

ENGLISH SYLLABUS-2024-25

CLASS 5

MONTH	Unit	TOPIC	Art Integration Activity	Practical	Subject Enrichment
APRIL		Literature -Lesson 1: Monkey Trouble			Watch the movie 'Jurassic Park' and speak about its favourite parts.
		Lesson 2: Mina and the Dinosaurs			
		Grammar - Lesson 1: Nouns			
		Lesson 2: Singular & Plural Nouns			
		Lesson 3: Nouns & Gender			
		Writing - Creative Writing 'My New Neighbour'			
MAY		Literature - The Fly (poem)	Choose a character from a book you've read and create a "character interview."		
		Lesson 4: Pronouns (page 15 only)			
		Lesson 5: Verbs			
		Pronouns practice from 'The Bell of Atri' (Radiant Reader)			
		Unseen Passage			
JULY		Literature - Be a Friend (poem)	Picture story		Recitation in pairs of the poem 'The Violet'.(Radiant Reader)
		Grammar - Lesson 6: Adjectives & Comparison			
		Lesson 8: Present Tense			
		Writing - Picture Composition			
AUGUST		Literature - Lesson 6: Finding the Toothbrush	Illustration of the poem 'If I Knew' and 'Timothy Boon' (Radiant Reader)		Speak for one minute on the best trip of your life.
		When do Hippos Play? (poem)			
		Grammar - Lesson 9: Past Tense			
		Lesson 10: Future Tense (QA, B only)			
		Writing - Informal Letter			
		Writing- Letter writing based on 'An Encounter in			
	Literature - Lesson 7: Boat Races around the World			Enactment of 'The Bishop's	

SEPTEMBER	Grammar - Lesson 13: Articles			Candlestick'.
	Unseen Passage from 'The Miser who was			
OCTOBER	Literature - Lesson 8: The Diary of a Space Traveller			Recitation of the poem of their choice
	Grammar - Lesson 14: Punctuation (Page 84 -			
	Punctuation observation and practice from 'The			
	Unseen passage from 'Rip Van Winkle – I' (Radiant Writing - Creative Writing			
NOVEMBER	Literature- The Shoemaker and the Elves (Radiant			Read a comic strip and speak for one minute.
	Grammar - Lesson 15: Sentences			
	Unseen Passage from 'Rip Van Winkle – II' (Radiant			
DECEMBER	Literature - Lesson 10: Smriti at the Wicket	Creative Writing on Exploration of Space.		
	The Miser who was Punished (Radiant Reader)			
	Grammar - Lesson 16: Negative Sentences			
	Lesson 17: Prepositions			
	Writing – Story Writing based on clues			
JANUARY	Literature - How the Little Kite Learned to Fly			
	Grammar - Lesson 18: Conjunctions			
	Lesson 22: Vocabulary			
	Unseen Passage			
FEBRUARY	REVISION			
MARCH	EXAMINATIONS			

