



LITTLE FLOWER HOUSE

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



SYLLABUS

SESSION 2026-27

CLASS-7



CLASS-7 [MATHEMATICS]

NAME OF THE BOOK: Textbook of Mathematics for Class VII (Part-1 & Part-2)

PUBLISHER- NCERT

WRITER- R. S. AGGARWAL

STATIONARY FOR MATHEMATICS:

(1) SINGLE LINED REGISTER- 1

(2) PRACTICAL FILE -1

MONTHS & NO. OF WORKING DAYS	CHAPTE R NUMBE R	NAME OF THE CHAPTERS	PERIODS ALLOTTED	LAB ACTIVITIES
April 24 Days + May 13 Days	1	Large Numbers Around Us	16	NCERT activity
	6	Number Play	15	NCERT activity
PERIODIC TEST-1 [CHAPTER - 1,6], 8th May to 15th May 2026				
June 7 Days + July 27 Days	2	Arithmetic Expression	8	
	8	Working with Fractions	10	1. To multiply two fractions (say, $\frac{3}{4}$ and $\frac{5}{6}$)
	3	A Peek Beyond the Point	12	NCERT activity
		Revision	8	
PERIODIC TEST - 2 [CHAPTER - 2,8 & 3], 21st July to 28th July 2026				
August 21 Days + September 12 Days	4	Expressions Using Letter-Numbers	12	2. To add two algebraic expressions (polynomials) using different strips of cardboard.
	5	Parallel and Intersecting Lines	10	3. To verify that if two parallel lines are intersected by a transversal, then (i) The pairs of corresponding angles are equal. (ii) The pairs of alternate interior angles are equal. (iii) The pairs of interior angles on the same side of the transversal are supplementary
	7	A Tale of Three Intersecting Lines	10	4. To verify angle sum Property of a triangle and exterior angle property of a triangle
Revision for HYE			8	
HALF-YEARLY EXAMINATION [CHAPTER-1,2,3,4,5,6,7,8], 21st Sept. to 1st Oct.2026				
Textbook of Mathematics (Part-2)				
October 20 Days + November 19 Days	1	Geometric Twins	10	
	6	Constructions and Tilings	12	
	7	Finding the Unknown	10	
	3	Finding Common Ground	10	5. To find HCF of two numbers by cutting two different colour strips 6. To find LCM of two numbers by making three grids each of size 10 cm X10 cm
PERIODIC TEST - 3 [CHAPTER - 1,6,7 & 3], 7th Dec. To 14th Dec.2026				
December 25 Days	2	Operations with Integers	16	7. To multiply integers using unit squares of different colours

January 18 Days	4	Another Peek Beyond the Point	12	8. To multiply two decimals (say 0.3 and 0.4) using a grid
February 9 Days	5	Connecting the Dots...	10	
	Revision for AE		10	

ANNUAL EXAMINATION
CHAPTER -PART-2 [1,2,3,4,5,6 & 7], 15th Feb. To 26th Feb. 2027
PART-1 [Ch-2 Arithmetic Expression, Ch-3 A Peek Beyond the point from Part -1]

CLASS-VII [ENGLISH]

MONTH	WORKING DAY	CHAPTER'S NAME	Worksheet, Test and Activities
APRIL	24	The day the river spoke. (Prose) Try again (poem) Informal and formal letter. (Writing) Prepositions (Grammar) Tenses (Grammar)	Worksheet 02 Test-02 Activity- complete the web and tie the thread in a knot on the stick and decorate it with words and phrases you learnt about the spider in the poem.
PERIODIC TEST 1			
MAY	13	Three days to see. (Prose) Email and Message writing. (Writing) Punctuation and capital letters. (Grammar)	Worksheet- 02 Test-02 Activity- learn about Indian sign language link given on pg 38
JUNE JULY	07+27	Animals, birds and Dr. Dolittle (Prose) A Funny man (poem) Say the right thing. (Prose) Notice writing. (Writing) Story writing. (Writing) Modals (Grammar) Articles (Grammar)	Worksheet-03 Test-02 Activity- make a chart to find out names of different organisations that work for the welfare of animals. Story telling.
PERIODIC TEST 2			
AUGUST	21	My brother's great invention. (Prose) Paper boats (poem) North, South, East, west (Prose) Active and passive voice. (Grammar)	Worksheet- 03 Test-02 Activity-you must have heard about many famous inventions some of them are mentioned on page 107-108 . You may look for the names of more such Indian inventors and their inventions and make PPT of it.
SEPTEMBER	12	Revision	
HALF YEARLY EXAMINATION			
OCTOBER	20	The Tunnel(Prose) Travel (poem) Diary entry (writing) Agreement of subject and verb.(Grammar) Conjunctions (Grammar)	Worksheet- 02 Test-02 Activity- In group of four, find out more about the heritage trains and make a presentation in the class.
NOVEMBER	19	Conquering the summit (Prose) Descriptive paragraph(writing)	Worksheet-01 Test-01 Activity:- Make a booklet with the fact sheets of 5 Indian mountaineers,

