



SINCE 1962

LITTLE FLOWER HOUSE

SENIOR SECONDARY SCHOOL
(AFFILIATED TO C.B.S.E – NEW DELHI)



SYLLABUS

SESSION 2026-27

CLASS-5



[MATHEMATICS]

Name of the book

Course book -CLASS 5 MATH-MELA (main book)

Side book- CLASS 5 NEW COMPOSITE MATHEMATICS (Practice book) BY DR R.S.

AGGRAWAL/VIKAS AGGRAWAL

Month	NCERT	New composite Mathematics 1- (Introduction + Assessment of Question Bag 1 and Question Bag 2) 2-Even no. Questions from each Question	Number of days required	Activity
April 24 Days	Chapter-1 We the Travellers -1 Chapter-4 We the Travellers-2 Ch -6 The diary farm Ch-9 coconut farm	Chapter-3 Large Numbers Chapter-4 Operation on Large Numbers	8 8 4 4	Activity 1 -Using newspaper students are find out numbers up to 99999 to perform numbers in words reading, writing and comparison etc. Activity 2 -Apply operations on large numbers (addition, subtraction, multiplication and division) Activity 3 -Using number card formation of largest and smallest numbers up to 6 digit (i) Same digit (ii) Different digits (iii) Given digits
May 14 Days	Chapter 13 Animal jumps	Ch-11 Rounding numbers Ch-6 Factors and Multiples	14	Activity -1 .Factors and multiples (i) Make a sieve of erathosthene (ii) Using graph paper find out the factors and multiples of 12 and 18.
PERIODIC TEST-1 [NCERT: Chapter - 1, 4 ,6 ,9 ,13; Mathematics COMPOSITE: CHAPTER - 3, 4]				
June 07 Days + July 27 Days	Chapter -5 Far and Near		10	Activity - 1 .To collect the tool of measuring length, weight and capacity and paste it in your copy. Activity 2-Measure Your Classroom" Objective: Understand length (m, cm) <i>Students measure desk, board, door using a ruler or measuring tape.</i> <i>Record in cm and convert into meters</i> Activity 3-Weigh and Record" Activity Objective: Understand standard units (g, kg) Provide items like fruits, books, lunch boxes Students weigh them using a scale Record in a table Extension: Convert grams into
		Chapter-12 Measurement of length, Mass and Capacity	14	
	Ch-8 Weight and capacity		10	

				kilograms
PERIODIC TEST -2 [NCERT chapters 5,8; COMPOSITE chapters 6,12]				
August 22 Days	Chapter -7 Shapes and patterns	Chapter-15 Basic Geometrical Concepts	12	Activity 1 -To understand repeating patterns make Rangoli using square, circle and triangle. Activity 2- To explore tiling patterns students arrange shapes without gaps. Activity 3- Make model from your surroundings to show acute angle, right angle and obtuse angle.
		Chapter-16 Concept of Angles		
	Chapter-17 Parallel and perpendicular lines			
	Chapter-3 Angles and turns	Chapter-20 Circles	5	
		Chapter-21 Reflections of rectilinear Figures	5	
September 12 Days	Revision			
HALF YEARLY EXAMINATION				
[NCERT: Chapter-1,3,4, 5,6,7,8 ,9,13; COMPOSITE Mathematics: Chapter- 3,4,6,8,12,17,18,20,21]				
October 20 Days	Chapter- 11 Grand Mother's Quilt	Chapter- 22 Perimeter of rectilinear figure	10	Activity 1- To find the perimeter and area of the given objects from your surroundings. Like :-boxes, book, duster etc. Activity 2- Perimeter and area using graph paper draw different shapes like plant leaves of different size or hand and Palm of family members and observe the greatest area and the perimeter of the object the volume of it.
		Chapter-23 Area	5	
		Chapter-24 Volume	5	
November 19 Days	Chapter- 2 FRACTION	Chapter- 7 Fractions	10	Activity 1 -Using different objects find out the fractions of the taken part Numerator and Denominator (ii) To draw three countries flag and find out the fraction area there in the colours of flag (iii)Make a equivalent fraction chart using origami sheet
		Chapter -8 Addition and subtraction of fractions	4	
		Chapter-9 Multiplication and division of fractions	5	
PERIODIC TEST -3 [NCERT: Chapter - 2,11 ; COMPOSITE Mathematics: Chapter -7,8,9,22,23,24]				
December 25 Days	Chapter -12 Racing seconds	Chapter 13 -Time	10	Activity-draw different shapes and show their symmetry.
		Chapter-10 Decimals	8	
	Chapter-10 Symmetrical designs	Chapter -14 Money	7	
January 18 Days	Chapter- 14 MAPS AND LOCATIONS		10	ACTIVITY- To make a bar graph of class students for liking fruits and games.
	Chapter-15	Chapter-25	8	

