



SINCE 1962

LITTLE FLOWER HOUSE

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



SYLLABUS

SESSION 2026-27

CLASS-8



MATHEMATICS

MONTHS	DAYS REQ.	Name of the Chapter	Activities
PART -1			
April 24 Days + May 13 Days	18	1.A Square and A Cube (Including long division method of finding square root)	Visualizing square numbers with unit square cutouts or grid paper.
	18	4.Quadrilaterals	To verify angle sum property of a quadrilateral by paper cutting and pasting method.
PERIODIC TEST - 1 [CHAPTER 1, 4]			
June 7 Days + July 27 Days	15	2.Power Play	The "Paper Folding" challenge for exponents.
	15	5.Number Play	NCERT activity
		Note: Chapter-3 A Story of Numbers will be given as assignment in Summer Vacation	NCERT activity
PERIODIC TEST - 2 [CHAPTER 2,5]			
August 22 Days + September 12 Days	12	6.We Distribute, Yet Things Multiply	Modeling the Distributive Law using Area Models.
	15	7. Proportional Reasoning-1	The "Shadow-to-Height" ratio.
		Revision for HYE	
HALF YEARLY EXAMINATION [CHAPTER 1,2,3,4,5,6,7]			
Part-2			
October 20 Days + November 19 Days	15	3. Proportional Reasoning-2	NCERT activity
	14	2. The Baudhayana-Pythagoras Theorem	Square-Root verification on dot paper
	10	4. Exploring Some Geometric Themes	NCERT activity
PERIODIC TEST - 3 [CHAPTER 2,3,4]			
December 25 Days	13	1.Fractions in Disguise	Equivalent fraction through Paper Strips.
	12	6.Algebra Play	NCERT activity
January 18 Days	10	7.Area	Derivating a special formula for the area of a parallelogram by converting it into a rectangle of equal area.
	08	5. Tales by Dots and Lines	NCERT activity
February 09 Days		Revision for AE	
ANNUAL EXAMINATION (CH-1-7 of part -2 and CH-1,2,4 of part -1)			

ENGLISH

Book- POORVI & Mavan

MONTH	No of days	NAME OF THE CHAPTERS	GRAMMAR	WRITING	ACTIVITY	No. of Tests
April 24 Days	18 (content) 2 worksheet) 2 (smart class) 1 (class test)	Lesson -1 The Wit that Won Hearts(Story) Lesson -2 - A Concrete Example (Poem)	Clauses (Difference between Main & Subordinate) Adjectives	Notice writing Essay Writing	1. Smart Thinking Role Play Students will be given a real-life problem situation such as a conflict between friends, a misunderstanding, or a classroom issue. They will act out the situation and demonstrate how intelligence, wit, and presence of mind can solve the problem instead of aggression or force.	1
MAY 13 Days	10(content) 1 (smart class) 1 (work sheet) 1. C.T.	Lesson - 3 Wisdom Paves The Way	Modals Formation of Nouns		2. Students will draw a decision tree showing two paths: wise decisions and unwise decisions. For each choice, they will write possible outcomes and consequences , linking actions with results.	1

PERIODIC TEST -1
(POORVI L 1,2(poem), 3. - WRITING SKILLS. GRAMMAR)

JUNE 7 Days	6 (content) 1 (smart class)			Letter of Complaint		
JULY 27 Days	23 (Content) 2 (smart class) 1 (worksheet) 1 (class test)	Lesson 4 A Tale of Valour: Major Somnath Sharma and The Battle of Badgam Lesson -5 Somebody's Mother (Poem) Lesson -6 Verghese Kurien- I too had a dream	Subject Verb Agreement Prepositional Phrase	Letter of enquiry Diary Entry Informal Letter	Collect the pictures of two Indian soldiers awarded with Paramveer Chakra and write 5 sentences of each .	1

PERIODIC TEST -2
(POORVI L 4,5(poem) ,6. -WRITING SKILLS. GRAMMAR)

AUGU ST 21 Days	18(content) 1 (smart class) 1 (worksheet) 1 (class test)	Lesson -7 The Case of The Fifth Word	Direct and Indirect Speech	Report Writing	3. Students will be given clues, riddles, or a short mystery by the teacher. They will analyse the clues carefully and solve the mystery using reasoning and logical thinking.	
		Lesson 8 The Magic Brush of Dreams (Poem)		Imaginative Essay		1
SEPTE MBER 12 Days	8 (content) 1 (smart class)					
	4	Revision for HYE				

HALF-YEARLY EXAMINATION
(POORVI: L 1,2(poem) 4,6,7,8 (poem)WRITING SKILLS. GRAMMAR)

