

*All these competencies are taken from CBSE HPC document.

CLASS IV
ENGLISH SYLLABUS
2025-26

MONTH	UNIT	TOPICS	COMPETENCY	ART INTEGRATION ACTIVITY	PRACTICALS	SUBJECT ENRICHMENT ACTIVITY
April (23)		Literature: L-1 How Old Is Muttaji? L-2 The Turkish Cap (Activity) Grammar: L-1 Common and Proper Noun L-2 Singular and Plural L-3 Countable and Uncountable Nouns L-4 Collective Nouns L-5 Nouns and Gender Radiant Reader : L- 1 Henri-The Red Cross Hero-1* Poem : Colours (Recitation) Creative Writing: Topic: “The person who inspires me the most”	C1.2 Summarises core ideas from the material read out in class. C2.2 Understands main ideas and draws essential conclusions from the material read. C3.4 Uses appropriate grammar and structure in their writing. C4.1 Discusses meanings of words and develops vocabulary by listening to and reading a variety of texts.	Turkish Cap Making Singular-Plural Bingo	Reading	Worksheet and Creative Writing
May (13)		Literature: Poem: Going Downhill (Comprehension)	C1.3 Makes oral presentations	Poem Illustration	Recitation	Brain Explore !

		Grammar: L-6 Pronouns(QA,B&C) L-7 Homophones and Homonyms Radiant Reader : L- 2 Henri-The Red Cross Hero-II Creative Writing: My favourite game .(Pg 22)	C2.1 Applies varied comprehension strategies (inferring, predicting, visualising) to understand different texts. C3.4 Uses appropriate grammar and structure in their writing.	Homophone Show and Tell		
July (26)		Literature: L- 3 Adventure in the Andamans L-4 A Holiday on Mars Grammar: L-9 Verbs L-10 Adjective Radiant Reader : L- 1, 2 The Cruel King Of The Jungle I and II (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. C3.4 Uses appropriate grammar and structure in their writing.	Verb and Adjective Comic Strip	Listening Reading	Vocabulary Building

August (23)		Literature: L-5 The Treasure Hunt (Activity) Poem : If You Can't Go Over or Under (Comprehension) Writing: If I find A Hidden Treasure REVISION	C4.2 Discusses meanings of words and develops vocabulary by listening to and reading a variety of texts or other areas. C1.2 Summarises core ideas from material read out in class. C3.1 Writes a paragraph to express understanding and experiences.	Role-Play: Treasure Hunt	Speaking	Vocabulary Enrichment
September (22)		TERM-II Literature: Poem: A Prayer (Comprehension) Grammar: L-12 Present Tense L-13 Past Tense Radiant Reader : Poem : Rain In Summer (Activity-Creative Writing-A rainy day....)	C1.1 Listens to poems, stories, and conversations and locates important ideas in them. C1.3 Makes oral presentations C3.4 Uses appropriate grammar and structure in their writing. C3.1 Writes a paragraph to express understanding and experiences.		Listening Recitation	Creative Writing

October (17)		Literature: L-6 Irah's Flower Garden L-7 The Four Strings Band L-8 The bird With The Broken Wing Grammar: L-14 Future Tense REVISION: Present Tense, Present Continuous Tense and Past Tense Radiant Reader : L-10 Guru Nanak 1 (Unseen Passage) Writing: Picture Sequence Story (pg. 21)	C1.2 Summarises core ideas from material read out in class. C3.4 Uses appropriate grammar and structure in their writing. C5.1 Borrows books from the library regularly to read at home.	3D Models of Musical Instruments	Listening Reading	Unseen Passage
November (23)		Literature: L-9 Doctor Dolittle Grammar: L-17 Articles L-18 Punctuation Radiant Reader : L-11 Guru Nanak-11 (Morals and teachings)	C1.1 Listens to poems, stories, and conversations and locates important ideas in them. C3.4 Uses appropriate grammar and structure in their writing. C2.3 Reads stories and passages fluently and accurately with appropriate pauses.	Animal Illustrations	Listening Speaking	Worksheet
December (25)		Literature: Poem : The River (Comprehension)	C3.2 Writes clear and coherent paragraphs that convey their understanding of a given topic/concept or on a reading of a text.	Poster Making on "Pollution"	Recitation	Creative Writing

		Grammar: L-20 Prepositions Radiant Reader : Poem : The World is Mine Writing: Topic:“My Bit To Save Mother Earth...”	C3.4 Uses appropriate grammar and structure in their writing. C5.1 Borrows books from the library regularly to read at home.			
January (13)		Literature: L-10 Kareem’s Forest Grammar: L-21 Conjunctions Radiant Reader: L-13 Uncle Tom-1 * Writing : If I Were (an imaginary writing)	C1.2 Summarises core ideas from material read out in class. C3.4 Uses appropriate grammar and structure in their writing. C3.2 Writes clear and coherent paragraphs that convey their understanding of a given topic/concept or on a reading of a text.	Slogan Writing	Reading	Creative Writing
February (23)		Writing : Picture Sequence Story Unseen Passage Radiant Reader: L-14 Uncle Tom -11* Poem : God Made Them All (Recitation) REVISION	C2.2 Understands main ideas and draws essential conclusions from the material read. C3.4 Uses appropriate grammar and structure in their writing. C5.2 Demonstrates interest in reading books from the library.		Recitation	Picture
March (24)		EXAMS				