			give brief information of them.
DECEMBER	25	A homage to our brave soldiers.(Prose) My dear soldiers (poem) Report writing (Writing) Direct and indirect speech.(Grammar)	Worksheet -02 Test:-02 Activity:- create a collage capturing the lives and stories of people that inspire us. In group of four, prepare a collage on chart paper of any such person and present it in the class.
PERIODIC TEST 3			
JANUARY	18	Rani Abbakka(Prose) Debate writing(Writing) Idioms and proverbs.(Grammar)	Worksheet:-01 Test:-01 Activity:- find facts of any brave woman who are remember because of her great achievement and present in class.
FEBRUARY	09	Revision	
ANNUAL EXAMINATION			

CLASS - 7 [SCIENCE]

MONTHS	SUBJECT	DAYS REQUIR ED	CONTENTS	Activities
April 24 Days May 13 Days	Biology	04	1. The Ever - Evolving World Of Science	NCERT Activity 3.1 to 3.11
	Physics	15	3. Electricity : Circuits and their Components	
PERIODIC TEST -1 [CHAPTER 1,3]				
June 7 Days July 27 Days	Biology	18	6. Adolescence : A stage Of Growth and Change	Activity 6.1 to 6.4 Activity 2.1 to 2.7
	Chemistry	10	2.Exploring Substances : Acidic, Basic and Neutral	
PERIODIC TEST -2 [CHAPTER 2,6]				
August 22 Days September 12 Days	Chemistry	15	4. The World of Metals and Non- Metals	Activity 4.1 to 4.8 Activity 9.1 to 9.3
	Biology	15	9. Life Process in Animals	
Revision for HYE				
HALF YEARLY EXAMINATION [CHAPTER 1,2,3,4,6,9]				
October 20 Days November 19Days	Chemistry	15	5. Changes Around Us: Physical and Chemical	Activity 5.1 to 5.8 Activity 7.1 to 7.5.
	Physics	15	7. Heat Transfer in Nature	
PERIODIC TEST - 3 [CHAPTER 5, 7]				
December 25 Days	Physics	15	11. Light: Shadows and Reflections	Activity 11.1 to 11.10
	Biology	10	10. Life Processes in Plants	Activity 10.1 to 10.8
January 17 Days	Physics	08	8. Measurement of time and motion	Activity 8.1 to 8.4
	Physics	10	12. Earth, Moon and the Sun	Activity 12.1 to 12.4
February 09 Days			Revision for AE	
ANNUAL EXAMINATION [CHAPTER - 4, 5,7,8,9,10,11,12]				

SOCIAL SCIENCE

MONTHS	SUBJECT	DAYS REQUIRED	CONTENTS	Activities
April 24 Days + May 13 Days	Geography History Geography	8	Chapter 1. Geographical diversity of India	Ch. 1 –On the physical map of India- 1. locate physical division of India 2. Important rivers Chapter 4- map of 16 Mahajanapadas Fig. 4.3 Chapter Chapter 2- Daily weather parameter- question 4
		8	Chapter 4. New beginnings, cities and states	
		8	Chapter 2.Understanding the weather	
	Geography	8	Chapter 3. Climate of India	Chapter 3. Draw diagram figure 3.6 (proximity to sea)
PERIODIC TEST - 1 [CHAPTER 1, 4]				
June 7 Days + July 27 Days	History	8	Chapter 5. The Age of Empire	Chapter 5. Map pointing. The Mauryan Empire fig. 5.13
		8	Chapter 6. The Age of Reorganisation	Chapter 6. Map pointing figure 6.2
		8	Chapter 7. The Gupta Era	Chapter 7. Main pointing- figure 7.8 and figure 7.19
PERIODIC TEST - 2 [CHAPTER 2,3,5]				
August 22 Days + September 12 Days	History	8	Chapter 8. How the land become sacred	Chapter 8. Questions and activities. 2. Sacred sites in your region
	Civics	8	Chapter 9. From the rulers to the ruled : Type of Government	Chapter 9. Table 9.2, questions and activities 5 and 6
	Civics	8	Chapter 10. The constitution of India	Chapter 10. Question and activities 7 Crossword puzzle
	Civics	8	Chapter 11. From Barter to money	Chapter 11. Draw diagram figure 11.13
	Economics	8	Chapter 12. Understanding Market	Chapter 12. Questions and activities 3
		10	Revision for HYE	
HALF YEARLY EXAMINATION [CHAPTER 1 to 12]				
October 20 Days + November 19 Days	Geography	10	Chapter 1. The story of Indian farming	Chapter 1 map pointing 1.9 ,1.10
	History	10	Chapter 3. The Empire and kingdom: 6th to 10th century	Chapter 3 map pointing 3.16
	Geography	9	Chapter 2. India and her neighbours	Chapter 2 . questions and activities 8