	Data through pictures	Pictograph and Bar graph		
February 9 Days	Revision			

ANNUAL EXAMINATION

[NCERT: Chapter- 2,10,11,12,14,15 ; COMPOSITE Mathematics: Chapter -7,8,9,10,13,14,15,22,23,24,25]

CLASS-5 ENGLISH:

LITERATURE - ENGLISH FERRY (MACMILLAN EDUCATION)

GRAMMAR - NEW GRAMMAR WORKS (LANDMARK)

MONTH	NO. OF DAYS REQUIRED	LITERATURE	GRAMMAR	WRITING	ACTIVITY
April 24 Days	21	LESSON -1 What Makes the Lightning (7 Days)	LESSON -1 Sentences (5) LESSON -2 Nouns (5 Days)	<ul style="list-style-type: none"> Paragraph composition (2 Days) 	<ul style="list-style-type: none"> Role Play : Students act out a scene -: 1. A family during a thunderstorm 2. One child explains what lightning is (Connects learning with communication and confidence skills.) Narrative expression : Students collect stories/reports of courageous children from newspapers or magazines, draw related pictures, and narrate them in class. (They understand that courage, bravery, and kindness exist in real life, and even children like them can make a difference. Illustrating a Poem : (Mentioned in Book pg. no. - 19) Lines are mentioned from the POEM - WHAT IS PINK ? by Christina Rosetti. Read them & draw & colour the images that come to your mind in the space
		POEM - Land of Story Books (7 Days)			

					around the poem. ☞ Drawing scenes from poems improves imagination. Helps in creative thinking, which is useful in problem-solving and expressing ideas.
May 13 Days	11	LESSON -2 Rikki - tiki and Nag (9 Days)		<ul style="list-style-type: none"> Letter Writing (Formal Letter) (Mentioned in Grammar Book pg. no. - 135) (2 Days) 	<ul style="list-style-type: none"> Character Portrayal : (Mentioned in Book pg. no. - 30) Imagine that you are Rikki - tikki. You meet Chuchundra in the park. He says he's afraid that Nag & Nagina might mistake him for you. Work with a partner & take on the roles of Rikki - tikki & Chuchundra. Talk to Chuchundra & comfort him. (☞ Connects learning with communication and confidence skills.)
PERIODIC TEST -1 LITERATURE: L-1 & L- Poem GRAMMAR - L-1 & 2 + Paragraph Composition					
June 7 Days	7		LESSON-3 Verbs (7 Days)		
July 27 Days	27	LESSON - POEM -: Be a Friend (9)	LESSON - 4 Articles (8)	<ul style="list-style-type: none"> Picture Composition : (Mentioned in Grammar Book pg. no. - 127) (2 Days) 	<ul style="list-style-type: none"> Skit Performance : Students act out situations - : 1. Helping a sad friend 2. Solving a fight between friends (Teaches problem-solving and emotional understanding.)
			LESSON - 5 Pronouns (8)		
PERIODIC TEST -2 LITERATURE: L- 2 & L - POEM GRAMMAR: L- 3, 4, 5 + Formal Letter					
August 21 Days	21	LESSON -3 Born again Arunima Sinha (7 Days)	LESSON -6 Adjectives (6 Days)	<ul style="list-style-type: none"> Drafting an Article (1 Day) 	<ul style="list-style-type: none"> Interviewing someone : (Mentioned in Book pg. no. - 50)
		LESSON - POEM Don't give up (6 Days)		<ul style="list-style-type: none"> Diary Entry (Mentioned in Grammar Book pg. no. - 138) (1 Day) 	Imagine that you work for an adventure magazine. You are going to interview Arunima Sinha. In pairs prepare a list of

					<p>questions that you would like to ask her. Now conduct a mock interview and record it.</p> <p>Students ask and answer questions clearly. ☞ Helps in real-life conversations, discussions, and expressing ideas confidently.</p> <p>Interviews are used in: Jobs Media ☞ Prepares students for future real-life situations.</p>
September 12 Days	12	LESSON -4 The Story of Dandi March (6 Days)	LESSON -7 Adverbs (5 Days)	<ul style="list-style-type: none"> • Biography sketch (1 Day) 	<ul style="list-style-type: none"> • Role Play - : Gandhiji and Followers Students act as Gandhiji, villagers, and British officers. Recreate the Dandi March scene. ☞ Real-life link: Builds empathy and understanding of history.
HALF YEARLY EXAMINATION					
[LITERATURE: L - 1, 2, 3, 4; & POEMS GRAMMAR: L - 1 to 7 + WRITING SKILLS]					
October (20 Days)	(20)	LESSON -5 The Unshakeable Bhungas (9 Days)	LESSON -8 Prepositions (8 Days)	<ul style="list-style-type: none"> • Travelogue Writing (2 Days) 	<ul style="list-style-type: none"> • Power Point Presentation : Do some research on how countries like Japan make their buildings & homes earthquake proof. Then, find out about the Bhuj earthquake of 2001 & how the region was rebuilt after the disaster. Ask your teacher or a grown - up to help you find information & pictures on the internet. Use the