पाठ्यक्रम (२०२५-२६)
कक्षा-चतुर्थ विषय-हिन्दी

महीना	पाठ	दक्षताएँ (Competencies)	कला समेकित गतिविधि	विषय संवर्धन गतिविधि
अप्रैल	<ul style="list-style-type: none"> मात्राओं एवं व्याकरणिक अवधारणाओं की पुनरावृत्ति <p>पाठ -</p> <p>१) आया वसंत आया वसंत (कविता)</p> <p>२) गुब्बारे की आत्मकथा (वाचन मात्र)</p> <p>व्याकरण-</p> <ul style="list-style-type: none"> भाषा,लिपि तथा व्याकरण ध्वनि एवं वर्ण रचनात्मक 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 बढ़ाता है, जिससे ध्वनियों (phonemes) और अक्षरों को शब्दों में मिलाना और शब्दों को ध्वनियों/अक्षरों में विभाजित करना</p> <p>C3.1 समझ और अनुभवों को व्यक्त करने के लिए एक अनुच्छेद लिखना</p>	चित्रों द्वारा विलोम शब्दों के जोड़े दर्शाना	<ul style="list-style-type: none"> वाचन शब्द-खोज कविता-पाठ श्रुतलेख अभ्यास-पत्र रचनात्मक अनुच्छेद - मेरा प्रिय मौसम
मई	<p>व्याकरण -</p> <ul style="list-style-type: none"> लिंग, वचन संख्या (१ से ५० शब्दों में) चित्र-वर्णन 	<p>C2.1 ध्वन्यात्मक जागरूकता को बढ़ाना (जिसमें ध्वनियों (phonemes) और अक्षरों को शब्दों में मिलाना और शब्दों को ध्वनियों/अक्षरों में विभाजित करना है।)</p> <p>C4.1 शब्दों के अर्थों पर चर्चा करना और विभिन्न प्रकार के ग्रंथों को सुनकर और पढ़कर शब्दावली विकसित करना</p> <p>C2.4 कहानियों, कविताओं और पोस्टरों का अर्थ समझना</p>		<ul style="list-style-type: none"> वाचन अभ्यास-पत्र श्रुतलेख चित्र-वर्णन

जुलाई	<p>३) उड़ने का सुख ४) शून्य (कविता-पाठ एवं श्रुतलेख) व्याकरण -</p> <ul style="list-style-type: none"> • संज्ञा के भेद • वाक्यांशों के लिए एक शब्द • पर्यायवाची (१ से २५) • विलोम शब्द (१ से ३०) • अनुच्छेद लेखन 	<p>C1.1 कविताओं, कहानियों और वार्तालापों को सुनना और उनमें महत्वपूर्ण विचारों का पता लगाना C1.4 मौखिक प्रस्तुतियाँ देना और समूह चर्चाओं में भाग लेना C4.1 शब्दों के अर्थों पर चर्चा करना और विभिन्न प्रकार के ग्रंथों या अन्य सामग्री को सुनकर और पढ़कर शब्दावली विकसित करना C3.2 सरल पोस्टर, निमंत्रण और निर्देश बनाना, जिसमें उचित जानकारी और उद्देश्य होते हैं।</p> <p>C3.1 समझ और अनुभवों को व्यक्त करने के लिए एक अनुच्छेद लिखना</p>	<p>अपनी पसंद के पक्षी का चित्र बनाकर सुंदर रंग भरना</p>	<ul style="list-style-type: none"> • वाचन • कविता-पाठ • श्रुतलेख • अभ्यास-पत्र • पोस्टर गतिविधि • अनुच्छेद - मेरा प्रिय पक्षी
अगस्त	<p>५) सेंडलवुड सिटी मैसूर ६) एक पत्र ऐसा भी (वाचन एवं श्रुतलेख) व्याकरण-</p> <ul style="list-style-type: none"> • सर्वनाम • अनेकार्थी (१ से १४) • रचनात्मक लेखन 	<p>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 C1.4 मौखिक प्रस्तुतियाँ देना और समूह चर्चाओं में भाग लेना C4.1 शब्दों के अर्थों पर चर्चा करना और विभिन्न प्रकार के ग्रंथों या अन्य सामग्री को सुनकर और पढ़कर शब्दावली विकसित करना C3.1 समझ और अनुभवों को व्यक्त करने के लिए एक अनुच्छेद लिखना</p>		<ul style="list-style-type: none"> • वाचन • कविता-पाठ • शब्द-खोज • श्रुतलेख • अभ्यास-पत्र • रचनात्मक लेखन - मेरा प्रिय शहर

सितंबर	<p>७) श्रेष्ठ दान व्याकरण -</p> <ul style="list-style-type: none"> अपठित गद्यांश चित्र-वर्णन 	<p>C1.2 सुनाई गई या पढ़ी गई कहानियों को समझना और पात्रों, कहानी और मुख्य पहलुओं की पहचान करना</p> <p>C2.3 कहानियों और गद्यांशों को प्रवाहपूर्ण और सटीक रूप से उचित ठहराव के साथ पढ़ना</p> <p>C2.4 कहानियों, कविताओं और पोस्टरों का अर्थ समझना</p>	श्रेष्ठ दान एकांकी का अभिनय	<ul style="list-style-type: none"> अभिनय शैली में वाचन श्रुतलेख अपठित गद्यांश चित्र-वर्णन
अक्टूबर	<p>८) तात्त्विक चान : घायलों से मिलना (वाचन एवं श्रुतलेख)</p> <p>९) संगति का प्रभाव व्याकरण-</p> <ul style="list-style-type: none"> क्रिया और काल विलोम(३१ से ६०) 	<p>C2.3 कहानियों और गद्यांशों को प्रवाहपूर्ण और सटीक रूप से उचित ठहराव के साथ पढ़ना</p> <p>C1.3 सार्थक और सुसंगत रूप से बातचीत करना</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>		<ul style="list-style-type: none"> वाचन अनुभव कथन श्रुतलेख अभ्यास-पत्र
नवंबर	<p>१०) ईदगाह</p> <p>११) शनि ग्रह की सैर (वाचन एवं श्रुतलेख)</p> <p>व्याकरण -</p> <ul style="list-style-type: none"> विशेषण के भेद अनेकार्थी (१५ से २८) 	<p>C2.3 कहानियों और गद्यांशों को प्रवाहपूर्ण और सटीक रूप से उचित ठहराव के साथ पढ़ना</p> <p>C1.2 सुनाई गई या पढ़ी गई कहानियों को समझना और पात्रों, कहानी और मुख्य पहलुओं की पहचान करना</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>	ईदगाह पाठ के आधार पर किसी भी मेले का चित्र बनाकर रंग भरना	<ul style="list-style-type: none"> वाचन अन्य कहानी सुनाना अभ्यास-पत्र श्रुतलेख