OCTO BER 20 Days	16 (content) 1 (smart class) 2 (worksheet) 1 (class test)	Lesson -9 Spectacular Wonders Lesson - 10 The Cherry Tree	Binomials Non-finite Verbs	Article Writing	4. Students will select any natural or man-made wonder of the world and prepare a short write-up including important facts, features, and significance.	1
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					They may present it in class.	
NOVEMBER 19 Days	14(content) 2 (smart class) 2(work sheets) 1 (class test)	Lesson -11 Harvest Hymn (Poem) Lesson -12 Waiting for The Rain	Homophones Determiners	Slogan Writing Formal letter (Municipal Councillor)	Make a chart of whether Forecast for a week and write in five sentences how does it affects the agricultural production.	1

PERIODIC TEST -3
(POORVI: L 9,10 ,11(poem) , 12- WRITING SKILLS. GRAMMAR)

DECEMBER 25 Days	20 (content) 2 (smart class) 2 (work sheet) 1 (class test)	Lesson -13 Feathered Friend Lesson -14 Magnifying Glass (Poem)	Modals (Quick Revision) Tenses (Revision) Suffixes	Article Writing Dialogue Writing	Collect the information about one Indian obsevatory and share it in class. (Speaking Skill)	1
JANUARY 18 Days	15 (content) 1(smart class) 1-(work sheet) 1 (class test)	Lesson -15 Bibha Chowdhari: The Beam of Light that lit the path for women in Indian Science	Report Writing (In form of passive construction)	Report Writing	5. Students will research and write a short paragraph on any Indian woman scientist and display it on a class wall.	1
FEBRUARY 9 Days		REVISION of Annual Examination				

ANNUAL EXAMINATION
(POORVI: 10,11(poem),13,14 (poem) ,15. - WRITING SKILLS. GRAMMAR)

[SCIENCE]

MONTHS	SUBJECT	DAYS REQ.	CONTENTS	ACTIVITIES
April 24 Days +	Biology	04	1.Exploring the Investigative World of Science	
May 13 Days	Physics	15	4. Electricity: Magnetic and Heating Effects	NCERT Activity 4.1, 4.2, 4.3, 4.4, 4.5, 4.6,
PERIODIC TEST - 1 [CHAPTER 1, 4]				
June 7 Days +	Biology	18	2.The Invisible Living World: Beyond Our Naked Eye	NCERT Activity 2.1, 2.2, 2.3, 2.4, 2.5, 2.7, 2.8, 2.9
July 27 Days	Chemistry	18	7.Particulate Nature of Matter	NCERT Activity 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9,
PERIODIC TEST - 2 [CHAPTER 2,7]				
August	Physics	12	5.Exploring Forces	NCERT Activity 5.1, 5.2, 5.3,

22 Days + September 12 Days				5.4, 5.5, 5.6, 5.7, 5.8, 5.9, 5.10, 5.11, 5.12, 5.13
	Chemistry	10	8. Nature of Matter: Elements, Compounds and Mixtures	NCERT Activity 8.1, 8.2, 8.3, 8.4, 8.5,
	Biology	8	3. Health: The Ultimate Treasure	NCERT Activity 3.1, 3.2, 3.3, 3.4, 3.5 (To be discussed in the Class)
HALF YEARLY EXAMINATION [CHAPTER 1,2,3,4,5,7,8]				
October 20 Days + November 19 Days	Chemistry	15	9. The Amazing World of Solutes, Solvents, and Solutions	NCERT Activity 9.1, 9.2, 9.3, 9.4, 9.5, 9.6, 9.7,
	Physics	15	6. Pressure, Winds, Storms and Cyclones	NCERT Activity 6.1, 6.2, 6.3, 6.4, 6.5, 6.6
PERIODIC TEST -3 [CHAPTER 6, 9]				
December 25 Days	Physics	15	10. Light: Mirrors and Lenses	NCERT Activity 10.1, 10.2, 10.3, 10.4, 10.5, 10.6, 10.7, 10.8, 10.9, 10.10, 10.11
	Biology	10	12. How Nature Works in Harmony	NCERT Activity 12.1, 12.2, 12.3, 12.4, 12.5, 12.6, 12.7, 12.8, 12.10 (field trip)
January 18 Days	Physics	08	11. Keeping Time with the Skies	NCERT Activity 11.1, 11.2, 11.4 (to be given as assignment), 11.3
	Biology	10	13. Our Home: Earth, a Unique Life Sustaining Planet	NCERT Activity 13.1, 13.2 (to be given as assignment), 13.3
February 09 Days		Revision for AE		
ANNUAL EXAMINATION [CHAPTER 2,8,6,9,10,11,12,13,]				

SOCIAL SCIENCE

CLASS - 8 [HINDI]