					<p>information from the researches & make a slide show.</p> <ul style="list-style-type: none"> ☞ Real-life use: Public speaking, interviews, group discussions. ☞ Speaking confidently in front of others ☞ Making informed decisions and learning independently.
November 19 Days	18	POEM - We Must Act Now! (8 Days)	LESSON -9 Conjunction (8 Days)	<ul style="list-style-type: none"> • Poetic Composition (2 Days) 	<ul style="list-style-type: none"> • Cleanliness Drive ; Organize a class or school clean-up activity. Students pick up litter and keep surroundings clean. ☞ Real-life link: Responsibility towards community and environment. • Plant a Tree Activity : Each student plants a sapling at home or school. Take care of it and observe its growth. ☞ Real-life link: Understanding importance of trees. • Role Play : - "Save Earth" Students act as Earth, trees, animals, and humans. Show problems and solutions. ☞ Real-life link: Understanding impact of human actions.
December 25 Days	23	LESSON -6 The Tale of Peter Rabbit (9 Days)	LESSON -10 Active & Passive voice (12 Days)	<ul style="list-style-type: none"> • Letter Writing (Informal Letter) (Mentioned in Grammar Book 	<ul style="list-style-type: none"> • Dramatic presentation : Students act as Peter, his mother, Mr. McGregor. Show both the

				pg. no. 136) (2 Days)	mistake and the correct behavior. ☞ Real-life link: Understanding consequences through acting.
		PERIODIC TEST -3, LITERATURE - Less	5,6 & POEM GRAMMAR-	Less- 8,9 & 10	+ WRITING SKILLS
January 18 Days	18	LESSON - POEM When I'm an Old Lady (6 Days)	LESSON - 11 Direct & Indirect Speech (10 Days)	• Diary Entry (Mentioned in Grammar Book pg. no. - 138) (2 Days)	-
February 9 Days		PLAY - Birbal's Wit (5 Days)	LESSON -12 Punctuation (2 Days)	• Message Writing (1 Day)	-

ANNUAL EXAMINATION

[LITERATURE: L - 5,6 + PLAY & POEMS, GRAMMAR: L - 08 - 12 (WRITING SKILLS)]

SCIENCE

Fun Way of Exploring Science - MTG publication

MONTH	NAME OF LESSONS	NO. OF DAYS REQUIRED	ACTIVITIES
April 24	Lesson 1-Reproduction in Plants	11 days	1. To study the structure of a seed 2. To show the process of seed germination 3. To grow a new plant from root 4. To grow a new plant from Stem 5. Make a PPT Presentation on adaptation in animals
	Lesson 2-Adaptation in Animals	11 days	
PT 1(Lesson 1 and 2)			
May+ June (13+7)	Lesson 3- Bones and Muscles	11 days	To locate movable joints in body
July 27	Lesson 4- The Nervous System	13 days	1. To show the effect of light on our pupil
	Lesson 5- Nutrition and Health	14 days	1. To show that groundnut contains fats 2. To make a poster on methods for prevention of communicable disease
PT -2(Lesson 3 and 4)			
August 22	Lesson 6- Our Safety	12 days	1. Draw 10 road signs and write their meaning 2. To demonstrate the first aid provided in case of Fracture
	Lesson 7- Matter	12 days	1.To find solubility of some solid substances in water 2. To find whether the given liquid is miscible or immiscible

September 12	Revision for HYE	7 days	
HALF YEARLY EXAMINATION (LESSON 1-7)			
October 20	Lesson 8- Rocks and Minerals	12 days	1. To make PPT on different types of rocks 2. Make a poster on methods of soil conservation
	Lesson 9- Force , Energy and Simple Machines	14 days	To make a model of any one type of simple machine
November 19	Lesson 10- Air and Water	14 days	1. To prove that air has weight 2. To prove that air occupies space 3. To prove that air exerts pressure 4. To prove that oxygen is needed for burning 5. To remove soluble impurities through evaporation
PT -3(LESSON 8 AND 9)			
December 25	Lesson 11-Sun,Moon and Planets	12 days	1. Demonstrate Solar and Lunar Eclipse with the help of balls and torch
	Lesson 12- Natural Disaster	12 days	1. To make a poster on safety measures during an earthquake
January 18	Lesson 13-Environmental Issues	12 ays	1. To make a poster on any one type of pollution and its preventive measures
February 9	Revision for Annual Examination	7 days	
ANNUAL EXAMINATION (LESSON 8-13)			