	<ul style="list-style-type: none"> 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>C3.1 समझ और अनुभवों को व्यक्त करने के लिए एक अनुच्छेद लिखना</p>		<ul style="list-style-type: none"> अनुच्छेद:जब मैं मेले में गया
दिसंबर	<p>१२) मेट्रो रेल है बड़ी निराली (वाचन एवं श्रुतलेख)</p> <p>१३) अब और प्लास्टिक नहीं व्याकरण-</p> <ul style="list-style-type: none"> मुहावरे विराम चिन्ह पर्यायवाची (२६ से ५२) 	<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>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 शब्द-खोज वार्तालाप श्रुतलेख अभ्यास-पत्र
जनवरी	<p>१४) नदी (कविता-पाठ) व्याकरण -</p> <ul style="list-style-type: none"> अशुद्धि शोधन रचनात्मक लेखन 	<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>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>C3.1 समझ और अनुभवों को व्यक्त करने के लिए एक अनुच्छेद लिखना</p>		<ul style="list-style-type: none"> कविता-पाठ श्रुतलेख अभ्यास-पत्र रचनात्मक लेखन :पानी ही जीवन है

फरवरी	<ul style="list-style-type: none"> अपठित गद्यांश चित्र-वर्णन संवाद-लेखन कहानी-लेखन पुनरावृत्ति 	<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> <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 श्रुतलेख
मार्च	वार्षिक परीक्षा			

SUBJECT -MATHS CLASS 4 (2025-26)

MONTH	UNIT	TOPICS	COMPETENCIES	ART INTEGRATION ACTIVITY	SUBJECT ENRICHMENT ACTIVITY
APRIL	1) RECAPITULATION OF CLASS 3 TOPICS 2) LARGE NUMBERS JUNIOR THINKERS Series	1) 5-digit numbers 2) Place value 3) Face value 4) 6-digit numbers 6) comparing numbers 7) Ascending and Descending order 7) forming greatest number 8) forming smallest number 9) Rounding numbers 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.	Art Integrated Activity/ Classroom Activity: <ul style="list-style-type: none"> Forming the largest and smallest 6-digit numbers using number cards Using Roman numbers to create various designs 	1) Worksheets 2) Quiz 3) Find the population of the largest 5 cities of India and arrange them in descending order.
	3) ADDITION and SUBTRACTION JUNIOR THINKERS Analogy	1) Addition of 4-digit numbers 2) Addition of 5-digit numbers 3) Subtraction of 5-digit numbers 4) Checking subtraction by addition 5) Combining addition and subtraction	C1.3 Understands and visualizes arithmetic operations and the relationships among them, knows addition, subtraction.	Art Integrated Activity/ Classroom Activity- <ul style="list-style-type: none"> Magic square Frame your own story sums 	1) Worksheets story sums 2) Case Study Questions 3) Find the difference between the longest and the shortest river in the world

MAY	ADDITION and SUBTRACTION (CONT.) JUNIOR THINKERS Classification	1) Addition of 4-digit numbers 2) Addition of 5-digit numbers 3) Subtraction of 5-digit numbers 4) Checking subtraction by addition Combining addition and subtraction.	C1.3 Understands and visualizes arithmetic operations and the relationships among them, knows addition, subtraction. C4.1 Solves puzzles and daily life problems involving one or more operations on whole numbers	Art Integrated Activity/ Classroom Activity: <ul style="list-style-type: none"> • Magic square • Frame your own story sums 	1) Worksheets 2) Holiday Homework
JULY	4) MULTIPLICATION JUNIOR THINKERS Mirror Image	1) Properties of multiplication 2) Multiplying a 4-digit numbers by a 1 digit- number 3) Multiplying a 2-digit numbers 4) Multiplying a 3- digit numbers	C1.3 Understands and visualizes arithmetic operations and the relationships among them, knows addition, subtraction .Knows addition and multiplication tables at least up to 10x10and applies four basic operations on whole numbers to solve daily life problems.	Art Integrated Activity/ Classroom Activity: Multiplication Ladder Quiz on Multiplication Facts	1) Worksheets Multiplication trick game
	5) DIVISION JUNIOR THINKER Ranking	1) Properties of Division 2) Checking division 3) Division of a 4- digit c 4) Dividing by 10, 100 5) Dividing by a 2- digit number 6) Dividing by a 3- digit number by a greater 2- digit number 7) Dividing a 4-digit number by a 2-digit number	C1.3 Understands and visualizes arithmetic operations and the relationships among them, knows addition, subtraction .Knows addition and multiplication tables at least up to 10x10and applies four basic operations on whole numbers to solve daily life problems . C4.1 Solves puzzles and daily life problems involving one or more operations on whole numbers	Art Integrated Activity/ Classroom Activity- Division Trick Quiz on Division Facts	1) WORKSHEETS 2) Quiz