	Economics	10	Chapter 4. Turning Trade	Chapter 4. Map 4.4 , 4.1 0
PERIODIC TEST -3 chapter 1,3				
December 25 Days	Civics	10	Chapter 5. India a Home to Many	Chapter 5 questions and activities 4
	Civics	10	Chapter 6. The State, The Government and You	Chapter 6 questions and activities 6
January 18 Days	Economics	10	Chapter 7. Infrastructure : Engine of India' s Development	Timeline 7.12 question and activities 6
	Economics	10	Chapter 8. Bank and the Magic of Finance	Chapter 8. Questions and activities 9
February 09 Days			Revision for AE	
ANNUAL EXAMINATION [CHAPTER 1 to 8]				

CLASS-7 [HINDI]

हिन्दी पाठ्यक्रम - पुस्तक- मल्हार एवं व्याकरण भारती

क्र. सं.	महीना एवं कार्य दिवसों की संख्या	पाठ्यपुस्तक	पाठ संख्या एवं पाठ का नाम	आवंटित अवधि	गतिविधियाँ/ परियोजनाएँ
1	अप्रैल 24 दिन	मल्हार	पाठ-1 "माँ का एक कहानी कह (कविता) कवि -मैथिली शरण गुप्त इकाई परीक्षण	7	1-हमारे देश और विश्व में अनेक कहानियाँ लोग एक दूसरे को सैकड़ों हजारों सालों से सुनते- सुनाते रहे हैं। अपने घर या आसपास सुनी- सुनाई जाने वाली किसी लोक कथा को लिखकर कक्षा में सुनाइए। आप इसमें अपनी पसंदीदा भाषा का भी चयन कर सकते हैं। सभी लोक कथाओं की एक पुस्तिका बनाया और कक्षा के पुस्तकालय में उसे सम्मिलित कीजिए। 2-अपने घर के किसी बड़े की मदद से अपनी पाठ्य पुस्तक में श्रुतलेख लिखिए श्रुतलेख में कम से कम 10 पंक्तियाँ होनी चाहिए।
		मल्हार	पाठ- 2 तीन बुद्धिमान (लोक कथा) इकाई परीक्षण	7	
		व्याकरण	पाठ-34 सूचना लेखन	3	
			पाठ 1 भाषा, बोली और व्याकरण	2	
व्याकरण	पाठ 2-वर्ण विचार	2			
	पाठ -3 संधि इकाई परीक्षण	3			
2	मई 13 दिन	मल्हार	पाठ - 3 फूल और काँटा (कविता) कवि-अयोध्या सिंह उपाध्याय 'हरिऔध' इकाई परीक्षण	6	3-'जीवन में फूल और कांटे, दोनों की आवश्यकता होती है'। प्रस्तुत विषय पर विभिन्न समूह बनाकर कक्षा में एक वाद विवाद गतिविधि का आयोजन कीजिए।
		व्याकरण	पाठ-31 अपठित गद्यांश	2	
			पाठ -3 शब्द विचार इकाई परीक्षण	5	

PERIODIC TEST-1 [मल्हार पाठ - 1,2; व्याकरण पाठ -1,2,3,31,34]