पाठ्यक्रम (२०२४-२५)			
कक्षा-पंचम		विषय-हिन्दी	
महीना	पाठ	कला समेकित गतिविधि	विषय संवर्धन गतिविधि
अप्रैल	१) हम कुछ कर दिखलाएँगे (कविता) २) डॉक्टरी व्याकरण- भाषा और व्याकरण ,ध्वनि एवं वर्ण , विलोम शब्द (पृष्ठ 29)	चित्रों द्वारा विलोम शब्दों के जोड़े दर्शाना	वाचन, कविता-पाठ रचनात्मक अनुच्छेद -मेरे जीवन का लक्ष्य अभ्यास-पत्र, श्रुतलेख
मई	३) नवरोज़ (वाचन एवं श्रुतलेख) व्याकरण - संज्ञा और उसके भेद चित्र-वर्णन	नवरोज़ त्योहार को चित्र द्वारा दर्शाए	वाचन, चित्र-वर्णन नवरोज़ :कुछ रोचक तथ्य श्रुतलेख
जुलाई	४) ब्रैल लिपि ५) मेरी महत्वाकांक्षा (वाचन एवं श्रुतलेख) व्याकरण - संज्ञा के विकार : लिंग, वचन, कारक, वाक्यांशों के लिए एक शब्द (1 से 30)		वाचन अभ्यास-पत्र श्रुतलेख
अगस्त	६) मन का दर्पण (कविता) ७)नालंदा विश्वविद्यालय (वाचन एवं श्रुतलेख) व्याकरण- विशेषण,अनेकार्थी (1 से12) पर्यायवाची (पृष्ठ 27)	अपनी कल्पना शक्ति का प्रयोग करते हुए भविष्य के नालंदा विश्वविद्यालय का एक चित्र/रेखाचित्र बनाइए	वाचन ,कविता-पाठ , रचनात्मक लेखन - नालंदा विश्वविद्यालय अभ्यास -पत्र , श्रुतलेख
सितंबर	८) अपना स्थान स्वयं बनाइए व्याकरण - सर्वनाम और उसके भेद		वाचन ,कहानी सुनाना ,अपठित गद्यांश ,अभ्यास-पत्र ,श्रुतलेख
अक्टूबर	९) ऐसे बनीं गुज़ियाँ (वाचन एवं श्रुतलेख) १०) चेतक (कविता) व्याकरण- क्रिया और काल पर्यायवाची (पृष्ठ 28) विलोम (पृष्ठ 30)	ऐसे बनी गुज़ियाँ नाटक का अभिनय	अभिनय शैली में वाचन कविता-पाठ अनुच्छेद : मेरा प्रिय पशु अभ्यास-पत्र श्रुतलेख
नवंबर	११) नारानथ का पागल व्याकरण- विराम चिन्ह मुहावरे(1 से 18), अनेकार्थी (13 से 24)	चित्रों द्वारा मुहावरों का प्रस्तुतिकरण	वाचन , कहानी सुनाना अभ्यास-पत्र , श्रुतलेख

दिसंबर	१२) दुनिया काँच का महल १३) नीति के दोहे (दोहा-पाठ मात्र) व्याकरण- अशुद्धि-शोधन, वाक्यांशों के लिए एक शब्द (31 से 60)		वाचन , दोहा-पाठ अभ्यास-पत्र ,श्रुतलेख
जनवरी	१४) किन्नौर देश की ओर व्याकरण - मुहावरे (पृष्ठ 110)		यात्रा-वर्णन (मौखिक एवं लिखित)
फरवरी	अनुच्छेद लेखन,चित्र-वर्णन ,संवाद- लेखन ,कहानी-लेखन , पुनरावृत्ति		अभ्यास-पत्र, चित्र-वर्णन अपठित गद्यांश ,श्रुतलेख

SUBJECT -MATHS CLASS 5 (2024-25)

MONTH	UNIT	TOPICS	ART INTEGRATION ACTIVITY	PRACTICALS	SUBJECT ENRICHMENT ACTIVITY
APRIL	1)RECAPITULATION OF CLASS 4 TOPICS 2) LARGE NUMBERS	1)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	1) Formation of 8 digit numbers using plac 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 4) SERIES (JUNIOR THINKERS)	1)Addition of Large numbers 2)Subtraction of large numbers 3) Profit n Loss 4) Word problems	Adding Area of neighbouring countries of India with pictures		1) Enactment of a Shopkeeper - Topic Profit n Loss 2)Worksheets 3) Class test
MAY	5)MULTIPLICATION AND DIVISION AND THEIR APPLICATIONS 6) ANALOGY (Junior Thinkers)	1)Multiplying by 2 digit nos 2) Multiplication with 3 digit nos 3)Average	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
JULY	7))MULTIPLICATION AND DIVISION AND THEIR APPLICATIONS (contd) 8) Factors and Multiples 9) Classification , Alphabet test (Junior thinkers) 10) Classification(Junior Thinkers)	1)Unitary method 1)Rules of Divisibility 2) Prime n Composite numbers 3)Prime factorisation 4) HCF(division method) 5) LCM (division method)			1)Worksheets 2) Class test

AUGUST	11)GEOMETRY 11)Alphabet test (JT)	1)Angles – Types of Angles Measuring 2)Drawing of angles	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
	12)Symmetry , Pattern n Net	1)Number patterns 2)Making nets of a cube , cuboid	1) Make the net of cube using paper folding		
SEPTEMBER	13)Fractions 14)Ranking test (JT)	1)Equivalent fractions 2)fractions in lowest term 3)comparing fractions 4) addition n subtraction of unlike fractions 5) Multiplication of fractions 6) Reciprocal	1) Multiply a fraction by a whole number using paper strip 2) Divide 2 by $\frac{1}{4}$ using a string		1) Work sheet class test
OCTOBER	15) Decimal Numbers 16)Measurement 17))Direction sense test	1)Thousandth 2)Like n unlike decimals 3)Comparing decimals 4)Addition n subtraction of decimals 5)Multiplication of decimals 1)Measurement of length 2)mass 3) capacity 4)Addition n subtraction of metric measures	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.		1)Activity based on saving water Calculating for the month of July 2)Class test