SOCIAL SCIENCE

MONTH	NAME OF THE CHAPTERS	DAYS REQUIRED	LEARNING OUTCOME ACTIVITIES
April 24 days	1.Maps and Globes	9	Draw a map of your classroom/house using symbols. Prepare a key for the map.
	2.Latitudes and Longitudes	9	Draw a globe and mark Equator, Tropics, and important latitudes. Locate your city using coordinates.
	11.Transmitting Knowledge	6	Draw a diagram showing evolution of communication (radio to computer).
PERIOD TEST 1 [CHAPTER 1,11]			
May +June 13 days+7 days	9. keeping the Environment clean	12	Make a poster showing ways to keep the Environment clean
	17.India Wins Freedom	7	Draw a timeline diagram of important events of India's freedom struggle
July 27 days	3.Weather and climate	10	Draw and label a weather chart showing temperature, rainfall, and seasons
PERIOD TEST 2 [CHAPTER 2,17]			
August 22 days+ September 12 days	5.Democratic Republic of the Congo	8	Locate DRC on a world map. Draw and label equatorial forest features
	4.Major Landforms	8	
	6.Greenland	7	Mark Greenland on a map. Draw an igloo and label

			parts.
	7.Saudi Arabia	6	Locate Saudi Arabia on a map. Draw a desert scene (sand dunes, camel, oasis).
	Revision for HYE		
HALF YEARLY EXAMINATION CHAPTER -[3,4,5,6,7,8,9,17]			
October 20 days	8.The Prairies	10	Locate Prairies on world map. Draw grassland diagram with animals.
	10. Pollution	10	Draw diagrams showing types of pollution (air, water, land). Make a post
November 19 days	12.Inventions and Discoveries	10	•Draw and label any two important inventions.
	14.Great Indians	9	Draw and label pictures of any two great personalities.
PERIODIC TEST -3 [CHAPTER -10 ,12]			
December 25 days +January 18 days+ February 9 days	13. Towards Healthy life	9	•Draw a balanced diet chart diagram.
	15. British Rule and Revolt of 1857	9	•Draw a simple map showing major centers of revolt (Delhi, Kanpur, Lucknow).
	16.Towards Independent India	9	Make a flowchart of events leading to Independence
	19.United Nations	7	Draw the UN logo and label its main organs
	18. Governing Ourselves	8	•Draw a diagram of the structure of government (local, state, central).
	Revision for AE		
ANNUAL EXAMINATION [CHAPTER-12,13,14,15,16,18,19]			

HINDI

किताब - नव सारंग (साहित्य) , वर्तिका (व्याकरण)

चं	पाठ्य पुस्तक	पाठ्य क्रम	पाठ का नाम	कालांश	गतिविधियाँ
अप्रैल 24	नव सारंग वर्तिका	पाठ 1	हमारा भारतवर्ष (कविता)	6	ग्रीष्मकालीन गृहकार्य सप्ताह १- प्रश्न पत्र या प्रश्नों का निर्माण पढ़ी/सुनी रचनाओं के आधार पर तरह-तरह के सवाल बना सकते हैं। बच्चों से यह भी कहा जा सकता है कि वह उन प्रश्नों का निर्माण करें जो वे चाहते हैं कि उनसे परीक्षा में पूछे जाएँ। या वे अपना प्रश्न पत्र स्वयं बनाए और हल करें।
		पाठ 2	नदी का तापमान	5	
		पाठ 1	भाषा , लिपि और व्याकरण	4	
		पाठ 2	वर्ण विचार हिन्दी क्रियाकलाप Smart Class Work sheet/ मूल्यांकन परीक्षण	1 1	
मई 13	नव सारंग वर्तिका	पाठ 3	एकाग्र अर्जुन	4	
		पाठ 4	संज्ञा	3	