AUGUST	6)GEOMETRY JUNIOR THINKER Cubes and Nets	1) Concepts in geometry 2) Measuring line segments 3) Drawing line segments 4) Closed figures 5) Circles 6) Drawing a circle	C2.1Identifies, compares and analyses attributes of two and three dimensional shapes and develops vocabulary to describe their attributes , properties	Art Integrated Activity/ Classroom Activity- 1) Draw a circle and make beautiful patterns using a compass 2) Make Warli Art form using different geometrical shapes like triangle,rectangle, circle	1) Make different shapes and figures on a dot paper 2) Animated videos
	7) PERIMETER and AREA JUNIOR THINKERS Figures and Matrix	1)Perimeter 2)Area 3) Using half-square units 4) Units of Area 5) Area of irregular shapes	C3.2 Use an appropriate unit and tool for the attribute like perimeter and area being measured. C3.4 Understands the definition and formula for the areas of a square or rectangle as length times breadth. C3.5 Devises strategies for estimating the distance, length, time, perimeter (for regular and irregular shapes) , area (for regular and irregular shapes) , weight and volume and verifies the same using standard units.	Art Integrated Activity/Classroom Activity- 1)Find the area and perimeter of your maths book 2) Find the area of your hand by tracing it on a graph paper	2) Worksheets 3) Finding the area of different objects by counting the squares

SEPTEMBER	8) MULTIPLES and FACTORS JUNIOR THINKERS Completion of Pattern	1) Multiples 2) Properties of multiples 3) Finding multiples of a number 4) common multiple 5) Factors 6) Properties of Factors 7) Finding Factors Factor Tree	C4.3 Selects appropriate methods and tools for comparing with whole numbers, such as mental computation, estimation, or paper pencil calculation in accordance with the context.	Art Integrated 1. Draw a factor tree using your own creativity 2. Finding common multiples using grid method	1) Crossword puzzle WORKSHEETS
OCTOBER	9) FRACTIONS JUNIOR THINKERS Alphabet	1) Fraction of a collection 2) Equivalent fractions 3) Finding Equivalent fractions 4) Like and Unlike fractions 5) Addition and Subtraction of Like Fractions 6) Proper and Improper fractions 7) Converting an improper fraction to mixed fraction 8) Converting a mixed fraction to an improper fraction	C1.2 Represents and compares Commonly used fractions in daily life as parts of whole units as locations on number line.	Art Integrated Activity/ Classroom Activity- • Fraction wheel Addition of fractions using paper strips	1) Worksheet 2) Fraction game

NOVEMBER	10) DECIMAL NUMBERS JUNIOR THINKERS Direction sense	1) . Tenths 2) Parts of decimal number 3) Place-value chart 4) Hundredths 5) Reading decimal numbers 6) Application of decimals	C5.1 Understands the development of zero in India and the Indian place value system for writing numerals	Art Integrated Activity/Classroom Activity- <ul style="list-style-type: none"> • Magic Square with decimal numbers Representing decimal numbers on an abacus	1) Worksheets 2) Place value charts
	11) DATA HANDLING	1) Collecting Data 2) Making Bar graphs with a scale 3) Circle graphs	C1.3 Understands and visualizes arithmetic operations and the relationships among them, knows addition and multiplication tables up to 10 and applies the four basic operations on whole numbers to solve daily life problems.	Art Integrated Activity/ Classroom Activity- Find out how your classmates come to school (Bus, Van, Cycle, Walk, etc) and record the data in a tabular form. Carry out a survey on the favorite cricketer of your friends and represent the data using tally marks.	1) Worksheets 2) Draw a bar graph showing the total numbers of students in classes 4A, 4B and 4C. Find out which section has the highest number of students from the graph.
DECEMBER	12) MONEY JUNIOR THINKER Symmetry	1) Addition and Subtraction of money 2) Multiplication of money 3) Division of money	C4.2 Learns to systematically count and list all possible permutations or combination given a constraint, in simple situations (e.g., how to make a committee of two people from a group of five people)	Art Integrated Activity/ Classroom Activity- Find out the currency used in different countries and their value with respect to Indian Rupee Example: \$1 = ₹81.95 Correlate the use of money in everyday life and share it in the class	1) Role Play method 3) Worksheets

	13) SYMMETRY and PATTERNS	1) Reflection 2) Symmetry and Reflection symmetry 3) Patterns 4) Tessellations 5) Using patterns to make codes	C2.3 Recognizes and creates symmetry in familiar 2D and 3D shapes	Art Integrated Activity/ Classroom Activity- Art Integrated Activity/ Classroom Activity- <ul style="list-style-type: none"> Making beautiful designs using the concept of tiling Making patterns by Ink Blot method using the concept of symmetry	1) Worksheets 2) Quiz on division facts 2) Using reflection symmetry to complete the figure and colour it.
JANUARY	14) MEASUREMENT	1) Measuring Length 2) Drawing a line segment 3) Conversion of Units: Half, Quarter and three-quarter 4) Measurement of Mass 5) Conversion of mass 6) Measurement of Capacity 7) Capacity 8) Conversion of capacity	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 Evaluates the conservation of attributes like length and volume and solves daily-life problems related to them C4.2 Learns to systematically count and list all possible permutations or combination given a constraint, in simple situations (e.g., how to make a committee of two people from a group of five people)	Art Integrated Activity/ Classroom Activity- <ul style="list-style-type: none"> Measuring different objects to improve estimation and measurement skills Collecting containers of different capacity	1) Lemonade making by measuring the ingredients 2) WORKSHEETS

	15) TIME	1) Telling Time 2) Telling Time to the exact minute 3) Using a.m. and p.m. 4) 24-hour clock 5) Time Interval 6) Time period in days 7) Timeline	C3.2 Uses an appropriate unit and tool for the attributes (like time) being measured. C3.5 Devises strategies for estimating the time and verifies same using standard units	Art Integrated Activity/ Classroom Activity- <ul style="list-style-type: none"> Draw a timeline showing the important events of your life. Example- when you were born, when you started walking, when you learned to speak, etc Find the time of arrival and departure of various flights from Delhi to Lakshadweep. Write the time in 24- hour and 12-hour formats. Also, find out the duration of the journey of each flight 	1) worksheets 2) 2) Model of the clock
FEBRUARY	TIME (CONT.)	1) Telling Time 2) Telling Time to the exact minute 3) Using a.m. and p.m. 4) 24-hour clock 5) Time Interval 6) Time period in days 7) Timeline	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	Art Integrated Activity/ Classroom Activity- Draw a timeline showing the important events of your life. Example- when you were born, when you started walking, when you learned to speak, etc Find the time of arrival and departure of various flights from Delhi to Lakshadweep. Write the time in 24- hour and 12-hour formats. Also, find out the duration of the journey of each flight	1) worksheets 2) MODALS
	REVISION			Revision	Revision