NOVEMBER	18) Perimeter , Area 19)Missing numbers	1)Perimeter by formula 2) Area by formula 3)Area of irregular shapes	1)Find the area of your state and its 5 neighbouring states in sq km 2)Find the area and perimeter of your handkerchief		1)worksheets 2) class test
DECEMBER	20) Time , Speed 21) Completion of incomplete pattern (JT) 22) Symmetry	1)Conversion of Time 2)Addition n subtraction of Time 3)Time intervals 4) Distance ,speed , time	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	22) Maths in Maps 23) Embedded figures 24) Assignment	1) What is a map ? 2) scale , distance in maps , directions in map	1)Draw the map of your house .		1)worksheet 2)class test
FEBRUARY	Revision				

SYLLABUS OF CLASS V SOCIAL STUDIES (2024-2025)				
MONTH	TOPICS	ART INTEGRATION	PRACTICAL	SUBJECT ENRICHMENT
April	L-1 Globe L-2 Maps : Our Guide (introduced)	Paper plate globe -plotting important latitudes and longitudes using thread	Not Applicable	Virtual simulation via Google Earth - Worksheet
May	L-2 Maps : Our Guide (continued)	Playdough (Physical Map of India) - Using different colors of clay to depict any 4 physical features of India on an A4 size cardboard	Not Applicable	Seterra :Online Maps Game to locate continents and the 7 oceans. - worksheet
SUMMER	L-3 Weather and Climate (Lakshadweep, Andaman & Nicobar Islands) L-6 Saudi Arabia: The Land Of Sand	Scrapbook (HHW) - Weather Report on daily average temperature of the islands - Travel Brochure (HHW) -Exhibit the traditions followed in the country, important minerals available there	Not Applicable	
July	L-6 Saudi Arabia: The Land Of Sand	Saudi Cultural Fiesta -dress up in traditional attires, draw/paint the national flag, the map, and delicacies.	Not applicable	Drag and drop activity of place sand things of interest in Saudi Arabia. - worksheet

	L-4 Land Of Dense Forests, the Democratic Republic of Congo	- Speak lines on the landform and natural resources present Tribal Mask Making -Of the tribes of Zaire namely Bantu and Pygmies and naming them to acknowledge their distinguished culture.		Picture description on the traditional practices of the tribals
August	L-4 Land of Dense Forests, the Democratic Republic of Congo(cont.)		Not Applicable	
	L-5 Greenland - The Land Of Snow	Arctic Aurora: Igloo & Northern Lights Art Experience - Igloo & Northern Lights Scene using cotton/wool and other craft material.	Not Applicable	Worksheet, animated video of Pingu, the Penguin who resides in Arctic under similar circumstances.
September (Half – Yearly Exams)	L-7 Prairies: The Grasslands L-10 The World of Growing Knowledge (Activity)	Diorama (Prairie Grassland) - using a shoe box, picture cut outs from newspapers and magazines. Hieroglyphs Clay Scripts-from on Indus Valley Civilization	Not Applicable	- Drawing of the special types of boats used for hunting.
October	L-17 The Revolt Of 1857 L-18 Beginning Of The Freedom Struggle	Rebels in Strings: The Revolt of 1857 Puppet Theatre - Create puppets , script and perform to represent key figures involved in the Revolt of 1857, such as Rani	Not Applicable	Discussion on the callous attitude of British towards the Nawab of Bengal, worksheet

		<p>Lakshmibai or Bahadur Shah II.</p> <p>Role plays on favorite freedom fighter</p> <p>Throwing light o the important steps taken by them to ensure our freedom.</p>		
November	L-19 India Wins Freedom	<p>"Chronicles of Independence: Freedom Struggle Gazette" (Newspaper Front Page Activity)</p> <ul style="list-style-type: none"> - articles, editorials, illustrations, and advertisements reflecting the events, sentiments, and perspectives of the time 	Not Applicable	<ul style="list-style-type: none"> - Flashcards on the mass movements -Worksheets
December	L-13 Great Personalities (Activity)	<p>"Leaders' Legacy: Epigraphic Engravings"</p> <ul style="list-style-type: none"> - A memorial stone on Socrates, Bal Gangadhar Tilak etc. 	Not Applicable	
	L-14 The Birth Of The United Nations	<p>UN Flag Banner/ Buntings</p> <ul style="list-style-type: none"> - Bunting of national flags of member nations to be hung in the class. 	Not Applicable	<p>H5P Flipbook (ICT) on the events leading to the birth of the UN</p>
WINTER	L-8 Means Of Transport	3 D Model Making: Urban Means of Transport	Not Applicable	