		पाठ 20	कहानी लेखन	2 1	
PERIODIC TEST -1 नव सारंग - पाठ 1, 2 वर्तिका - पाठ 1, 2					
जून 7					
जुलाई 27	नव सारंग “ वर्तिका	पाठ 4 पाठ 5 पाठ 5 पाठ 6	जीवन का आधार - रक्त विजयी विश्व तिरंगा प्यारा लिंग वचन	4 4 3 3 3	ग्रीष्मकालीन गृहकार्य सप्ताह १० - बच्चों से बीते दिनों की पढ़ी गई अंग्रेजी की कहानी को हिंदी में लिखने के लिए कहें। लिखी गई कहानी में बच्चे अपने अनुसार क्या बदलाव चाहते हैं लिखें।
PERIODIC TEST-2 नव सारंग- पाठ - 3, 4 व्याकरण - पाठ - 3, 4					
अगस्त 21	नव सारंग वर्तिका	पाठ 6 पाठ 7 पाठ 8 पाठ 17	कर्मों का फल कारक सर्वनाम पत्र लेखन 1. अवकाश के लिए प्रधानाचार्या को पत्र। 2. शुल्क मुक्ति हेतु प्रधानाचार्या को पत्र Smart Class मूल्यांकन परीक्षण/ work sheet	4 5 6 5 1	
सितंबर 12	वर्तिका “ “	पाठ 18 पाठ 16	अनुच्छेद लेखन 1. प्रातः काल 2. परिश्रम का महत्व अपठित बोध		
HALF YEARLY EXAMINATION					
अक्टूबर	नव सारंग	पाठ 8 पाठ 9 पाठ 10	बहुत दिनों के बाद साधु की सीख ईमानदारी का ईनाम	5 4	
	वर्तिका पाठ	पाठ 9 पाठ 10	विशेषण क्रिया और काल		
नवंबर 19	नव सारंग “ वर्तिका “ “ “	पाठ 11 पाठ 14 पाठ 11 पाठ 12 पाठ 13	पथरों में छिपी कहानियाँ नाव की कहानी अव्यय संबंध बोधकछधँ विराम चिह्न Smart Class Work sheet/मूल्यांकन परीक्षण	4 4 3 3 2 2 2	शीतकालीन गृहकार्य सप्ताह 4- कैलेंडर भरना/ डायरी लिखना। बच्चों से यह कहा जा सकता है कि वह अपने घर में टंगे कैलेंडर या डायरी में प्रतिदिन यह लिखे कि उन्होंने पूरे दिन में क्या खास काम किया उन्हें क्या आज अच्छा लगा।
दिसंबर 25	नव सारंग “	पाठ 15 पाठ 16	वीर सावरकर वाद्य यंत्रों का अनोखा संसार	4 4	सप्ताह 2 - पुस्तक समीक्षा- बच्चों से

	वर्तिका "	पाठ 14 पाठ 15	मुहावरे और लोकोक्तियाँ शब्द भंडार हिन्दी क्रियाकलाप	4 3	यह कहा जा सकता है कि वह अपनी किसी कहानी की किताब, पाठ्यपुस्तक के बारे में बताएं कि उन्हें क्या पसंद आया क्या ना पसंद नहीं आया और क्यों।
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PERIODIC TEST -3
नव सारंग-8,9 वर्तिका-9, 10

जनवरी 18	वर्तिका	पाठ 17 पाठ 19	पत्र - लेखन 1 छात्रावास से पिताजी को पत्र लिखिए २ अपने नए विद्यालय के संबंध में मित्र को पत्र लिखिए निबंध लेखन परिश्रम का महत्व दूरदर्शन Smart Class मूल्यांकन परीक्षण/ Work sheet	5 5 7 1 1 1	
फ़रवरी 9	Term 2	पाठ 22 पाठ 23 पाठ 16	चित्र वर्णन विज्ञापन लेखन अपठित बय Smart Class कक्षा परीक्षण Work sheet	3 3 3 4	

ANNUAL EXAMINATION

CLASS-5 [SANSKRIT]

संस्कृत सागर

माह/दिन	पाठ्यक्रम पाठ्यपुस्तक (संस्कृत-सागर भाग-3)	कालांश	पाठों का विवरण
अप्रैल	प्रथम: पाठ:	4	कर्त्ता- कारकम्
मई	द्वितीय: पाठ:	3	कर्म - कारकम्
PERIODIC TEST-1 [CHAPTER 1, 2]			
जून	तृतीय: पाठ:	2	करण- कारकम्
जुलाई	चतुर्थ: पाठ: पंचम: पाठ:	4	संप्रदान- कारकम् अपादान- कारकम्
PERIODIC TEST - 2 [CHAPTER 3, 4, 5]			
अगस्त	षष्ठ: पाठ:	3	संबंध -कारकम्
सितम्बर	पुनरावृत्ति	3	पुनरावृत्ति
HALF YEARLY EXAMINATION [CHAPTER 1,2,3,4,5,6]			
अक्टूबर	सप्तम: पाठ:	3	अधिकरण कारकम्
नवम्बर	अष्टम:पाठ: नवम: पाठ:	4	सम्बोधन -कारकम् सुभाषितानि
दिसम्बर		3	पुनरावृत्ति
PERIODIC TEST-3 [CHAPTER 7 - 9]			

जनवरी	दशम:पाठ: एकादश:पाठ:	4	मूर्खे: सह मित्रता न उचिता धातु- रूप
फरवरी	द्वादश: पाठ: पुनरावृत्ति	2	संख्यावाची -शब्दा:
ANNUAL EXAMINATION			

