinach grows well below 26 degree Celsius.	-----	-----	
Making of organic manure	November (period -4)	Take 5 litres water. Add half kg cow dung and 250g desi jaggery. Keep for 3-4 days in shady area. Stir the water every day. Add this 5 litres mixture in 20 litres of water.	Q) Why should we use desi jaggery? Ans) because it does not contain soda.	SWBAT: Make organic pesticides	1) desi gur 2) cow dung 3)big plastic bucket

Growing methi	December (1 st period)	Take good quality seeds. Make the mixture of 60% garden soil and 40%compost. Mix them well Take a container with drainage holes at the bottom. Cover the holes with small pebbles. You can take shallow plastic tub like container. Fill it with mix and water well before sowing the seeds. Sprinkle the seeds on the bed and make sure that they are not overcrowded. Cover the seeds with some more potting mix and water again. Keep the soil in partial Sunlight. Seeds will germinate in 4-5 days	Fenugreek is loaded with minerals like iron, manganese , vitamin B6	SWBAT: 1) make a potting mix for methi plantation 2) sow the seeds	1) garden soil 2) compost 3) methi seeds 4) container for sowing
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Harvesting (giving the first cut)	December (2 nd period)	After 25 days fenugreeks will be ready to harvest. Just cut the top 2-3” of the plant. This will encourage new growth of the leaves. We can harvest 3-4 times	Name some organic pesticides you can use ?	SWBAT : 1) cut the upper layer of leaves carefully so that	-----
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		from the same plant. Avoid overwatering to remove the growing of pests. In case of afid attack you can spray neem oil or garlic paste.	Ans) Neem oil. Garlic pastes dissolved in water can be used as organic pesticide.	2 nd cutting can be made after few days. 2) apply organic pesticides on the plants.	
Peas Soaking of the seeds	January (1 st period)	Purchase the seeds from the local garden. Best temperature for seedlings is 15-25 degree centigrade. Soak the seeds overnight for best germination.	Q)Why should we soak the seeds? Ans) Soaking softens the seed coat and helps in germination	SWBAT: 1. Soak the seeds to get better germination	1. Seeds

Sowing of the seeds	February (2 nd period)	<p>Take 30% garden soil and 30% cocopeat and 40% vermicompost or cow dung manure. Add 50g of vermiculite and 50 g of perlite.</p> <p>Mix all of them together. Use clay pots with holes at bottom and fill the potting mix. Sow the seeds by making holes with the fingers (2.5cm deep) and 2-6 inches apart. Keep one seed in one hole.</p> <p>Cover the hole with the same potting mix and water well. Place them in a partially shaded place</p>	<p>Fertilizers can be:</p> <ol style="list-style-type: none"> 1. bone meal 2. cow dung 3. sea meal 4. neem cake 5. mustard cake 	<p>SWBAT :</p> <ol style="list-style-type: none"> 1) make a potting mix for pea plants. 2) sow the seeds properly 	<ol style="list-style-type: none"> 1) garden soil 2) vermicompost 3) cocopeat 4) vermiculite
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Taking out the weak seedlings	February (3rd period)	<p>for 10-15 days After 16 days seedlings will grow quite big. Start giving fertilizers after 30 days.</p> <p>After 72 days flowers will appear. After 84-90 days pods will appear and ready to harvest.</p> <p>After 7 days, seedlings will appear. After 15 days, take out the weak seedlings and water heavily. The main stem is called the first generation. It will give out only male flowers. Give it a cut after 8-10 feet. After this both male and female flowers will come out. Take the help of my gardener uncle to grow the second and third generation flowers.</p>	<p>What are the first generation, second generation and third generation flowers ?</p> <p>Ans) These are called 3 G cutting techniques?</p>	<p>SWBAT : develop an understanding of giving the 3 G cutting to the stem for more production of flowers</p>	<ol style="list-style-type: none"> 5) perlite 6) clay pots
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