	L-9 Means Of Communication	Pamphlet advertisement on a means of communication that is indispensable in today's times.		
January	L-15 The Working Of The United Nations	"United Nations Mobile" <ul style="list-style-type: none"> - To understand role and jurisdiction of each organ of the UN. 	Not Applicable	Maps work showing the former members of Warsaw Pact and NATO.
February	L- 16 India and The United Nations	Picture Collage of UNESCO World Heritage Sites in India. <ul style="list-style-type: none"> - Importance of restoring these monuments. - Acknowledge the rich cultural heritage of India. 	Not Applicable	PowerPoint Presentation and articles on the role of Anganwadi in India. <ul style="list-style-type: none"> - worksheet
March	Revision		Not Applicable	Comprehensive worksheets and quizzes.

SUBJECT – SCIENCE CLASS – 5 (2024-25)

MONTH	UNIT	TOPICS	ART INTEGRATION ACTIVITY	PRACTICALS	SUBJECT ENRICHMENT ACTIVITY
Apr 24	Unit I - Food Unit II - The world of the living	L1 Plant reproduction L2 Habitats of Animals		Structure of the seed.	Collect 6 pictures of different seeds, sort and paste - Dispersal. Visit to the school garden
May 24		L2 Habitats of Animals (contd)	Role play - Habitat and adaptation		
July 24	Unit II - The world of the living	L3 Movements and breathing in animals L4 Skeletal and Nervous system		Tabulate breathing rate	Group Presentation - On movement in animals (Land and Water)
Aug 24	Unit II - The world of the living	L4 Skeletal and Nervous system (contd) L5 Health and Hygiene	Using earbud, toothpicks, clay, buttons etc to make model of Human skeleton		Healthy Plate
Sept 24	Unit III - Materials	L7 Rocks, minerals and soil		To demonstrate that rocks can hold liquid/ Layers of Soil	Documentary on Soil conservation - Save the soil.
Oct 24	Unit IV - Natural phenomena	L8 Air and Water	Layer of atmosphere	Properties of Air & Removal of insoluble impurities.	
Nov 24	Unit VI - Natural resources	L12 Pollution (Project based)	Poster making with eye catching slogan on preventing pollution.		
Dec 24	Unit IV - Natural phenomena	L9 Volcanoes, earthquakes, storms			Research - The three types of volcanoes
Jan 25	Unit V - Moving things, people and ideas	L11 Force, machine and energy	Model of any one type of lever with FLE		
Feb 25	Unit VI - Natural resources	L13 Saving our resources			Documentary on Forest Man of India - Write views on it.
Mar 25		Exams			

SUBJECT - COMPUTER CLASS – 5 (2024-25)

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 2024-25
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	QUIZ TIME TEST PAPER-1 TEST PAPER-2 REVISION
MARCH	EXAM

SUBJECT – ART CLASS – 5 (2024-25)

MONTH	UNIT	TOPICS	ART INTEGRATION ACTIVITY	PRACTICALS	SU EN AN AC
APRIL		1. Basic free hand drawing elements of art. 2. Colour theory cool and warm colours Complementary colours and colour mixing Colouring practice with shading activities in art file			
MAY		1. How To do Shading Concept of light and dark in detail Understanding composition negative and positive space. drawing compositions with line shapes and forms .			
JULY		1. Learning techniques of drawing Understanding concept Of perspective . (two composition to be done in art file) 2. Poster making			
AUGUST		1 . Independence day Activities a. Composition in art file 2. Rakhi making			
SEPTEMBER		1. Pattern design Drawing landscape with pattern			
OCTOBER		1. Abstract art (human face/landscape) 2. Colour therapy activity 3. Art book activities colouring practice.			
NOVEMBER		1. Drawing Human figure /animal /bird ART WORK ON SDG GOALS			
DECEMBER		1. Christmas month activities Drawing and craft			
JANUARY		1. Activities from art book craft and colouring practice 2. Drawing compositions with human figure (human figure drawing)			
FEBRUARY		Calligraphy (Names) Practice work			