पुस्तक- NCERT मल्हार | व्याकरण भारती

महीना एवं कार्य दिवसों की संख्या	पाठ्यपु स्तक	पाठ संख्या एवं पाठ का नाम	आवृत्ति अवधि	गतिविधियाँ / परियोजनाएँ
अप्रैल 23 दिन	मल्हार	पाठ1-स्वदेश (कविता) कवि -गया प्रसाद शुक्ल 'सनेही' इकाई परीक्षण	6	1. देश प्रेम की भावना देश की सुरक्षा से ही नहीं, बल्कि संरक्षण से भी जुड़ी होती है। अनुमान करके एक चार्ट तैयार कीजिए कि देश के किन-किन संसाधनों या वस्तुओं आदि को संरक्षण की आवश्यकता है और क्यों? 2-मान लीजिए कि घोंसले में अंडों से बच्चे ना निकले होते। ऐसे में कहानी कैसे आगे बढ़ती? यह बदली हुई कहानी लिखिए। 3- भारत के मानचित्र में उन प्रांतों को अलग-अलग रंगों से दर्शाइए जिसमें हिंदी बोली जाती है उनके नाम भी लिखिए 4- क से ह तक के वर्णों को उनके उच्चारण स्थान के साथ चार्ट पेपर पर लिखकर एक प्रोजेक्ट तैयार कीजिए संधि कीजिए और चित्र बनाइए
	मल्हार	पाठ 2 -दो गौरैया (कहानी) लेखक - भीष्म साहनी इकाई परीक्षण	6	
	व्याकरण भारती	पाठ-33 डायरी लेखन	3	
		पाठ 1 भाषा, बोली, लिपि और व्याकरण इकाई परीक्षण	2	
		पाठ-2 वर्ण विचार इकाई परीक्षण	2	
		पाठ 3 संधि	4	

		इकाई परीक्षण		
मई 13 दिन	मल्हार	पाठ 3-एक आशीर्वाद (कविता) कवि - दुष्यंत कुमार इकाई परीक्षण	7	5-प्रतिदिन की आवश्यकताओं को पूरा करने में बहुत से लोग सहयोग देते हैं, जैसे-शार्क विक्रेता, स्वच्छता कमी, रिक्शा चालक, सुरक्षाकर्मी आदि। इनमें से किसी एक से साक्षात्कार करें और उनके सपनों के विषय में जाने। साक्षात्कार के समय कौन-कौन से प्रश्न हो सकते हैं? उनकी एक सूची भी बनाए। 6- समाचार पत्र, पुस्तक आदि से पाठ में पढ़ाए गए विभिन्न प्रकार के शब्दों का संकलन कीजिए और चार्ट पर लिखकर कक्षा में लगाइए।
	व्याकरण भारती	पाठ-34 अपठित गद्यांश	2	
		पाठ 4 शब्द विचार इकाई परीक्षण	2	
		पाठ5-पर्यायवाची इकाई परीक्षण	2	

PERIODIC TEST - 1 [मल्हार: पाठ -1, 2; व्याकरण:पाठ -1,2,3,33,34]

जून 7 दिन	व्याकरण भारती	पाठ-37 पत्र लेखन पाठ 6 विलोम इकाई परीक्षण	5 2	7- 'प्रकृति संरक्षण' विषय पर एक अनुच्छेद लिखें जिसमें कुछ पर्याय व कुछ विलोम शब्दों का प्रयोग करें।
जुलाई 27 दिन	मल्हार	पाठ 4-हरिद्वार (पत्र) लेखक-भारतेंदु हरिश्चंद्र इकाई परीक्षण	9	8-भारतेंदु हरिश्चंद्र का एक प्रसिद्ध नाटक है-अंधेर नगरी। इसी पुस्तकालय या इंटरनेट से ढूंढ कर पढ़िए और अपने सहपाठियों के साथ चर्चा कीजिए।
	व्याकरण भारती	पाठ 7 अनेकार्थी	2	9-कक्षा को समूह में बांटकर क्रमशः पर्यायवाची अनेकार्थी विलोम शब्दों के समूह बनाये सभी मिलकर अपने समूह से संबंधित शब्दों को नोटबुक में लिखेंगे और कक्षा में उन शब्दों के विषय में चर्चा करेंगे।
		पाठ 8 श्रुतिसमभिन्नार्थक	2	
		पाठ 9 अनेक शब्दों के लिए एक शब्द	2	
		पाठ 10-एकार्थक प्रतीत होने वाले शब्द	2	
		पाठ-11 उपसर्ग	3	
		पाठ-12 प्रत्यय	3	
		पाठ-14 संज्ञा	4	

PERIODIC TEST - 2 [मल्हार : पाठ - 3,4; व्याकरण: पाठ - 4,5,6,7,8,9,10,11,12,34,37]