COMPUTER

Month	Chapter	Name	Activities
April + May	Chapter -1	1.Photo Editor & Video Editor	Lab Activity
	Chapter-2	2.Advanced Features of Word	Test
Periodic Test -1 Chapter -1			
June + July	Chapter -3	3.More on Power point 2019	Lab Activity
	Chapter - 4	4.Introduction to Excel 2019	Test
Periodic Test-2 Chapter 2,3			
August	Chapter-5	5.Editing Cell Contents in Excel 2019	Lab Activity Test
Sep	Revision		
HALF YEARLY EXAM CHAPTER - 1 TO 5			
October	Chapter -6	6.Internet and E- mail	Lab Activity
	Chapter - 7	7.Safeguarding your computer	Test
November	Chapter - 8	8.Data Processing	Lab Activity Test
December	Chapter - 9	9.Introduction to Scratch	Lab Activity
Periodic Test-3 L-6, L-7			
January	Chapter - 10	10.Robotics	Lab Activity Test
February	Project Revision		
Annual Examination			

CLASS-5 APTITUDE & REASONING

BOOK NAME: MIND BOOSTER

NUMBER OF WORKING DAYS	NAME OF THE CHAPTER
April 24 days	CH-1 Geometrical shapes and Solids CH -11 Mirror and water image CH -2 Classification
May 14 days	CH - 7 Venn Diagram
PERIODIC TEST -1 [CHAPTER :1,2,11]	
June 7 Days + July 27 Days	CH -3 Ranking Test CH -4 Setting arrangement test Ch-5 Direction test
PERIODIC TEST -2 [CHAPTER : 3,4,7]	
August 22 Days	CH-6 Blood relation
September 12 Days	Worksheet- 1
HALF YEARLY EXAMINATION [CHAPTER 1 ,2,3,4,5,6,7 and 11]	
October 20 Days	Ch-10 Coding - Decoding
November 19 Days	Ch -14 Alphabet test & logical sequence of word Ch- 8 Series

PERIODIC TEST -3 [CHAPTER : 8,9,10,14]

December 25 Days	Ch- 9 Analogy Ch - 15 Scientific reasoning
January 18 Days	Ch- 16 Knowledge world
February 09 Days	Worksheet-2 Revision

ANNUAL EXAMINATION [CHAPTER 8,9,10,12,13,14,15,16]

GENERAL KNOWLEDGE

New Brainiac 2.0

MONTH	NAME OF THE CHAPTER	Activities
April (24 days)	<ul style="list-style-type: none"> • Lesson 1-India at a glance. • Lesson 2-Largest and smallest states of India. • Lesson 3-Our young superstar . • Lesson 4-the aura of creativity. • Lesson 5-Amazing firsts in India. • Lesson 6-Fruit cities of India. • Lesson 7-Female freedom fighters. • Lesson 8-Climate zone. • Lesson 9-The Human body Systems. 	Paste pictures of members of Indian cricket team and write their names.
May (13 days)	<ul style="list-style-type: none"> • Lesson 10 Natural Phenomena • Lesson 11-Newly discovered species • Lesson 12- Our amazing Earth. • Lesson 13-Our solar system. *The river's song. 	Paste picture of chief minister of Karnataka, Tamil Nadu, Kerala, Maharashtra and Andhra Pradesh and write their names.

PERIODIC TEST 1(CHAPTER 1 TO CHAPTER 10)

June + July (7+27)Days	<ul style="list-style-type: none"> • Lesson 14-Global leaders. • Lesson 15-Geography genius. • Lesson 16-Global Gaints- the world most important organisations • Lesson 17:-World 's most amazing dams. • Lesson 18- A glimpse into the world's tunnels. *The Humming birds and the forest fire. • Lesson 19:-Sports terminology . • Lesson 20-Famous sports person. 	*Current affairs *Write 5 Sports news and paste pictures related to it.
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PERIODIC TEST -2 (CHAPTER11TO 20)

August (23days)	<ul style="list-style-type: none"> • Lesson 21-The modern fitness playground. • Lesson 22-The mind and body connection. • Lesson 23- Sports of different countries . • Lesson 24-journey to the health :who am I? 	Current affairs
September (12days)	<ul style="list-style-type: none"> • Lesson 25-Global sport achievers. *The track stars who run for all. 	Paste pictures of chief ministers of Punjab,hariyana and Himachal Pradesh and write theirs names

HALF YEARLY EXAMINATION (CHAPTER 1 TO 25)

October (20 days)	<ul style="list-style-type: none"> Lesson 26-Sovereign leaders. • Lesson 27 Presidents of India. • Lesson 28-Breaking the mold- female first in leadership. • Lesson 29-Indian patriotic movies. 	*Paste picture of chief minister of union territories and write their names.
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	•Lesson 30- Musical Maestro of the world.	
November (19 days)	•Lesson 31-The magic of animation. •Lesson 32-Common acronyms. •Lesson 33-Lives that changed the world: famous biographies . •Lesson 34-State languages. •Lesson 35- (Idioms)	*Current affairs
PERIODIC TEST -3 (Chapter 26-33)		
December (25 days)	•Lesson 36-fun with words. •Lesson 37-building the family tree. •Lesson 38-Solve the analogies. •Lesson 39-Finding the odd one out. •Lesson 40-Brain teaser.	Write 5 International news in file and paste pictures related to It.
January (18days)	•Lesson 41- Team work and communication •Lesson 42- The magic words. •Lesson 43-the little bird and wise old owl	Current affairs.
February (9days)	Questionnaire •India and science •World and fun	Current affairs
ANNUAL EXAMINATION (CHAPTER 26 TO 43)		

