



LITTLE FLOWER HOUSE

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



SYLLABUS

SESSION 2026-27

CLASS-1



ENGLISH

Months	No of days	English Ferry (MacMillan)	My Green Book of Grammar (English Press)	Writing skills	Activities
April 24 days	14	Foundational Literacy	L-1 The Alphabet	L-18 Reading comprehension (unseen passage-A & B) already mentioned in the book.	(1) Simon Says (2) Alphabet Hunt: Hide Alphabet Flashcards in the classroom. Ask students to find a letter and say a word starting with that letter. (3) Vowel clap
	8	Poem- Everybody has a Name		Making Sentences (English Ferry)	Make a family tree and write down the names of your family members. Make an 'I Can' flower
May 13 days	13	L-1 Is There Anyone Like Me?	L-2 Naming Words	Completing Sentences (English Ferry)	Name, Place, Animal, Thing (Grammar Activity 1)
PERIODIC TEST-1 (Foundational Literacy, Everybody has a Name, The Alphabet, Reading comprehension, Making sentences)					
June 07 days	6		L-3 Special Names		Listen- Find- Circle (Grammar activity 2)
July 27 days	26	L-2 Ria's Family	L-4 One and More than One	Completing Sentences (English Ferry)	Make your family tree.
PERIODIC TEST-2 (Is There Anyone Like Me?, Ria's Family, Naming Words, Special Names, Completing Sentences)					
August 21 days	10	Poem- Ducks on the Water	L-5 Gender	Completing Sentences	Draw a duck Grid mystery (Grammar Activity 5) Make an album of your favourite friend pictures.
	11		L-3 The True Friend	L-6 I, We, You, They, He, She, It	
				L-7 Describing Words	
September 12 days	4		L- 8 This, That, These, Those		Wheel of likes and dislikes
	4		L- 9 A, An, The		Draw and speak
	4	Revision for HYE			
HALF YEARLY EXAMINATION (CHAPTERS TAUGHT FROM APRIL - SEPTEMBER)					
October 20 days	15	Poem - I Can be a Pal	L- 10 Doing Words	Completing a Paragraph	Make a friendship band
	4		L- 11 Is, Am Are + -ing Words		
November 19 days	11	L-4 The Parrots and the Flower	L- 12 Has, Have	Describing Pictures	Activity- Do mimicry of some animals Spin the bottle
	4		L- 13 In, On, Under, Near	L-18 Reading comprehension	


	3		L- 14 The Sentence	(unseen passage- C&D) already mentioned in the book.	
PERIODIC TEST-3 (I Can be a Pal, The Parrots and the Flower, Doing Words, Is, Am, Are + ing, Completing a Paragraph)					
December 25 days	20	Poem- If You Should Meet a Crocodile	L-15 Capital Letter, Full Stop, Question Mark, Comma	Completing a Paragraph L-17 Task Completion	Spot the differences Read and paint
	4		L-16 Vocabulary		
January 18 days	12	The Selfish Tree	L-17 Writing picture composition	Completing a paragraph Creative Writing	Collect dry leaves of different shapes and size and make animal figures using the leaves. Take some seeds and sow it in a pot
	6	Poem- Open House			
February 9 days	2	Being a tree together. Plant a tree, save the Earth.			In - House Scavenger Hunt
	7	Revision for AE			
ANNUAL EXAMINATION (CHAPTERS TAUGHT FROM OCTOBER to FEBRUARY)					

Note: Worksheets and class tests will focus on developing critical thinking, communication skills, and creativity through simple language-based activities.