अगस्त 21 दिन	मल्हार	पाठ - 5 कबीर के दोहे कवि-कबीर दास इकाई परीक्षण	9	10-कबीर दास के दोहे आज के समय में क्या महत्व रखते हैं। इस विषय पर वाद विवाद आयोजित करें। कक्षा को तीन वर्गों में बांटे पक्ष, विपक्ष व निर्णायक मंडल।
	व्याकरण भारती	पाठ-36 अनुच्छेद लेखन इकाई परीक्षण	3	11-'व्यक्तित्व विकास' विषय पर एक अनुच्छेद लिखें व उसमें प्रयुक्त उपसर्ग ,प्रत्यय ,समास, संज्ञा व लिंग शब्दों को वर्गीकृत करें।
		पाठ 13-समास इकाई परीक्षण	6	
		पाठ 15-लिंग इकाई परीक्षण	3	
सितंबर 13 दिन	व्याकरण भारती	पाठ 16 वचन पाठ 34-अपठित गद्यांश पाठ 35-अपठित काव्यांश पाठ 37-पत्र-लेखन पाठ 38- निबंध-लेखन	1 2 2 3 5	12-अपठित गद्यांश या काव्यांश में पूछे गए प्रश्नों के उत्तर दीजिए। 13-अपनी सहेली को वाद-विवाद प्रतियोगिता में प्रथम आने पर बधाई पत्र
		पुनरावृत्ति		

HALF - YEARLY EXAMINATION

(मल्हार: पाठ - 1, 2, 3, 4, 5,; व्याकरण: पाठ - 1, 2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,33,34,35,37,38]

अक्टूबर 18 दिन	मल्हार	पाठ 6-एक टोकरी भर मिट्टी (कहानी) लेखक-माधव राव सप्रे इकाई परीक्षण	6	13-अपने घर के बड़े बोन से उनके बचपन के घरों के बारे में जानकारी एकत्रित करें। आप आज जिस घर में रह रहे हैं, उसमें वह कब से रह रहे हैं? इसमें आने के
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	मल्हार	पाठ 7-मत बांधो (कविता) कवयित्री -महादेवी वर्मा इकाई परीक्षण	7	पीछे क्या कहानी है, इसके बारे में बातचीत कीजिए। तथा एक लेख तैयार करें। 14-“व्यक्ति को बंद सकते हैं उसकी कल्पना और विचारों को नहीं।”प्रस्तुत विषय पर कक्षा को दो वर्गों में बताकर वाद विवाद प्रतियोगिता कराएं।
	व्याकरण भारती	पाठ-38 निबंध लेखन	3	
		पाठ 17-कारक इकाई परीक्षण	2	
नवंबर 19 दिन	मल्हार	पाठ 8-नए मेहमान (एकांकी) लेखक-उदय शंकर भट्ट इकाई परीक्षण	8	15-अपने पाठक होने एवं लिखने-पढ़ने,सुनने -समझने आदि के उद्देश्य को ध्यान में रखते हुए अपनी बात को प्रभावित तरीके से लिखें।
	व्याकरण भारती	पाठ-18 सर्वनाम	2	16-रविवार के समाचार पत्र या किसी पत्रिका से अपनी पसंद की कहानी पढ़िए इसमें आए 10 वाक्य को तीनों वाच्यों में लिखें।
		पाठ 19-विशेषण	2	
		पाठ 20-क्रिया	2	
		पाठ 21-काल	2	
		पाठ -22-वाच्य	3	

PERIODIC TEST - 3 [मल्हार: पाठ -6,7,8 व्याकरण: पाठ - 17,18,19,20,38]

दिसंबर 25 दिन	मल्हार	पाठ 9-आदमी का अनुपात (कविता) कवि-गिरिजा कुमार माथुर इकाई परीक्षण	9	17-अपने जीवन में ऐसी तीन 'दीवारों'के विषय में सोचिए जो आपने खड़ी की है (जैसे-डर डर, संकोच आदि)। फिर एक योजना बनाइए कि आप उन्हें कैसे तोड़ेंगे? क्या समझ में भी ऐसी दीवारें होती हैं? उन्हें गिराने में हम कैसे सहायता कर सकते हैं?
	व्याकरण भारती	पाठ-35 अपठित पद्यांश	3	18-विद्यार्थी अव्यय शब्दों से संबंधित अलग-अलग पर्ची बनाएं। पर्चियों को बंद करके एक खाली डिब्बे में डालें। विद्यार्थी बारी-बारी से एक-एक पर्ची उठाएं उसे पर लिखा अव्यय शब्दों को पढ़ें तथा पहचान कर उसका भेद बताएं।
		पाठ 23-अविकारी-क्रिया विशेषण	3	
		पाठ 24-संबंध बोधक	2	
		पाठ 25-समुच्चयबोधक	2	
		पाठ 26-विस्मयादिबोधक	2	
		पाठ 27-पद परिचय तथा पद बंध	4	
जनवरी 26 दिन	मल्हार	पाठ 10-तरुण के स्वप्न (उद्बोधन) लेखक-सुभाष चंद्र बोस इकाई परीक्षण	9	19--उपयुक्त पात्र में नेताजी सुभाष चंद्र बोस ने गृह एवं कुटीर उद्योग की बात की है। यह पत्र देश की स्वतंत्रता से पहले लिखा गया था। अपने आसपास के गृह एवं कुटीर उद्योगों के विषय में कक्षा में बच्चों के बीच चर्चा परिचर्चा
	व्याकरण भारती	पाठ 28-वाक्य विचार	3	
		पाठ-29-वाक्य रचना की सामान्य अशुद्धियां	3	
		पाठ 30-विराम चिह्न	2	
		पाठ 31-मुहावरे तथा लोकोक्तियां इकाई परीक्षण	4	
		पाठ-32 अलंकार	5	
फरवरी 15 दिन	व्याकरण भारती	पाठ 34, 35 अपठित बोध	3	20-कक्षा में बच्चों से अपठित बोध का अभ्यास कराएं।
		पाठ 36-अनुच्छेद लेखन	3	
		पाठ 37-पत्रलेखन	4	
		पाठ 38 निबंध लेखन	5	
		(पुनरावृत्ति कार्य)		