SUBJECT – MUSIC CLASS – 5 (2024-2025)

MONTH	UNIT	TOPICS	ART INTEGRATION ACTIVITY	PRACTICALS	SUBJECT ENRICHMENT ACTIVITY
APRIL		<ol style="list-style-type: none"> 1. Knowledge of “Seven Swaras” 2. Shlok On “Vidya” 			
MAY		<ol style="list-style-type: none"> 1. Knowledge of “Alankaar” 2. Practice basic “Alankaars” 3. Knowledge on “Taal” 			
JULY		<ol style="list-style-type: none"> 1. Song on “Rath Yatra” 2. Practice “Alankaars” 3. Taal “Dadra” 			
AUGUST		<ol style="list-style-type: none"> 1. Song on “Independence Day” 2. Song on “Raksha Bandhan” 3. Song on “Janmashtami” 			
SEPTEMBER		<ol style="list-style-type: none"> 1. Practice all Alankaars, Shlok and all Songs 2. Taal “Kaharwa” 			
OCTOBER		<ol style="list-style-type: none"> 1. Song on “Gandhi Jayanti” 2. Song on “Maa Durga” 3. Song on “Diwali” 			
NOVEMBER		<ol style="list-style-type: none"> 1. Practice all the Songs and Alankaars 2. Shlok on “Subhashitam” 			
DECEMBER		<ol style="list-style-type: none"> 1. Song on “Christmas” 2. Revision of “Taals” 			
JANUARY		<ol style="list-style-type: none"> 1. Song on “Republic Day” 			
FEBRUARY		Revision all the Alankaars, Shlokas, Taals and Songs			

Syllabus 2024 - 25

Classes - IV and V

Month	WEEKS	Topics
April	WEEK 1 & 2	<ul style="list-style-type: none">• Class introduction• Taekwondo Practice for sports day• Races selection and practice
	WEEK 3 & 4	<ul style="list-style-type: none">• Fitness exercises (jogging & running) up to 30m.• Free hand exercises (PT) # 1,2,3 exercises.• Taekwondo Practice for sports day• Races selection and practice• Sports Day
May	WEEK 1 & 2	<ul style="list-style-type: none">• Warm up exercises and jogging• Carom board game• Yogic Exercises such as perfection in padma asana
June	Summer Break	
July	WEEK 1 & 2	<ul style="list-style-type: none">• Warm up exercises and jogging• Carom board game• Throw ball practice and selection• Yoga - Padmasana and tricone asana
	WEEK 3 & 4	<ul style="list-style-type: none">• Warm up exercises and jogging• Carom board game• Badminton• Throw ball practice and selection• Indoor games• Yoga – Taad asana, Vriksh asana, Deep breathing practice
August	WEEK 1 & 2	<ul style="list-style-type: none">• Warm up exercises and jogging• Throw ball practice and selection• Basketball skill practice• Cricket selection
	WEEK 3 & 4	<ul style="list-style-type: none">• Warm up exercises and jogging• Throw ball practice and selection• Basketball skill practice• Yoga – Surya Namaskar
September	WEEK 1 & 2	<ul style="list-style-type: none">• Surya namaskar• Test/assessment – shuttle run, yoga asana• Grading
	WEEK 3 & 4	<ul style="list-style-type: none">• Half yearly examinations

October	WEEK 1 & 2	<ul style="list-style-type: none"> • Mini Football Rules and Regulations • Selection for athletic meet • Outdoor games Football,
	WEEK 3 & 4	<ul style="list-style-type: none"> • Mini Football Rules and Regulations • Practice for athletic meet • Outdoor games Basketball
November	WEEK 1 & 2	<ul style="list-style-type: none"> • Warm up exercises • Basketball • RBCL • Inter-Ramjas athletic meet
	WEEK 3 & 4	<ul style="list-style-type: none"> • Basketball • RBCL • Inter-Ramjas athletic meet
December	WEEK 1 & 2	<ul style="list-style-type: none"> • Warm up exercises • Kho-Kho game practice • Kho-Kho matches • Dodge ball game
	WEEK 3 & 4	<ul style="list-style-type: none"> • Warm up exercises • Kho-Kho game practice • Kho-Kho matches
January	WEEK 1 & 2	<ul style="list-style-type: none"> • Winter Vacations
	WEEK 3 & 4	<ul style="list-style-type: none"> • Warm up exercises and jogging • Throw ball practice • Basketball skill practice • Yoga – Surya Namaskar
February	WEEK 1 & 2	<ul style="list-style-type: none"> • Warm up exercises and jogging • Fun games and races • Yoga – Surya Namaskar
	WEEK 3 & 4	<ul style="list-style-type: none"> • Warm up exercises and jogging • Fun games and races • Assessment - Surya Namaskar
March	WEEK 1 & 2	<ul style="list-style-type: none"> • Grading and grades up loading on the portal
	WEEK 3 & 4	<ul style="list-style-type: none"> • Annual exams