CLASS IV (2025-2026)
SYLLABUS SUBJECT- SCIENCE

MONTH	UNIT	TOPICS	COMPETENCIES COVERED	ART INTEGRATION ACTIVITY	PRACTICALS	SUBJECT ENRICHMENT ACTIVITY
Apr	Unit I- The World of The Living	L1- Green Plants	<p>C1.1 Observes and identifies the natural(PLANTS) components in their immediate environment.</p> <p>C1.3 Asks questions and make predictions about shapes of trees, plants, leaves and flowers.</p> <p>C2.1 Identifies natural systems that support their lives (life cycle of plants)</p>	Leaf rubbing - Show the veins	Sunlight is necessary for photosynthesis.	
	Unit I -The World of The Living	L2- Where Plants Live - Adaptations	<p>C1.3 Asks questions and make predictions about shapes of trees, plants, leaves and flowers.</p> <p>C2.1 Identifies natural systems that support their lives (life cycle of plants).</p> <p>C4.1 Observes and describes diversity among plants in immediate environment (shape, growth, habitat).</p>	Using toothpicks making cactus.		Visit to the school garden
May		L2- Where Plants Live - Adaptations (Cont...)				

July	Unit I -The World of The Living	L3- Animals and their babies	<p>C1.1 Observes and identifies the natural(insects, birds and animals) components in their immediate environment.</p> <p>C2.1 Identifies life cycle of animals.</p> <p>C1.5 Uses local materials to create simple objects (family tree, envelopes, origami animals) on their own for display or use in classroom processes.</p>			To make a foldable life cycle of butterfly, frog or cockroach.
	Unit I - The World of The Living	L4- Where animals live - Adaptations	<p>C1.1 Observes and identifies the natural(insects, birds and animals) components in their immediate environment.</p> <p>C3.1 Describes the basic safety needs and protection of birds and animals.</p> <p>C4.1 Observes and describes diversity among birds and animals in immediate environment (food habits, growth, habitat).</p>	Role play - Enact different animals and their adaptations.		
Aug	Unit II - Food - Our Basic Needs	L5- Food- Our Basic Needs	<p>C2.1 Identifies natural system that support their lives(FOOD).</p> <p>C2.3 Food habits</p> <p>C3.1 Describe basic safety needs and protection (Health & Hygiene, food)</p>		Iodine test on food items.	
	Unit II - Food - Our Basic Needs	L6- Digestion (Art Integration)	<p>C3.1 Describe basic safety needs and protection (Health & Hygiene,)</p> <p>C2.2 Describes the relationship between the natural environment (food).</p>	Model of teeth using clay - Types of teeth		

Sept		L6- Digestion (Cont.....)		Role play - Enact different organs of digestive system.		
Oct	Unit III - Materials	L8- Solids, Liquids and Gases	<p>C.7.1 Gains familiarity with using the scientific method in investigations such as matter.</p> <p>C6.1 Performs simple inquiry related to specific questions independently or in groups.</p>		Process of miscible, immiscible and saturated solution.	Arrangement of molecules in solids, liquids and gases.
		L9- Clothes: Our Basic Needs (Project based)	<p>C4.2 Observes and describes cultural diversity in their environment (Clothing and different seasons.</p> <p>C6.1 Performs simple inquiry related to specific questions independently or in groups.</p>			Be a fashion designer- Collect different fibres and paste it in cutout of a girl/boy.
Nov	Unit IV - Natural Phenomena	L10- Weather, Air, Water	<p>C2.1 Identifies natural and human made system that support their lives (Water cycle and seasons).</p> <p>C6.2 Presents observations and findings through different creative modes (drawing, diagram, poem, play, skit, oral and written expression).</p>	Model of the water cycle.		
Dec	Unit V - Moving Things, People and Ideas	L12- Force, Energy and Work (Art Integration)	<p>C.7.1 Gains familiarity with using the scientific method in investigations such as energy.</p> <p>C7.2 Gains familiarity with disciplinary</p>	Model of any one simple machine.		

			<p>core ideas in the natural sciences, as well as in engineering, technology, and applications of science, which reflect the content that will be learned across subject areas in later Grades.</p> <p>C6.2 Presents observations and findings through different creative modes (drawing, diagram, poem, play, skit, oral and written expression).</p>			
Jan	Unit V - Natural Resources	L13- Soil	<p>C4.5 Identifies need of Soil.</p> <p>C6.2 Present observations and findings through drawing and diagram.</p> <p>C4.4 Demonstrates how natural resources can be shared, maintained, and conserved.</p>		Different layers of soil.	Observe texture, colour and properties of different soils.
Feb	Unit V - Natural Resources	L14- Protecting the Environment	<p>C4.3 Describe usage of natural resources in their immediate environment.</p> <p>C4.4 Demonstrates how natural resources can be shared, maintained and conserved.</p> <p>C6.2 Present observations and findings through drawing and diagram.</p>			Tree plantation.
Mar				Exams		

CLASS IV SYLLABUS
SUBJECT – SOCIAL SCIENCE

MONTH	UNIT	TOPICS	ART INTEGRATION ACTIVITY	PRACTICALS	SUBJECT ENRICHMENT ACTIVITY
April		L1- Physical features of India L2 -The Northern Mountains	Action song depicting Physical Features of India	Not Applicable	Virtual tour of the northern Mountain range.
May	L-2	L2 The Northern Mountains (contd)	Collage Work-Make a colourful collage on physical features of India. Make a weather vane Slogan Writing	Not Applicable	PowerPoint Presentation- Will be shown in class .
Summer HHW	L-7 L-9	The Climate of India Forests and Wildlife of India			
June					
July	L-3	L3 The Northern Plains	Map Exploration	Not Applicable	Role Play-Children to come dressed in the state attire of different states in the northern plains and say a few lines.