ANNUAL EXAMINATION

(मल्हार: पाठ-6,7,8,9,10 व्याकरण: पाठ -17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,34,35,36,37,38)

CLASS-8 [SANSKRIT]

माह	पाठों का संख्या	कालांश	पाठों का विवरण
अप्रैल-7	प्रथम: पाठ: द्वितीय: पाठ:	4 3	संगच्छध्वं संवदध्वम् अल्पानामपि वस्तुनां संहति कार्य साधिका
मई -3	तृतीय: पाठ:	3	सुभाषितरसं पीत्वा जीवनं सफलम् कुरु

PERIODIC TEST -1 [CHAPTER 1,2]

जून-2		2	पुनरावृत्ति
जुलाई-8	चतुर्थः पाठः पञ्चमः पाठः	4 4	प्रणम्यो देशभक्तोऽयं गोपबन्धुर्महामनाः गीता सुगीता कर्तव्या
PERIODIC TEST -2 [CHAPTER 3,4]			
अगस्त-6	षष्ठमः पाठः सप्तमः पाठः	3 3	डिजीभारतम् युगपरिवर्तनम् मञ्जुलमञ्जुषा सुन्दरसुरभाषा
सितम्बर-3		3	पुनरावृत्ति
HALF YEARLY EXAMINATION [CHAPTER 1 - 7]			
अक्टूबर-5	अष्टमः पाठः नवमः पाठः	3 2	पश्यत कौणमेशान्यम भारतस्य मनोहरम् कोऽरुक? कोऽरुक? कोऽरुक?
नवम्बर-4	दशमः पाठः	4	सन्निमित्रं वरत्यागः (कः भागः)
PERIODIC TEST - 3 [CHAPTER 8,9]			
दिसम्बर-6	एकादशः पाठः द्वादशः पाठः	3 3	सन्निमित्रं वरत्यागः (खः भागः) सम्यग्वर्णप्रयोगेण ब्रह्म लोके महीयते
जनवरी-4	त्रयोदशः पाठः	4	वर्णोच्चारण- शिक्षा
फरवरी-2		2	पुनरावृत्ति
ANNUAL EXAMINATION [CHAPTER 8 - 13]			

COMPUTER

S. NO.	MONTH & NO. OF WORKING DAYS	NAME OF THE CHAPTER	PERIOD ALLOTTED/ DAYS REQUIRED.	Theory/ Practical	Activities	Test /Periodic Assessment
1	April	Computer Networking	6	4	1	1
2		Krita Image Editing	6	4	1	1
3	May	Trending Technology	5	3	1	1
PERIODIC TEST -1 Chapters 1st and 2nd.						
4	June	Images, Links & Frames in HTML 5	3	2	1	
5	July	Forms in HTML 5	6	4	1	1
PERIODIC TEST -2-Chapters 3rd and 4th						
6	August	Algorithmic Intelligence	10	8	1	1
	Sept.	Revision Work				
HALF YEARLY EXAMINATION						
7	Oct.	Loops in Python	8	6	1	1
8	Nov.	Functions and String in Python	8	5	2	1
9	Dec.	List in Python	6	3	2	1
			2	2		
PERIODIC TEST -3- Chapters 7th, 8th and 9th						
10	Jan.	Domains of AI	6	4	1	1
11	Feb.	Features of AI	6	6		
Revision Work						
Annual Examination						

APTITUDE AND REASONING

NAME OF THE BOOKS: Mind Booster

PUBLISHER: - Rohan's Book Company Pvt. Ltd.