MATHEMATICS

**BOOK NAME: NEW COMPOSITE MATHEMATICS
(R.S. AGGARWAL)**

Months	No. of days	Name of the Chapter	Learning outcome based activity
April (24Days)	5	L-1 Review of basic concepts	Activity - 1 Show them fingers and ask them to count and then clap/ jump as many times. <ul style="list-style-type: none"> Clap any number of times and ask them to show them on fingers
	4	L-3 Numbers from 1 to 10	Activity -2 Students may take out objects upto 20 from a given collection of objects such as leaves, beads, Ice - cream sticks etc. and compare which is more than , less than or equal through the activity. Number Game with Fingers or Sticks: Activity: Show numbers using fingers or by making bundles with sticks.
	13	L- 4 Addition	Activity - 3 Addition with Fingers or Objects: Activity: Use fingers, buttons, pebbles, or toys to perform addition. Picture-Based Subtraction: <ul style="list-style-type: none"> Activity: Count total items, then cross out some and count what's left.

May (13 days)	12	L- 5 Subtraction	Activity - 4 By using different objects/ pictures do subtraction of taking away.
PERIODIC TEST -1 [LESSON -1,3, 4]			
June +July (33Days)	3	L- 6 Concept of zero	Activity -5 Using toffees explain concept of zero.
	4	L- 7 Numbers from 11 to 20	Activity- 6 Put the colours according to the number 
			Draw and Show the Number: Activity: Draw sticks or objects to represent numbers. Real-Life Counting: Activity: Count things around the classroom or home (books, pencils, etc.) that total between 10 and 20
	5	L-8 Numbers from 21 to 50	
	10	L-9 Numbers from 51 to 100	Activity -7 Count in groups of tens and ones for numbers more than 20 like 38 has 3 groups / bundles of tens each and 8 loose (ones)
	6	L-10 Numerals on Abacus	Activity-8 Make a abacus using toothpick and thermochol balls.
PERIODIC TEST-2 (LESSON - 5, 6, 7, 8)			
August (21 Days)	7	L-11 Comparison and ordering of Numbers	
	12	L-12 Addition of 2-digit Numbers	Activity-9 Students may take out objects upto 20 from a given collection of objects such as leaves, beads, Ice-cream sticks etc. and do Addition. Add Tens and Ones Separately: Activity: Add numbers by separating tens and ones.
September (12 Days)	8	L- 13 Subtraction of 2 - digit Numbers	Count and Subtract with Bundles: Activity: Use bundles and loose sticks to subtract tens and ones.
	2	L-14 Patterns in shapes and numbers	Activity - 10 By standing in a queue learn skip counting Patterns with Body Movements: Activity: Create patterns using body movements like clap-jump-clap-jump or tap-tap-spin. Object Patterns: Activity: Use real objects like bangles, beads, crayons, or buttons to make repeating patterns.
	2	Revision for HYE	

HALF YEARLY EXAMINATION
(LESSON 1 , 3,4 5,6,7,8,9,10,11,12 13,14)

October (20 Days)	12	L-15 Multiplication	Activity -11 Repeated Addition with Pictures: Activity: Count objects in groups and find the total. Real-Life Picture Observation: Activity: Observe pictures (like rows of pencils, baskets of fruits) and answer: "How many baskets?" Drawing Groups: Activity: Draw equal groups based on the instruction. Example: Draw 5 bags with 3 balls each.
	6	L-16 Ordinal Numbers	Activity - 12 Make a chart of Ordinal numbers
November (19 Days)	6	L-18 Time	Activity - 13 Make a clock Parts of the Day: Activity: Discuss different parts of the day - morning, afternoon, evening, and night. Morning, Noon, Evening, Night Sorting: Activity: Sort pictures of activities into morning, noon, evening, or night.
	11	L-19 Calendar	Activity -14 Make a calendar of your birthday month.
PERIODIC TEST-3 (LESSON -15, 16, 18)			
December (25 Days)	11	L-20 Money	Activity - 15 Simple Shopping Activity: Activity: Create a mock shopping environment where children "buy" items using play money. Making Amounts with Coins: Activity: Use different coins to make a given amount.
	11	L- 21 Measurements	Activity-16 Estimate and measure short lengths from your surroundings using non-standard units like finger , handspan , lengths of a cubit , footsteps etc. Compare Volumes (More/Less Water): Activity: Fill different containers with water and compare. Compare Weights (Heavier/Lighter): Activity: Hold two objects in hands and guess which is heavier or lighter. Compare Heights: Activity: Compare height of friends, plants, or toys.
January (18 days)	10	L-17 Shapes	Activity - 17 Picture Identification: Activity: Identify shapes in pictures of everyday objects (e.g., clock, kite, door). Make Pictures Using Shapes: Activity: Create pictures (like a house, a rocket, a tree) using cut-outs of different shapes. Identifying Solid Objects: Activity: Recognize 3D shapes like cube, cuboid,