LIFE SKILLS

A BETTER YOU -G. RAM BOOKS

MONTH	NAME OF CHAPTER	DAYS REQUIRED	ACTIVITY
April	1. Exercise the Body and Mind 2. Self acceptance.	5	<ul style="list-style-type: none"> Make a chart of weekly exercises in details. Write some thoughts that you have in your head right now.
May	3. Being courageous	3	<ul style="list-style-type: none"> Make a list of 5 positive thoughts during whole week.
PERIODIC TEST - 1 *CH. 1, 2+			
June + July	4. Decision making	5	<ul style="list-style-type: none"> Write three sentences to express love for yourself. Make a list of people you trust and who you think trusts you.
PERIODIC TEST - 2 *CH. 3, 4+			
August	5. Forgiveness	3	<ul style="list-style-type: none"> Make a list of the people and some incidents you can't forget or forgive with reason.
September	Revision		
HALF YEARLY EXAMINATION *CH. 1 - 7+			
October	6. Learning From Mistake	3	<ul style="list-style-type: none"> Write some valuable lessons you have learned from your mistakes.
November	7. Dealing with Anxiety	3	<ul style="list-style-type: none"> Make weekly plan of work and also some playtime with your family or friends. Write 4 pros and cons of using social media.
PERIODIC TEST - 3 *CH. 8, 9+			
December	8 Handling Loss	3	<ul style="list-style-type: none"> Write some ways to improve your mood instantly in disappointment because of loss.

January	9.Anxiety 10.social media	3	Write three thoughts that keep coming in your mind and three ways to stop these thoughts.
February	Revision		

ANNUAL EXAMINATION *CH. 8 - 12+

DRAWING

ETERNAL ART FESTIVAL -Eternal Publication

MONTH AND WORKING DAYS	CONTENT/TOPIC	ACTIVITY
April-24	Colours introduction, Basic shapes, lines, grid drawing Pg no 3,4	Vegetable printing, spray Painting
May-13	Object drawing, still life drawing pg no- 5,6	Frame work , origami
PERIODIC TEST -1		
June-07	Nature Drawing, Madhubani paintings pg no-7,8	Poster making
July-27	Lines are fine, my creation. Pg no- 9,10,11	Book mark making, aquarium
PERIODIC TEST -2		
August -22	National theme Drawing Indian flag/freedom fighters pg no-12,13,14	Tri colour paper craft, leaf printing
September-12	Animal/Bird study pg no- 15,16,17	Favourite animal/bird mask, cut and paste
HALF YEARLY EXAMINATION		
October -20	Rajsthani art Festival drawing 18,19,20	Diya /rangoli decoration
November -19	Warli art pg no 21,22,23	Ear bud painting
PERIODIC TEST -3		
December -25	Type of feet, scenery with sketch pen Pg no-24'25,26	Crad making , Christmas activity
January -18	Patriotic Theme Republic day scene pg no-27,28,29	Tricolour Badge Scenery with finger prints
February-09	Revision/art competition	Blow painting
ANNUAL EXAMINATION		

ROBOTICS & ARTIFICIAL INTELLIGENCE (STEM)

Provider: *Naivotech Innovations* | Academic Session: *April 2026 – March 2027* | Code.org: *Course F*