MONTHS & NO.OF WORKING DAYS	CHAPTER NO.	NAME OF THE CHAPTERS	PERIODS ALLOTTED
APRIL (24 Days) + MAY (13 Days)	1	Figure Formation and Figural Matrix	2
	5	Classification	1
	6	Ranking Test	2
	12	Series Completion	2
	23	Computer World	1
PERIODIC TEST -1 (CHAPTER 1,5,6,12,23)			
JUNE (7 Days) + JULY (27 Days)	2	Dot Situation	1
	3	Paper Folding and Cutting	2
	7	Seating Arrangement	2
PERIODIC TEST -2 (CHAPTER 2,3,7)			
AUGUST (22 Days) + SEPTEMBER (12 Days)	4	Cube and Dice	2
	8	Direction Test	1
	9	Blood Relations	2
	13	Analogy	1
	14	Coding-Decoding	2
HALF YEARLY EXAMINATION (Course included from April to September)			
OCTOBER (20 Days) & NOVEMBER (19 Days)	10	Clock and Calendar	1
	15	Mathematical Operations	1
	16	Mirror and Water Image	1
	22	Language and Grammar	2
	17	Venn Diagram	1
PERIODIC TEST -3 (CHAPTER 10,15,16,22,17)			
DECEMBER (25 Days)	11	Analytical Reasoning	1
	19	Statement and Assumption	1
	20	Statement and Conclusions	1
JANUARY (18 Days) + February (9 Days)	21	Alphabet Test and Logical Sequence of Words	2
	18	Syllogism	1
	24	General Knowledge	1
ANNUAL EXAMINATION (Course included from October to February)			

GENERAL KNOWLEDGE

New Brainiac2.0 Kiddle World Publication

MONTH	CHAPTER	Activities
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April 24 Days	Chapter 1 Unusual Natural Phenomena Chapter 2 The Sisodia Dynasty Chapter 3 Warrior Heritage Chapter 4 India's Contribution in Medicine Chapter 5 Beauty of Landscapes Chapter 6 Sky Lights Chapter 7 Microscopic World	Activity 1. Act out the name of a famous historical figure without speaking. The team must guess who it is. (Examples: Mahatma Gandhi, Cleopatra, Albert Einstein)
May 13 Days	Chapter 8 Rivers of India Chapter 9 Natural Sources of Energy Chapter 10 Extinct Animals Chapter 11 Insectivorous Plants Chapter 12 The Mighty Himalayas	2. Country Hunt Place a world map on the wall. Call out a capital city, and have someone come up and point to the correct country. (Example: Capital - Tokyo → Country - Japan)
PERIODIC TEST -1 [Chapter: 1 to 7]		
June 7 Days + July 27 Days	Chapter 13 Oceans of the World Chapter 14 Places on Currency Faces Chapter 15 Global Moments Chapter 16 Mysterious Lakes Chapter 17 Trading Titans Chapter 18 Indigenous Sports of India Chapter 19 Cricket Terminologies Chapter 20 Famous Sporting Icon	3. Object Grab Place objects related to famous inventions (or pictures). When you name the invention, the first to grab the matching object wins. (Example: Lightbulb - Thomas Edison)
PERIODIC TEST -2 [Chapter: 8 to 14]		
August 21 Days	Chapter 21 Fitness Fundamental Chapter 22 IPL 2025 Chapter 23 Major Sporting Events Chapter 24 Film and Television Awards Chapter 25 Famous Indian Directors	4. Riddle Race Give a riddle that leads to a famous landmark. First team to solve it and explain gets a point. (Example: "I'm tall and in Paris, you'll find me made of steel." → Eiffel Tower)
September 12 Days	Chapter 26 Cinema's Finest Chapter 27 Unforgettable Gems of Music Chapter 28 Global Music Honors Chapter 29 Global Greetings Chapter 30 Lasting Quotes Chapter 31 Famous Literary Works Chapter 32 Eponyms	5. Timeline Toss Write historical events on cards. Teams must arrange them in the correct chronological order. (Example: Moon Landing, World War II, Discovery of America)
HALF YEARLY EXAMINATION [Chapter: 1 to 32]		
October 20 Days	Chapter 33 Autobiographies Chapter 34 Women in Indian politics Chapter 35 Public Facilities Chapter 36 The Indian Constitution Chapter 37 The Council of Ministers	6. Fact or Fiction? Read a strange-sounding "fact" aloud. Players jump left if it's true, right if it's false. (Example: "Octopuses have three hearts." → TRUE)
November 19 Days	Chapter 38 The Parliament Chapter 39 The Indian Judiciary System Chapter 40 Chief Ministers of India Chapter 41 Abbreviations	7. Speed Spell Spell a famous place or leader's name letter-by-letter, each team member taking turns. (Example: W-A-S-H-I-N-G-T-O-N)
PERIODIC TEST -3 [Chapter: 33 to 41]		
December 25 Days	Chapter 42 Mind Bender Chapter 43 Analogy and Classification Chapter 44 Puzzles Test Chapter 45 Planet Riddle Chapter 46 Crossword Puzzle Chapter 47 Sansad Bhawan Attack	8. Who Am I? Sticky Note Game Each player has a famous person stuck to their forehead and must ask yes/no questions to guess who they are.
January	Chapter 48 Cyber Secure	9. Flag Match-Up