	L-4	The Great Indian Desert	Desert Diorama-Replica of Deserts using shoebox or similar sized box		1.Sensory Craft Activity 2.Cactus Sponge Experiment
August	L-5	The Southern Plateaus	Map Exploration	Not Applicable	Fun landform snacks
	L-6	The Coastal Plains and Islands	Mini beach on a plate		Lexicon Voyage – Make a list of states that lie in the coastal plains. Discuss about the language spoken.
September (Half Yearly Examination)	L-8	Soil	Soil Profile Station-Display posters showing soil profile and layers.	Not Applicable	Mud Painting
October	L-10	Our Water Resources	Self composed poem on sources of water	Not Applicable	Project Work – Prepare a project listing various ways and means in

					which water can be conserved . Illustrate these in a lapbook using pictures.
November	L-14	Means of Transport	Create your own transport -Make a futuristic vehicle and write few lines on it.	Not Applicable	Transportation theme snacks
December	L-16	Art, Architecture and Culture They Showed Us the Way	Lapbook	Not Applicable	Word Search Worksheet
WINTER	L-17				
	L-13	Industrial Development of India Means of Communication	Create model “Exploring India’s Industries”	Not Applicable	Worksheet History of Telephones – Timeline
January	L-18	Our Government	Song- (Three Government Branch)	Not Applicable	Magazine Making-Collect pictures of all the Presidents and the Prime Ministers of India. Paste and label.
February	L-19	Our Goals, Right and Duties		Not Applicable	Be a Good Citizen- Choose one good citizen trait. Explain in few words how you follow this good citizen trait
March		Exams			

SUBJECT - COMPUTER CLASS – 4 (2025-26)

MONTH	UNIT	TOPICS	ART INTEGRATION ACTIVITY	PRACTICALS	SUBJECT ENRICHMENT ACTIVITY
APRIL	3) More on MS Word – 2016	- Shapes, WordArt, Pictures, Table, Inserting a table, Entering Data in a table, Selecting, inserting, deleting row and column		Recording average temperature of 10 cities in a table in ms word	Recording average temperature of 10 cities in a table in ms word
MAY	2) Managing Files & Folders in Windows 10	Windows 10 desktop Files & folders	School Time Table	Make School Time Table	Identifying desktop's icons, Make subject wise folders
JULY	4) PowerPoint 2016	Creating Presentation Slide layout, inserting WordArt Inserting a picture from a file	Using shapes, animations in ppt	PPT on water shortage	PPT on water shortage
AUGUST	5) More about the internet	Internet, history, internet terms, edge		Using google to search information	Checking the type of internet connection at home
SEPTEMBER	REVISION & EXAMS				
OCTOBER	6) Visual processing	Picture puzzle, Directions & maps	Colour the picture	Simple story on "Jungle scene"	Find the difference, spot the objects
NOVEMBER	7) More blocks in scratch	Block categories, setting the sprite position, programs in scratch		Make a birthday party story in scratch	Working with motion, sound, control and looks block
DECEMBER	8) Creating shapes in Scratch	Pen block, drawing a line, polygons, square, rectangle, circle in scratch,	Drawing polygons in scratch	Drawing polygons in scratch	Drawing polygons in scratch
JANUARY	9) Evolution of AI	1950-1960, 1961-1970, 1971-2000, 2000 – 2010, 2010 to present	Draw a robot of your choice and give it a name	Story in scratch on What is AI	
FEBRUARY	REVISION & EXAMS				

CLASS IV
GK SYLLABUS
2025-26

MONTH AND DAYS	TOPIC
April	Unit-1
May	Unit-II
July	Unit-II
	Unit-III
August	Unit-IV
September	Unit-V
October	Unit-VI
November	Unit-VII
December	Unit-VIII
January	Unit-IX

SUBJECT – ART CLASS – 4 (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 activities in art file</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 with oil pastels Colours. drawing compositions with line shapes and forms . 	C1.2 Describes varied materials, tools, and processes used in visual art and demonstrates familiarity with some of their own art work.
JULY	<ol style="list-style-type: none"> 1. Learning techniques of drawing and colouring with Shading. Understanding concept of perspective. (two compositions to be done in art file) 2. Poster making 	C1.1 Creates and presents a variety of artwork to communicate their ideas and emotions in any of the visual art forms.
AUGUST	<ol style="list-style-type: none"> 1. Independence day Activities <ol style="list-style-type: none"> a. Composition in art file 2. Rakhi making 	C1.1 Creates and presents a variety of artwork to communicate their ideas and emotions in any of the visual art forms.
SEPTEMBER	<ol style="list-style-type: none"> 1. Pattern design <p>Drawing landscape with pattern</p>	C1.1 Creates and presents a variety of artwork to communicate their ideas and emotions in any of the visual art forms.