Month	Chapter & Topics	Lab Activities & Coding
April (2026)	Ch-1: Digital Electronics & Coding Theme: Foundations of Electronics & Arduino Programming Topics: Introduction to Electronics, Ohm's Law, Digital vs Analog Pins, Arduino UNO Basics, Programming Using PictoBlox, TinkerCAD Introduction Course F Integration: Lessons 1–3: Advanced Events & Logic Skill Focus: Electrical Calculations, Code-Hardware Integration, Logical Structuring	Lab Activity 1: Measuring Voltage of Different Batteries Lab Activity 2: Calculating Resistance Using Colour Code Lab Activity 3: Glowing an LED with a Resistor Lab Activity 4: Making a Simple Circuit on TinkerCAD Lab Activity 6: Write Code and Make an LED Blink Assessment: Voltage measurement test, Circuit accuracy check, Coding verification
May	Ch-1: Completion Theme: Embedded Logic & Pattern Programming Topics: LED Patterns, Traffic Light Logic Course F Integration: Lessons 4–6: Loops & Variables Skill Focus: Pattern Logic, Embedded Control Systems	Lab Activity 5: Traffic Light Controller Circuit Lab Activity 7: Creating LED Animation Additional Reinforcement: Advanced LED Sequence Challenge, Mini Pattern Design Task Assessment: Traffic light demo, Variable coding worksheet
PERIODIC TEST-1 [Chapter 1]		
July	Ch-2: Artificial Intelligence Theme: Understanding AI Systems & Ethical Thinking Topics: What is AI?, Rule-Based vs AI Programs, Learning in AI, Inside an AI System, Ethical AI Course F Integration: Lessons 7–9: Data & Advanced Conditionals Skill Focus: AI Model Understanding, Pattern Recognition, Ethical Awareness	Lab Activity 8: Smart Face Detection System Lab Activity 9: Smart Voice Quiz Game Lab Activity 10: Finger Tracking Using AI Lab Activity 11: Logo Quiz Game Using AI Assessment: AI demo presentation, Reflection on ethical AI
August	Ch-3: Understanding Sensors Theme: Multi-Sensor Integration Systems Topics: IR Sensor, Ultrasonic Sensor, Touch Sensor, Sensor Working Principles Course F Integration: Lessons 10–12: Input-Based Programming Skill Focus: Sensor Coding, Real-Time Decision Systems	Lab Activity 12: Smart Security Gate System Lab Activity 13: Interfacing Ultrasonic Sensor Lab Activity 14: Height Measuring Cap Lab Activity 15: Intruder Alarm System Lab Activity 16: Interfacing Touch Sensor Assessment: Sensor calibration test, Code review
PERIODIC TEST-2 [Chapters 2 & 3]		
September	Ch-4: Fun with Robotics & Mechanisms Theme: Robotics Motion & Motor Systems Topics: History of Robotics, Robot Components, Types of Motors, How Robots Move Course F Integration: Lessons 13–15: Nested Logic & Control Systems Skill Focus: Motor Control, Mechanical Integration, Automation Thinking	Lab Activity 18: Interfacing DC Motor with Arduino Lab Activity 19: Servo Controlled Gripper Arm Lab Activity 20: Touch Controlled Smart Door Assessment: Robot motion demo, Logic structure evaluation
HALF YEARLY EXAMINATION [Chapters covered April - September]		
October	Ch-5: Aeromodelling & Flight Science	Lab Activity 21: Airflow Direction

Month	Chapter & Topics	Lab Activities & Coding
	Theme: Aerodynamics & Flight Mechanics Topics: Forces on Flying Object, Lift & Wing Shape, Aircraft Parts Course F Integration: Simulation Logic Reinforcement Skill Focus: Aerodynamics Understanding, Experimental Testing	Experiment Lab Activity 22: Lift Using Curved and Flat Wings Additional Activities: Wing redesign challenge, Flight distance testing Assessment: Flight performance comparison sheet
November	Ch-6: Mechanics & Engineering Theme: Mechanical Advantage & Hydraulic Systems Topics: What is Mechanics?, Mechanical Advantage, Simple Machines, Hydraulic Systems Course F Integration: Lessons 16-18: Variables & Mathematical Logic Skill Focus: Force Distribution, Engineering Application	Lab Activity 23: Build a Simple Hydraulic Arm Model Lab Activity 24: Create a Model of Pulley System Lab Activity 25: Hydraulic Bridge Assessment: Mechanical model evaluation rubric
PERIODIC TEST-3 [Chapters 5 & 6]		
December	Ch-7: Coding & App Development Theme: App Design & Python Foundations Topics: App Lab (Code.org), UI Design, Design Mode vs Code Mode, Introduction to Python Course F Integration: Course F Advanced Game Project Skill Focus: App Logic Design, Syntax Understanding	Lab Activity 26: Make Your First Calculator App Lab Activity 27: Python Program - Hello World Lab Activity 28: Python Program - Sum of Two Numbers Additional Tasks: App improvement challenge Assessment: App functionality test, Python code review
January	Ch-8: AI Applications & Smart Solutions Theme: Applied AI for Real-World Solutions Topics: Home Automation Using AI, NLP Basics, Text-to-Speech, AI for Social Good Course F Integration: Course F Completion & Certification Skill Focus: Applied AI Thinking, Social Impact Innovation	Lab Activity 29: Home Automation - Light Control Lab Activity 30: Definition with ChatGPT Capstone Preparation: Obstacle Avoiding Robot Planning Assessment: AI solution presentation, Coding project submission
February (Capstone)	Capstone Projects Theme: Integration of Full Year Learning	Obstacle Avoiding Robot Project Focus: <ul style="list-style-type: none"> • Ultrasonic Sensor for Obstacle Detection • Servo Motor for Direction Control • Decision Making Logic • Autonomous Movement
ANNUAL EXAMINATION [All Chapters]		

— Core Completion: April - December | Extension: January - February —