			sphere, cone, cylinder using real-life objects (e.g., ball, box, ice cream cone). Rolling and Sliding Activity: Activity: Test which objects roll and which slide. Task: Try rolling a ball, a book, a pencil box, etc.
	5	L-2 Words of position	Activity -18 Activity: Students follow a story where a girl named Mini is looking for her cat Pussy. Picture Observation Activities: Activity: Look at the pictures and describe where the cat is. Classroom Movement Activity: Activity: The teacher asks children to place objects or themselves in different positions.
February (9 Days)	4	L-22 Data Handling	Activity - 19 Collecting Data from the Class: Activity: Ask classmates questions like "Which fruit do you like?" or "What is your favourite colour?" and record answers.
	5	Revision for AE	
ANNUAL EXAMINATION (LESSON- 2, 15,16,17,18,19,20,21,22)			

HINDI

नव सारंग, वर्तिका

हिन्दी	पाठ्य सूची	कक्षा १	हिन्दी साहित्य -नव सारंग	व्याकरण - व्याकरण वर्तिका
माह	पाठ्य पुस्तक	पाठ्य क्रम	पाठ का नाम	हिन्दी क्रिया कलाप
अप्रैल २४	नव सारंग	पाठ १.	कहानी रचना आओ मिलकर खेलें - खेल वर्णमाला	शब्द लड़ी बनाइए। (शब्दों की अंत्याक्षरी)
	नव सारंग	पाठ २	बिना मात्रा वाले शब्द, मात्राएं	
	नव सारंग	पाठ ३	‘अ’ की मात्रा ‘आ’ की मात्रा ‘इ’ की मात्रा ‘ई’ की मात्रा ‘उ’ की मात्रा ‘ऊ’ की मात्रा ‘ऋ’ की मात्रा ‘ए’ की मात्रा रेल चली भई रेल चली (कविता) ‘ऐ’ की मात्रा मैना और मछली ‘ओ’ की मात्रा कोयल बोले मीठे बोल ‘औ’ की मात्रा वाले शब्द दौड़ी दौड़ी आई पकौड़ी	