		C1.2 Describes varied materials, tools, and processes used in visual art and demonstrates familiarity with some of their own art work.
OCTOBER	1. Abstract art (human face) 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 (basic 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 (Names) 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 IV

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 emphasis 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 Throwing and catching movements 	<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	Summer Vacations	
JULY	<ul style="list-style-type: none"> • Warm Up Routines - Running/jogging and free hand exercises • Carrom board • Throw ball game • Yoga (sitting asanas) • 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 emphasis 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 pranayam anulom vilom • 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) • Badminton • 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 • 50m race • Mini Football • Yoga • 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 • Basketball • 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 • Meditation • Assessment/grading (SA-II) 	<ul style="list-style-type: none"> • C1.4 Demonstrates basic warm-up exercises and stretching to develop strength and flexibility in the body • C2.4 Practices care and responsibility towards the physical activity material, playground, and facilities

SUBJECT MUSIC CLASS – 4 (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 4
माह	विषय नृत्य
अप्रैल	राम भजन नृत्य
मई	गुरु पंढना 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 -4

Month : APRIL

Content	Month	Description	Theory	Objective	Material required
Introduction of the Gardening curriculum Making of a compost pit	April (1st week)	Collect kitchen scraps/vegetable peels, used tea leaves (without milk), fallen leaves and other biodegradable waste. A pit will be dug in the school garden.	<ul style="list-style-type: none">- Benefits of composting.- What are the things not to be added in the compost pit?	SWBAT : 1. Mention the major components of a compost pit 2. To make a compost pit of their own.	1) Kitchen scraps/vegetable peels , dried plant materials, fallen leaves 2) gardening tools to dig the pit
Filling up of the compost pit	(2 nd Week)	Take a compost bin. Place it in a good place with sufficient amount of sunlight. First put a layer of soil. Then, an alternate layer of dry leaves and kitchen scraps/vegetable peels. Add a little compost purchased from the market. Again put some kitchen scraps/vegetable peels and dry leaves. Finally add a layer of soil. This process will continue for a week.	Dairy products will decompose slowly and can lead to the growth of disease causing harmful microbes. Also the non vegetarian by-products will bring unwanted pests and pathogens.	SWBAT: 1) To make a proper compost pit. 2) Importance of each ingredient in a compost pit.	1) dry leaves 2)vermi compost 3) garden soil

Making of sowing bed for growing cucumber seeds	April (3 rd Week)	Take a pot and fill it with 60% garden soil and 40% organic compost. Keep the soil moist till it starts to germinate. Water with a sprayer and keep the poly bag in a bright, warm place.	-What happens if cucumber seeds soaked too long?	SWBAT: 1) Best way to germinate cucumber seeds. Hands-on skills such as sowing and They'll also practice taking care of the plants over time.	1) pots or polybags for growing vegetables. 2) garden soil 3) organic compost gardening tools to dig the holes.
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Pest control (making of pesticides)	April (4 th week)	1) Mix neem oil and water(35 -40 ml in 1 litre of water. Spray it after every 3-4 days. 2) We can use sour curd as pesticide and fertilizer too. Churn the sour curd completely in mixer. Mix 1 litre of churned curd in 20 litres of water and mix it completely. Spray it in plants once in 2 month .	Fatty acids present in neem oil is good for plants. Nutrients present in curd: Nitrogen and phosphorus. Bacteria present in curd helps in nurturing the plant.	SWBAT: 1) make their own organic pesticide using neem oil. 2) Make sour curd pesticide which act as manure.	1) neem oil bottle 2) curd 3) sprayer
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Month : MAY					
Adding compost after every 15 days	May (1 st week)	After few days we can see the yellow flower blooms in the plants. Fruits will form after 4-5 days of blooming. Keep on mixing organic compost to the soil after every 15 days as cucumber requires a lot of nutrition. Mix the compost using a trowel or any other gardening tool. Keep the soil moist. Spray the neem oil spray on the leaves. After 40-50 days we will get the cucumber .	-What is the characteristics of cucumber flower? -Why should we keep on adding compost to the plant? What is the best fertilizer for cucumber plant?	SWBAT: 1) tell the importance of mixing compost again to the plant. 2) use of pesticides	1) compost 2) trowel or gardening tools 3) Neem oil spray

MONTH : (July)

Content	Month	Description	Theory	Objective	Material required
Making of the seedling bed for cauliflower	July (1 st week)	Make a bed with 50% garden soil + 50% vermi compost and to make a proper potting mix.	1.What are the potting mix for cauliflower? 2.What are the constituents of potting mix of cauliflower?	SWBAT : 1.Make a sowing bed to grow the cauliflower seeds. 1. Make a proper potting mix for cauliflower.	1. vermi compost 2.pots to make seedlings
Sowing the cauliflower seeds	July (2 nd week)	Sprinkle the Cauliflower seeds over the soil mix surface. Cover the seeds with a layer of the same potting mix. Sprinkle water. Keep on watering the seedlings with gentle shower.	1.Why should we water the plants and how?	SWBAT: Role of water for the growth of plants	1.cauliflower seeds
Observing the seedlings	July (3 rd week)	After 11 days the seedlings will appear.	Recording the growth of plants	Conditions necessary for germination	

Month : (August)

Content	Month	Description	Theory	Objective	Material required
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Transplantation of cauliflower	August (1st week)	When the seedlings are 3" to 5" tall or 3-5 leaves they are ready for transplantation. Make a potting mix of 50% garden soil and 50% vermin compost. Take out the seedlings with the root balls intact. Dig a little (3-5" deep hole)and plant the seedlings. Plants should be 5-6" apart from each other. Cauliflower plant requires 50-80 days of constantly cool weather to mature properly. 6 to 26 degree temperature is ideal for cauliflower plantation. Water	Q) What is transplantation? Why it is important? Ans) When we transfer the seedlings to a bigger bed of soil with proper distance and potting mix. It is called transplantation.	SWBAT: Do the transplantation of the seedlings properly.	Garden soil Vermin compost
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		thoroughly after transplantation and keep in full sun.			
Removing the unwanted plants	August (2nd week)	Remove the unwanted grass or weeds and some bottom leaves to develop a healthy top structure.	1. Why should we remove the unwanted grass or weeds? Ans . To get a high yield of the crop.	1. Identify and remove the unwanted plants properly without disturbing the main plant.	
Adding compost and spraying of pesticides	August (3rd week)	After every 20 days add a little compost to the plants as these plants are the heavy feeders. Water immediately after that. Give a slight dig to the neighbouring soil for better aeration. Keep on spraying pesticides (neem khali)	1. Why should we keep on adding little compost to the plants? 2. Why should we spray pesticides? Ans) to save the plants from pests like insects and rodents.	1. To take care of the plants for proper growth.	-Compost -neem khali