18 Days	Chapter 49 Isolines Chapter 50 Mindbending Labs on Earth	Give flag cards and country cards separately. Teams race to correctly pair them. (Example: Match Japan's flag with the name)
February 09 Days	Chapter 51 IRobots in Spotlight	10. Current Events Dash Read a clue about a recent global event. Players must run to grab the correct newspaper or headline from a table.
ANNUAL EXAMINATION [Chapter: 33 to 51]		

[LIFE SKILLS]

A BETTER YOU G. RAM BOOKS

MONTH	CHAPTER	ACTIVITY
April	Chapter 1- Adolescent Mental Health	Discuss on - How do you think it's important to handle feelings of attraction toward someone.
May	Chapter 2 - Creative thinking	Give students a random list of objects (e.g., paperclips, balloons, string) and challenge them to come up with an invention using those items. They can then present their ideas to the class.
PERIODIC TEST-1 [CHAPTER 1 AND 2]		
June	Chapter 3 - The art of letting go	Students write down something they need to let go of (like a bad habit, a negative thought, or a past mistake) on a piece of paper.
July	Chapter 4- Handling Ego and Jealousy	Conversation about - "How can we stay strong and make the right choice when faced with pressure from friends or others?"
	Chapter 5- Developing Tolerance	Discuss developing tolerance: "Why is it important to respect and understand people who are different from us, whether in terms of culture, beliefs, or background.
PERIODIC TEST -2 [CHAPTER 3-4]		
August	Chapter 6- Generation Gap	A discussion about the generation gap: "What are some things that are very different between the way your parents or grandparents grew up and how you are growing up?"
September	Chapter 7 Handling Stress with Resilience	Ask students to create a "Resilience Toolbox" – a list or drawing of strategies, activities, or people that help them cope with stress (e.g., talking to a friend, practicing deep breathing, taking a walk).
HALF YEARLY EXAMINATION [CHAPTER 1 TO 7]		
October	Chapter 8- Handling Attractions	What are some healthy ways to cope when you're feeling really sad or overwhelmed?
November	Chapter 9- Dealing with High Risk- Taking Behaviour	5. A discussion on dealing with high-risk talking behavior (e.g., talking about risky situations or engaging in harmful conversations): "Why do you think some people talk about or even joke about doing risky things, even when they know the consequences could be dangerous?"
PERIODIC TEST -3 [CHAPTER 8,9]		
December	Chapter 10- Say no to substance Abuse	Write five disadvantage of substances abuse.
January	Group discussion- How can it be handled in a positive way.	
February	Revision	
ANNUAL EXAMINATION [CHAPTER 8-12]		