			अनुस्वार ,अनुनासिक और विसर्ग Smart Class Work sheet/ मूल्यांकन परीक्षण	
मई १३	नव सारंग	पाठ -४	संयुक्त व्यंजन और द्वित्व व्यंजन ड़ और ढ़	
	नव सारंग	पाठ -५	पाठ एक वर्णमाला, बिना मात्रा वाले शब्द आ की मात्रा और इ की मात्रा।	
PERIODIC TEST-1 नवसारंग –बिना मात्रा के 2,3,4 अक्षर वाले शब्द आ की मात्रा वाले शब्द				
जून ७	नवसारंग	पाठ -६	रेफ और पदेन की मात्रा	
जुलाई २७	वर्तिका	पाठ -१	भाषा, लिपि और व्याकरण (४)	
		पाठ -२	वर्ण और वर्णमाला (४)	
		पाठ -३	मात्राएं (४)	
			Smart Class मूल्यांकन परीक्षण/work sheet	
जुलाई	PERIODIC TEST -2 नव सारंग- 'ई' की मात्रा से 'औ' की मात्रा तक व्याकरण –पाठ 1 भाषा, लिपि और व्याकरण			
अगस्त २१	वर्तिका	पाठ ४	संज्ञा बोध (४)	व्याकरण की कॉपी में एक और अनेक वस्तुओं के चित्र चिपकाइए।
	"	पाठ ५	लिंग (४)	
	"	पाठ ६	वचन (४)	
	"	पाठ ७	सर्वनाम बोध (४) Smart Class Work sheet/मूल्यांकन परीक्षण	
सितंबर १२	वर्तिका	पाठ १२	अनुच्छेद लेखन १-मेरा विद्यालय २- गाय (६) पुनराभ्यास	किसी एक पालतू जानवर का चित्र बनाकर या चिपकाकर उसके बारे में बताइए।
HALF YEARLY EXAMINATION (सितम्बर तक पढ़ाए गए सभी पाठ)				
अक्टूबर २०	नव सारंग	पाठ ७	फूलों की महारानी कविता (५)	प्राकृतिक दृश्य का चित्र बनाकर रंग भरिए।
	वर्तिका	पाठ ८	विशेषता सूचक शब्द विशेषण (४)	
		पाठ ९	क्रिया (४)	
		पाठ ८	मेले का मजा कहानी (५) Smart Class	
नवंबर १९	वर्तिका	पाठ १०	पर्यायवाची शब्द (३)	चित्र बनाकर विलोम शब्द लिखिए।
		पाठ ११	विलोम शब्द (३)	
	नव सारंग	पाठ ९	मां गाड़ी आई कविता (४)	

दिसंबर	PERIODIC TEST -3 नव सारंग- पाठ ७ , ८ वर्तिका- पाठ ८ , ९		
दिसंबर २५	नव सारंग वर्तिका वर्तिका	पाठ 10 पाठ १२	किसान का पछतावा (४) Smart Class मूल्यांकन परीक्षण/ work sheet
जनवरी १८	नव सारंग वर्तिका	पाठ ११	रंग रंगीली होली कविता (४)
		पाठ १२	सोनू का खरगोश कहानी (४)
		पाठ १३	मेरा घर कविता (४)
		पाठ १४	यह कैसी आवाज ? (४)
			Smart Class मूल्यांकन परीक्षण/work sheet
फ़रवरी ०९	नव सारंग	पाठ १५ पाठ -१३	भिंडी की हंसी कहानी (४) लघु कहानी लेखन (४)
ANNUAL EXAMINATION (नव सारंग – 9–15, व्याकरण 8–11, 13)			

ENVIRONMENTAL STUDIES

The World Around us- Viva Publication

MONTH	NAME OF CHAPTER	DAYS REQUIRED	ACTIVITY
April 24 days	1.About Me & My Body	12	About Me: Talk to your friend and tell him/her about any five food items you like to eat to stay fit and healthy. My Body: How many of the following body parts do you have? Write their number names. (Eyes, Fingers, Teeth, Toes) Looking after My Body: Make a chart on 'My Body Parts'. Collect pictures of summer, rainy winter seasons clothes and paste them in your copy.
	2. Clothes We Wear	10	
MAY (13 days)	3. My School	12	Draw or paste picture s of ways in which you can keep your classroom and school clean.
PERIODIC TEST 1 [CHAPTER 1-2]			
JUNE + JULY (7+27 days)	4. Food We Eat	14	Draw two fruits & two vegetables according to your choice and speak out 3 healthy eating habits.
	5. My Family	14	Paste picture of large and small family. Speak 5 sentences about your parents how they help you.
PERIODIC TEST-2 [CHAPTER 3-4]			
AUGUST (21 days)	6. We Need Shelter	12	Draw different type of houses in your copy.
	7. Our Neighbourhood and People Who Help Us	10	Count and name the places you see in your neighbourhood. Also, spell them out loud in front of your class. Identify community helpers with their work.
SEPTEMBER (12 days)	Revision for Half yearly examination	7	
HALF YEARLY EXAMINATION [CHAPTER 1-7]			