Formation of the cauliflower head	August (4th week)	<p>Always keep the head of the growing cauliflower in shade. Keep a leaf on the top to prevent direct sunlight. This is called blanching. Continue caring the plant as normal.</p> <p>After 80 -85 days we can get the cauliflower. Harvest the cauliflower. Uproot rest of the plant and use them for making compost.</p>	<p>1. What is blanching? How it is done? Ans. Binding large outer leaves together over and around developing cauliflower heads, to prevent them from yellowing or browning and developing a bitter flavour due to an overabundance of sun exposure.</p>	<p>SWBAT:1) do blanching .</p> <p>2)check whether to harvest the cauliflower or not.</p>	
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Month : OCTOBER

Content	Month	Description	Theory	Objective	Material required
Spinach Making of the potting mix	October (1 st week)	Take 60% of normal garden soil and 40% of vermicompost. Mix it well. Take a pot with enough drainage holes . Fill it with the potting mix. Make an even surface and make it wet.	Q) Why the pots should have drainage hole? Ans. To allow excess water to drain out.	SWBAT: Make proper potting mix	1. garden soil 2. vermicompost
Sowing of seeds	October (2 nd week)	Before sowing make sure that the potting mix is well throughout. Sprinkle the spinach seeds throughout the surface. Make sure that the seeds do not overcrowd or overlap with each other. Spread some more potting mix on the seeds to cover them up. Sprinkle water gently without disturbing the seeds. Keep the pot in full sunlight and keep the soil always moist for full growth of spinach.	Q) Which is the best time to sow spinach seeds? Ans. Spinach thrives in cool weather and short days. Q) what happens if seeds are too close together? Ans. They will have to compete for sunlight, water, air and nutrients in the soil.	SWBAT: 1)make a potting mix for spinach 2) sow the spinach seeds	1. spinach seeds
Observing the seedlings	October (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.	-----	-----	

Month : NOVEMBER

Content	Month	Description	Theory	Objective	Material required
Making of soil bed	November (1 st week)	Take a mixture of 50%garden soil and 50%compost. Level the soil properly.			1) garlic seeds 2) garden soil 3) compost
Sowing of garlic clove	November (2 nd week)	Students will bring garlic cloves and sow them in soil. Cover them with the soil mix.	Make a record of sowing date and expected time of saplings to come out.	SWBAT: 1)Make a potting mix for garlic . 2) Sow the garlic cloves.	
Observing the saplings	November (3 rd week)	After 10 days saplings will appear. Water frequently but do not over water.			
Adding manure and removal of weeds.	November (4 th week)	Keep 12-15" gap between two plants. Give water smoothly. Keep in direct sunlight. Use cow dung or sea weeds extract as manure. We can get garlic after 80-90 days.	Make a record of transplantation date and expected date of garlic to come out.	SWBAT: 1) do proper weeding of the garlic saplings. 2) apply the manure.	1) Cow dung manure 2) sea weeds extract

Month : DECEMBER

Content	Month	Description	Theory	Objective	Material required
Growing Onions	December (Ist week)	Bring the onions seeds from shop. Make a potting mix of 40% compost and 60 % garden soil and fill in the seedling tray. Make small holes in	Q) How onions leaves are different from spinach?	SWBAT : 1.make a potting mix for onions seeds	1) Onions seeds 2) seedling tray

		each cells of the tray and put 1 seed inside. Cover the holes properly. Water thoroughly. Seedlings will appear in 7-8 days.		2. sow the seeds in the seedling tray	3) garden soil 4) coco peat 5) seedling tray
Transplanting onions	December (2nd week)	Take a shallow plastic container. Fill the potting mix. Transplant the plants 5-6" apart from each other. Water regularly. Onions will be ready in 6-8 weeks.	-----	SWBAT: 1) do transplantation of the onions seedlings.	1) A shallow plastic tub
Harvesting onions	December (3rd period)	Onions can be harvested whenever we feel like it is ready. For regrowing we can cut the leaves from the base leaving a bit of stem.	Q) name some unique dishes made using onions as the main ingredient	SWBAT: -Loosening of soil for proper aeration of soil.	1) Gardening khurpi
MONTH :	JANUARY				
Making of neem oil	January (3 rd week)	Take bowl full of neem leaves and boil them in water. Let the water cool for 2 hours. Strain the water in another container. Spray it on the plants.	Q) What is the difference between neem oil and the other fertilizers?	SWBAT: -Make neem oil which act as a pesticide - Spray the neem oil on the leaves	1) neem leaves
Growing tomato	January (4 th week)	Get some good quality seeds In a grow bag add some garden soil , sand , cocopeat and compost . Sow the seeds 2" deep in the grow bag and sprinkle water . Distance between 2 plants should be 6-7 inches.	Q) What are the seasons to grow the Tomato seeds?	SWBAT:make a proper potting mixture for the Tomato plant. 2) sow the seeds properly	1)Tomato seeds 2) sand 3) soil 4) coco peat 5) compost
Month:	FEBRUARY				
Composting	February (1st week)	After some days seedlings will appear. Put a little compost around after every 16 days.After 1 month add a mixture of compost and	Q) Name some of the climbers.	SWBAT: Give compost skillfully .	1) compost

		organic rock phosphate.			
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Making of a support	February (2 nd week)	Give it a network of support to spread itself. Also add a little Compost.	Q) Difference between herbs & shrubs.		2) manure
	February (3 rd week)	Observing the flowers and fruits of the plant.	-----	Importance of healthy eating by allowing them to actively cultivate their own tomatoes.	-----