DRAWING

Art magic

MONTH	CHAPTER	ACTIVITIES
April-24 May-13	Component-1 and 2. Page no-3 to 14	Natural Painting
PERIODIC TEST - 1		
JUNE-7 JULY-27	Component - 3 and 4, page no - 15 to 24	BOOK MARK.
PERIODIC TEST-2		
AUGUST -22	Component -5, page no- 25 to 28.	Frog 🐸 pen stand
SEPTEMBER -12	Component -6. Page no -29 to 33	Paper collage
HALF YEARLY EXAMINATION		
OCTOBER -20	Component -7. Page no -34 to 41	Miniature painting in small cards
NOVEMBER -19	Component -8. Page no- 42 to 43	Bottle Painting
PERIODIC TEST -3		
DECEMBER -25	Component -9. Page no - 44 to 51.	Flower bouquet
JANUARY -18	Component -10. Page no - 52 to 53.	New year cards.
FEBRUARY -9	Practice work from Miscellaneous. Component-11 and 12. Page no-54 to 65	----
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: Engineering Foundations & Robotics Systems Theme: Systems Thinking in Robotics Topics: What is a System, Robot as a System (IPO-F Cycle), Importance of Feedback, Types of Robots, System Mapping of a Robot, Emerging Technologies (AR & VR) Coding Integration: Arduino robotics programming Skill Focus: Robotics system design	Lab 1: Input-Output Robot using IR Sensor & LED Lab 2: Obstacle Detection Robot (Stop on Obstacle) Lab 3: Obstacle Avoiding Robot (Move, Reverse & Turn) Lab 4: Line Follower Robot Additional Reinforcement: Understanding robotic systems and feedback Assessment: Obstacle avoiding robot demonstration
May (2026)	Ch-2: NodeMCU ESP8266 & Embedded Systems Theme: IoT Enabled Embedded Systems Topics: What is NodeMCU ESP8266, Why Do We Need ESP8266, Embedded Systems, NodeMCU Pinout, Major Parts of NodeMCU, GPIO Pins, Digital Signals, NodeMCU & Internet of Things Coding Integration: Embedded IoT programming Skill Focus: IoT systems development	Lab 5: LED Control using NodeMCU Lab 6: Wi-Fi Controlled LED Lab 7: Smart Door Opening System (IoT) Lab 8: Mobile Controlled Robot Additional Reinforcement: Discussion on IoT and smart devices Assessment: Wi-Fi controlled robot demonstration
PERIODIC TEST-1 [Chapters 1 & 2]		
July (2026)	Ch-3: Intelligent Sensors & Decision Systems Theme: Smart Environmental Monitoring Topics: Intelligent Sensors, Rain Sensor, Flame Sensor, Gas Sensor (MQ Series), Sensor-based decision systems Coding Integration: Sensor data processing Skill Focus: Automation systems	Lab 9: Smart Cloth Protector using Rain Sensor Lab 10: Fire Fighting Robot Lab 11: Smoke Detection System Additional Reinforcement: Real-world safety and environmental monitoring Assessment: Fire detection or rain sensor system testing
August (2026)	Ch-5: Think Like an Entrepreneur Theme: Innovation & Product Development Topics: Observing Real-Life Problems, Ideation & Solution Planning, CAD Design, Manufacturing Methods, Prototype Improvement Coding Integration: CAD tools and design software Skill Focus: Product design and entrepreneurial thinking	Lab 17: Designing a Desk Organizer Lab 18: Designing a Protective Electronic Case Lab 19: 3D Printing the Model Additional Reinforcement: Entrepreneurship discussion and innovation thinking Assessment: Prototype design presentation
PERIODIC TEST-2 [Chapters 3 & 5]		
September (2026)	Ch-4: Artificial Intelligence Theme: Computer Vision & AI Systems Topics: Introduction to Artificial Intelligence, What AI Can Do, Limitations of AI, Rule-Based vs Machine Learning Systems, Computer	Lab 12: AI Security Guard (Object Detection) Lab 13: AI Fitness Tracker (Motion Detection) Lab 14: Age, Gender & Emotion Detection Lab 15: Gesture Controlled Space Battle Game Lab 16: Gesture Controlled Beetle Maze Game Additional Reinforcement: AI ethics and real-

Month	Chapter & Topics	Lab Activities & Coding
	Vision, Voice-Based AI, Text-Based AI Coding Integration: AI tools using PictoBlox Skill Focus: AI system development	world applications Assessment: AI project demonstration
HALF YEARLY EXAMINATION [Chapters covered April - September]		
October (2026)	Ch-6: Python Programming Theme: Advanced Programming Concepts Topics: Loops in Python, Lists in Python, Accessing & Modifying Lists, Functions in Python, Loops with Conditions Coding Integration: Python coding Skill Focus: Algorithmic thinking	Lab 20: Attendance Counter System Lab 21: Number Guessing Game Lab 22: Student Marks Analyzer Additional Reinforcement: Python problem-solving exercises Assessment: Python mini-project evaluation
November (2026)	Python Continued Ch-7: Space Science & Rocket Systems Theme: Rocket Engineering Topics: Parts of a Rocket, Action–Reaction Principle, Rocket Stages & Orbits Skill Focus: Aerospace concepts	Lab 23: Multiplication Table Generator Lab 24: To-Do List Manager Lab 25: AI Chatbot using Python Lab 26: Bottle Rocket Launch Additional Reinforcement: Space exploration discussion Assessment: Rocket launch demonstration
PERIODIC TEST-3 [Chapters 4, 6 & 7]		
December (2026)	Ch-8: Hands-On STEM Engineering Projects Theme: Engineering Prototyping Skill Focus: Mechanical engineering fundamentals	Lab 27: Build a Simple Electric Motor Lab 28: Hydraulic Crane Lab 29: Robotic Arm Assessment: Working engineering model
January (2027)	Revision & Project Work Theme: Integration of Robotics, AI and Python Focus: Consolidation of all concepts from the academic year through integrated projects	Robotics, AI and Python integration projects Revision of all chapters Project planning and execution
February (2027) (Capstone)	Capstone Project: QUADRUPED ROBOT Theme: Integration of Full Year Learning Project Stages: • Observing Real-Life Problems • Ideation & Solution Planning • CAD Design • Manufacturing Methods • Prototype Improvement	Capstone Project: QUADRUPED ROBOT • Problem Observation & Ideation • CAD Design & Planning • Circuit Assembly • Coding & Programming • Manufacturing & Prototype Building • Final Testing & Presentation
ANNUAL EXAMINATION [All Chapters]		

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