OCTOBER (20 days)	8. Festivals	9	Paste picture of National festivals in your copy. Draw picture of your favourite festival. Make a poster of different means of transport and name them.
	9. Travelling Is Fun	9	
NOVEMBER (19 days)	10. The World of Plants.	9	Draw plant with its parts and label them. Paste or draw a picture of your favourite pet animal and write why is it favourite ?
	11. The World Of Animals	9	
PERIODIC TEST-2 [CHAPTER 8-10]			
DECEMBER (25 days)	12. Water and Air	11	Paste picture of sources of water in your copy. Draw poster of weather.
	13. Weather	11	
JANUARY (18 days)	14. In the Sky	14	Form a pattern using clouds and the sun.
	Practice Sheets & Test Yourself	4	
FEBRUARY (9 days)	Revision for Annual Examination	7	
ANNUAL EXAMINATION [CHAPTER 8-14]			

COMPUTER

Month	Chapter	Name of the Chapter	Activities
April + May	Chapter -1	1.My first Computer	Lab Activity Test
PERIODIC TEST -1 CHAPTER - 1			
July	Chapter -2	2.Uses of Computer	Lab Activity Test
PERIODIC TEST - 2 CHAPTER - 1, 2			
August	Chapter-3	3.Parts of Computers	Lab Activity Test
Sep	Chapter -4	4.The Keyboard and the Mouse	Lab Activity Test
HALF YEARLY EXAM CHAPTER - 1 TO 4			
October	Chapter - 5	5.MS Paint	Lab Activity Test
November	Chapter - 6	6.Introduction to Scratchjr	Lab Activity Test
December	Chapter - 7	7.Reasoning and Critical	Lab Activity Test
PERIODIC TEST- 2 CH-5 TO 6			
January	Chapter - 8	8.Thinking Introduction to Artificial Intelligence	
February	Revision		
ANNUAL EXAMINATION			

GENERAL KNOWLEDGE

Brainiac Kiddle World Publication

MONTH	DAYS	CHAPTER NAME	ACTIVITIES / ENRICHMENT
April	24	1. Knowing India 2. Dances of India 3. Indian States & Capitals 4. Great Indians	Map-based exploration of India; cultural diversity discussion; dance appreciation via AV aids; role-play on national figures
May	13	5. Our Earth 6. Our Computer Friends 7. Gifts from Plants	Globe usage; introduction to basic computer parts; discussion on uses of plants with real-life examples
PERIODIC TEST -1 CHAPTER-1 TO 5			
June	7	8. Our Jungle Friends	Animal habitat identification; audio-visual recognition activities
July	27	9. Weather Words 10. The World Tour 11. Homes Around the World 12. Continents & Oceans	Weather chart preparation; introduction to globe; comparison of global housing; map colouring
PERIODIC TEST-2 CHAPTER- 6 TO 10			
August	21	13. National Games 14. Indoor & Outdoor Games 15. Sports Ball	Game classification; sports equipment identification; physical engagement activities
September	12	16. Fitness Time + Questionnaire 1	Basic fitness exercises; oral assessment; worksheet-based revision; general awareness questionnaire
HALF YEARLY EXAMINATION CHAPTER-1 TO 16 + QUESTIONNAIRE-1			
October	20	17. Toon World 18. Singing Legends 19. Glimpse at Politics	Cartoon character discussion; music appreciation; basic understanding of leadership roles
November	19	20. Languages of India 21. Make New Words	Language diversity awareness; vocabulary building exercises
PERIODIC TEST -3 CHAPTER-17 TO 21			
December	25	22. Paw Test 23. Fun with Numbers 24. Picture Puzzle	Logical reasoning through puzzles; number games; visual discrimination tasks
January	18	25. Manners Matters 26. Social Behaviour 27. World of Technology 28. Be Safe	Life skills through role play; digital awareness; safety education via real-life examples
February	9	Revision + Questionnaire 2	Comprehensive revision; oral quizzes; worksheet practice
ANNUAL EXAMINATION CHAPTER-17 TO 28 + QUESTIONNAIRE-2			