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

**Total periods: 25
Periods**

APRIL -FEBRUARY = 21

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

<p>Growing of Okra</p> <p>Making of sowing bed</p>	<p>April(Period 3)</p>	<p>Soak the okra seeds for 12 -15 hours before sowing. 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. Okra needs 25 to 45 degree centigrade for growing. Sow seed in 1" deep in soil and 4-5" gap . 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 okra seeds in water before germinating them. Ans) Soaking aids water absorption and speeds up germination.</p> <p>Q) How are the okra seeds sown? Ans) Okra 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 okra seeds before germinating.</p> <p>2) soak the okra seeds for germination.</p> <p>3) make a potting mixture for proper okra germination.</p> <p>4) narrate the procedure of making a germination bed for okra</p>	<p>1) soaked okra seeds</p> <p>2) pots or poly bags for growing vegetables</p>
<p>Pest control (making of pesticides)</p>	<p>April (period-4)</p>	<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>	<p>Nutrients present in curd: Nitrogen and phosphorus.</p>	<p>SWBAT:</p> <p>1) make their own organic pesticide using neem oil.</p> <p>2) Make sour curd pesticide</p>	<p>1) neem oil bottle</p>

				which acts as manure.	
Keep on moistening the compost pit. Water the okras. Growing Money plants in a bottle of water.	May (Period -1)	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.	On the node areas the roots grow. Take out the leaves from the node area with a sharp cutter.	SWBAT: 1.Grow money plant in a bottle.	1. A glass bottle 2. Money plant 3. Sharp garden scissor 4. A waste plastic bottle
Sowing Bitter gourd	July (period 1)	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.	Why should we soak the seeds? Ans) In some seed the outer cover is very hard . So to increase the speed of germination seeds are soaked.	SWBAT: Tell the importance for soaking the seeds before sowing.	1. Bitter gourd seeds. 2. Garden soil
Transplantation for the bitter gourd	July (Period-2)	After 10 days we will get good, bigger seedlings. Start transplanting after 14 days. Always remove the weeds from the side Make a potting mix of 40%soil, 30% cocopeat and 30% compost for the final plantation of the	Q) How weeding is harmful for the plant? Ans) They compete for minerals with the main plant.	SWBAT 1) do weeding properly 2) do transplantation 3)make a proper potting mix	1. garden soil 2. compost 3. coco peat

		bitter gourd. Transplant the seedlings here.			
	August (Period-1)	After 40 days make a support system for the vine to climb up. After every 20-25 days give fertilizer. The flowers will appear after 35 days. Insects, bees and butterflies do the pollination. At this stage the plant need full sunlight.	Q) What are the pollinating agents for bitter gourd? Ans) insects, bees, butterflies are the pollinating agents	SWBAT: 1) make proper support system for the bitter gourd vines to grow. 2)identify the male and female flowers separately.	1. Sticks 2. ropes for tying the vines
Growing Carrots	August (Period 2)	Carrots are very rewarding to grow. We will grow the nantes. It is the orange carrot which 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. 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	Q) What are the various types of carrots? Ans) There are almost 13 varieties of carrots Some of them are orange, red, purple etc.	SWBAT : 1)Make proper containers with potting mix for proper growth of carrots. 2)tell the the importance of adding river sand for the growth of the carrots	1) Seeds of carrot 2) Growing bags or pots 3)river sand 4) garden soil