APTITUDE AND REASONING

Mind Booster. G. Ram Books

MONTH NO. OF DAYS	ALLOTTED PERIODS	LESSON
April (24 days)	7	Unit-1 CH-1 Spatial Awareness Unit-2 CH-3 Grouping
May (13 days)	3	Revision for PT-1
PERIODIC TEST-1 (Chapter: 1 & 3)		
June 07 July (27 days)	7	Unit-2 CH-4 Odd One Out Unit-3 CH-7 Patterns
PERIODIC TEST-2 (Chapter: 4 &7)		
August (21 days)	6	Unit -4 CH-9 Language and Grammar
September (12 days)	4	Fun zone
HALF YEARLY EXAMINATION (Chapter: 1,3,4,7,9)		
October (20days)	5	Unit -1 CH-2 Geometrical Shapes
November (19days)	6	Unit -2 CH-5 Ranking and order
PERIODIC TEST-3 (Chapter: 2 & 5)		
December (25 days)	6	Unit -2 CH-6 Measuring Units
January (18 days)	6	Unit -3 CH-8 Analogy
February (09 days)	4	Unit-5 CH-10 General Knowledge Worksheet 1 & 2
ANNUAL EXAMINATION (Chapter: 2,5,6,8,10)		

LIFE SKILLS

A BETTER YOU

Month	Days	Chapter Names	Activities / Enrichment
April	24	1. My Body	Identification of body parts using actions and mirror activity; simple oral questioning
May	13	2. Good Touch and Bad Touch	Role-play on safe and unsafe touch; awareness through guided storytelling
PERIODIC TEST-1			
July	27	3. My Family	Family tree drawing; sharing about family members; speaking activity
PERIODIC TEST-2			
August	21	4. My Routine	Daily routine sequencing; chart making; discussion on healthy habits
September	12	Revision + Test Yourself	Oral revision; picture-based assessment; worksheet practice
(HALF-YEARLY)			
October	20	5. Feelings	Emotion cards; expression through drawing; sharing personal feelings
November	19	6. Magic Words	Use of polite words (please, sorry, thank you) through role-play and conversation
PERIODIC TEST-3			

December	25	7. Uniqueness	Show and tell; self-introduction; appreciation of individual differences
January	18	8. Strangers	Safety rules; stranger danger role-play; situational questioning
February	9	Revision + Test Yourself	Comprehensive revision; oral quiz; worksheet practice
ANNUAL EXAMINATION			

DRAWING

Eternal Art Festival - Eternal Publication

MONTH AND WORKING DAYS	CONTENT/TOPIC	ACTIVITY
April -24	*Colours Introduction, Basic *Shapes and colouring *Lines drawing Pg no-3,4,	Paper folding boat/fan
May-13	Nature Drawing Trees, flowers, mountains, river Pg no-5,6	Thumb painting With poster colours
PERIODIC TEST-1		
June-7	Environment day Pg no-7	Paper collage
July-27	Object drawing Cup , bottle, jug Pgno-8,9,10	Paper collage fruit/vegetable Origami
PERIODIC TEST -2		
August-22	National Theme Drawing Indian flag/Freedom Fighters Pg no-11,12,13	Tricolour paper craft/Flag making
September-12	Animal/Birds Drawing animals using simple shapes Pg no-15,16,17	My favourite Animal/Bird mask
HALF YEARLY EXAMINATION		
October -20	Festival Drawing Diwali /Dussehra Festival scene Pg no-18,19,20	Diya /Ragoli decoration
November -19	Imagination Drawing Creative thinking/storytelling through drawing Pg no-21,22,23	My dream/Mt school Hut making with icecream stick
PERIODIC TEST-3		
December -25	Cartoon Drawing/card making Pg no-24,25,27	Puppet making
January -18	Patriotic Theme Drawing Republic day scene/My country India Pg no-26,28,29	Tricolour Badge or wind mill
February -9	Revision/art competition Freehand drawing Pg no-30,31,32	Best out of waste craft
ANNUAL EXAMINATION		