		<p>keep the soil loose. Avoid rocks and other solids in the soil.</p> <p>Sprinkle the seeds over the soil surface evenly . Carrots are grown directly rather than transplanted. Separate the closely fallen seeds for better growth. Using the same soil mix, cover the seeds with a thin layer. Press the soil a little with palm and water them using a sprayer or shower.</p> <p>Place the container in direct sunlight. Always keep the soil moist.</p>		<p>3) sow a seed properly and water the plants properly without flooding.</p>	
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: 1) Able to grow mint on their own at home also by stem cutting</p>	<p>1) Pot 2) Soil 3) Mint plant</p>
Growing corns	October (1 st week)	<p>Buy the seeds of baby corn. Make a mixture of cocopeat 90% and compost 10% . Put them into the seeding tray. One seed in 1 cell. Press them softly into the soil. If</p>	-----	<p>SWBAT: 1)Make a proper potting mix for</p>	<p>1) cocopeat 2) compost</p>

		they are still visible then cover them with more compost. After 11 days all the seeds will germinate. After 20 days they are ready for transplantation		corn seeds sowing. 2) sow the seeds of garlic in the seedling tray	3) seedling tray 4) corn seeds
Transplanting corns	October (2 nd week)	In a big 12" diameter pot keep 30% garden soil, 40% coco peat and 30% vermicompost. Apply some organic pesticide. Sow the seedlings keeping gap between two plants. After 25 days we can see flowering. After 40 days we can harvest the baby corn.	Why cocopeat is important? Ans)Cocopeat increases the aeration of soil for proper root growth.	SWBAT: 1.Make a potting mix for transplanting corn seedlings. 2. sow the seedlings and take care of them.	1) clay pots 2) garden soil 3) cocopeat 4) vermicompost.
Potato plantation (Bring seed potatoes means potatoes having buds from home)	November (Period 1)	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 set it. In one pot keep 4-5 potatoes(with buds). Do not	Q) Why drainage holes are important? Ans) So that soil should be kept moist. Water accumulation may spoil the roots	SWBAT: 1.Make a proper potting mix for potatoes. 2. sow the seeds properly by keeping distance	1) Garden soil 2) Compost

		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.			3) Potatoes with buds. 4) grow bags
Taking care of the seedlings	November (Period 2)	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 flavour of the potatoes. Repeat the filling. After 20-25 days add compost to the plant. When the plants dried up after 100-120 days potatoes are ready to be dug out.	Potatoes are underground stems which store the food for the plant.	SWBAT : 1)take care of the seedling by applying manure properly. 2) identify when to go for the potato harvesting.	
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	Take 5 litres water. Add half kg cow dung and 250g desi jaggery.	Q) Why should we use desi jaggery?	SWBAT:	1) desi gur

	(period -4)	Keep for 3-4 days in shady area. Stir the water every day. Add this 5 litres mixture in 20 litres of water.	Ans) because it does not contain soda.	Make organic pesticides	2)cowdung 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
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	-----

		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)	Take 30% garden soil and 30% cocopeat and 40% vermicompost or cow dung manure. Add 50g of vermiculite and 50 g of perlite. 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. Cover the hole with the same potting mix and water well. Place them in a partially shaded place	Fertilizers can be: 1. bone meal 2. cowdung 3. sea meal 4. neem cake 5. mustard cake	SWBAT : 1)make a potting mix for pea plants. 2) sow the seeds properly	1) garden soil 2) vermicompost 3) cocopeat 4)vermiculite

		<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>5) perlite</p> <p>6) clay pots</p>
<p>Taking out the weak seedlings</p>	<p>February (3rd period)</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>	<p>-----</p>

रामजस विद्यालय पाठ्यक्रम (2024–2025) विशय –नृत्य कक्षा–पाँचवी

माह	
अप्रैल / 23	राम भजन नृत्य द्वारा
मई / 12	गुरु वंदनानृत्य के बेसिक मूवमेंट और तत्कार
जुलाई / 25	गणेषपरन तीन ताल की मध्यलय तत्कार
अगस्त / 23	देशभक्ती सांस्कृतिक नृत्य
सितम्बर / 22	चक्कर धाकतोड़ा/टुकड़ा
अक्टूबर / 18	दषहरा नृत्य
नवम्बर / 22	सांस्कृतिक नृत्य
दिसम्बर / 24	क्रिसमस नृत्य
जनवरी / 14	देशभक्ती सांस्कृतिक नृत्य
फरवरी / 21	तीन ताल की तत्कार तिहाई ताली खाली
मार्च / 23	सभी नर्त्य की प्रयास