ROBOTICS & ARTIFICIAL INTELLIGENCE (STEM)

Provider: *Naivotech Innovations* | Academic Session: *April 2026 – March 2027*

Month	Chapter & Topics	Lab Activities & Coding
April (2026)	Ch-1: Robots Around Me Theme: Introduction to Robotics & Systems Thinking Topics: What is a Robot?, Robots as Helpers, Robots at Home/Hospitals/Factories, Parts of a Robot	Lab 1: Make a Simple Robo Buddy Lab 2: Miniature Robot Car Coding: Code.org Course B – Lessons 1-2 (Sequencing) Assessment: Practical Demonstration + Oral Q&A
May	Ch-2: Power, Light & Circuits (Part I) Theme: Energy & Basic Electrical Systems Topics: What is Energy?, What is Electricity?, LED – The Light Friend	Lab 3: Simple LED Circuit Lab 4: House with LED Lights Coding: Course B – Lessons 3-4 Maze Sequencing Assessment: Circuit Testing + Worksheet
July	Ch-2: Power, Light & Circuits (Part II) Theme: Circuit Completion & Sound Systems Topics: Buzzer – The Sound Friend, What is a Circuit?, Open vs Closed Circuit	Lab 5: Door Bell Circuit Lab 6: Creating an ArtBot Coding: Course B – Lessons 5-6 Debugging Basics Assessment: Functional Circuit Demonstration
August	Ch-6: Aeromodelling & Flight Theme: Force, Motion & Balance Topics: What is Aeromodelling?, Things That Fly, Air & Balance, Force & Motion	Lab 21: Paper Plane Lab 22: Ice-Cream Stick Catapult Coding: Course B – Lessons 7-8 (Introduction to Loops) Assessment: Distance Testing + Coding Completion
September	Ch-7: Hands-On STEM Activities Theme: Mechanical Systems & Engineering Applications Topics: Moving Systems, Rotational Motion, Magnetism Basics	Lab 23: Balloon-Powered Car Lab 24: Moving Aircraft Car Lab 25: Giant Wheel Lab 26: Experiments with Magnets Coding: Course B – Lessons 9-10 Loop Practice Assessment: Model Functionality Check
HALF YEARLY EXAMINATION [Chapters covered April – September]		
October	Ch-3: Shapes Build the World Theme: Spatial & Structural Intelligence Topics: 2D Shapes, 3D Shapes, 2D vs 3D, Digital Design	Lab 7: Create a Cube Using 3D Pen Lab 8: 3D Name Tag Design Lab 9: 3D House Design Lab 10: 3D Car Design Coding: Course B – Lessons 11-12 Events & Trigger Actions Assessment: 3D Model Evaluation
November	Ch-4: Talking to Computers (Coding Module) Theme: Computational Thinking & Logic Topics: What is a Computer?, What is Coding?, Commands Sequence	Lab 11-15: Puzzle Code Studio Levels Lab 16: Simple Animation Lab 17: Space Adventure Game Coding: Course B – Lessons Assessment: Coding Project Submission
December	Ch-5: Smart Machines (AI Module)	Lab 18: AI Animation

	Theme: Introduction to AI & Smart Systems Topics: What is AI?, Natural vs Artificial, How AI Learns, AI in Daily Life, AutoDraw	Lab 19: AI in Oceans Lab 20: Face Identification Using AI Coding: Course B – Final Project & Assessment Assessment: Mini AI Project + Coding Evaluation
January (Capstone)	Capstone Integration Month Focus: Robotics + Circuits + Coding	Capstone 1: Making a Table Fan Capstone 2: Making a Simple Traffic Light Outcome: Application of Complete Year Learning
February (Exhibition)	Innovation & Exhibition Phase	Class Market Day Design Thinking Sheets (Ask-Imagine-Plan-Create) Robotics & Coding Showcase Annual Assessment
ANNUAL EXAMINATION [All Chapters]		

CLASS-1