3	जून 7 दिन	व्याकरण	पाठ- 4 शब्द विचार	3	5-अपने घर या विद्यालय में दिखने वाली पांच चीजों के नाम लिखकर उनका विलोम तथा पर्यायवाची शब्द लिखें। यह भी बताइए कि वह शब्द तत्सम, तद्भव, रूढ़, यौगिक या योगरूढ़ में से किसके अंतर्गत आता है।
			पाठ 5-पर्यायवाची शब्द	2	
			पाठ 6 विलोम शब्द	2	
			पाठ 7-अनेकार्थक शब्द इकाई परीक्षण	2	
4	जुलाई 27 दिन	मल्हार	पाठ-4 पानी रे पानी (निबंध) लेखक-अनुपम मिश्र इकाई परीक्षण	8	6-पानी से संबंधित गीत या कविताओं का संकलन कीजिए और इनमें से कुछ को अपनी कक्षा में प्रस्तुत कीजिए। इसके लिए आप अपने परिजनों एवं शिक्षक अथवा पुस्तकालय या इंटरनेट की सहायता भी ले सकते हैं। 7-अपनी कक्षा के पांच ऐसे बच्चों के नाम चयन कीजिए जिनके नाम में कोई उपसर्ग हो। 8-अपने पसंदीदा किसी विषय पर एक अनुच्छेद लिखें तथा उनमें प्रयुक्त अनेकार्थक श्रुतिसमभिन्नार्थक वाक्यांशों के लिए एक शब्द तथा एकार्थक शब्द को वर्गीकृत करें।
		व्याकरण	पाठ 8-श्रुतिसमभिन्नार्थक शब्द	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-35 विज्ञापन लेखन	5				

PERIODIC TEST-2 [मल्हार:पाठ -3, 4 ; व्याकरण : पाठ - 4,5,6,7,8,9,10, 31, 35]

5	अगस्त 21 दिन	मल्हार	पाठ -6 गिरधर कविराज की कुंडलियां (कविता) कवि-गिरधर कविराय इकाई परीक्षण	8	9-"बिना बिचारे जो करे सो पीछे पछिताय।" प्रस्तुत विषय पर भाषण प्रतियोगिता का आयोजन करें। 10-समास पर आधारित-दिए गए गोले में से यथा शब्द को पूर्व पद के रूप में लीजिए तथा अन्य शब्द उत्तर पद के स्थान पर रखिए। समस्त पद बनाया और समास विग्रह कीजिए। 11-स्वविवेकानुसार पांच शब्दों का चयन करें तथा उनमें उपसर्ग तथा प्रत्यय लगाकर नए शब्द बनाइए। 12-अपने विद्यालय, घर या बाहर उपस्थित वस्तुओं के नाम लिखकर उसका लिंग तथा संज्ञा निर्धारित करें।
		व्याकरण	पाठ-36 पत्र लेखन	5	
			पाठ 13 समास	4	
			पाठ 14 संज्ञा	2	
			पाठ 15 लिंग	2	
6	सितंबर 12 दिन	व्याकरण	पाठ 31 अपठित गद्यांश	2	13- बच्चों को कोई अन्य अपठित गद्यांश व काव्यांश देकर प्रश्न उत्तर का अभ्यास कराएं। 14-अभ्यास के अलावा सूचना के लिए कोई अन्य विषय देखकर लिखित अभ्यास कराएं।
			पाठ 32 अपठित काव्यांश	2	
			पाठ 33 अनुच्छेद लेखन	2	
			पाठ 37 निबंध लेखन इकाई परीक्षण	4	

HALF YEARLY EXAMINATION

[मल्हार:पाठ - 4,6; व्याकरण: पाठ - 1,2,3,4,5,6,7, 8,9,10,11,12,13,14,15,31,32,33,34,36,37]

7	अक्टूबर 20 दिन	मल्हार	पाठ 5-नहीं होना बीमार(कहानी) लेखक-स्वयं प्रकाश इकाई -परीक्षण	8	15 क्या आपने किसी अन्य देख व्यक्ति, वस्तु, पशु पक्षी, अथवा स्थान आदि के विषय में अनुमान लगाए हैं?
		व्याकरण	पाठ-33 अनुच्छेद लेखन	3	

			पाठ 16 वचन	2	किसके बारे में? क्या? कब? विस्तार से कक्षा में चर्चा करें। 16-कारक की सभी विभक्तियों का प्रयोग करते हुए किसी एक विषय पर अनुच्छेद लिखें। अनुच्छेद में प्रयुक्त शब्दों को एकवचन तथा बहुवचन में वर्गीकृत करें।
			पाठ 17 कारक	3	
			इकाई परीक्षण	4	
8	नवंबर 22 दिन	मल्हार	पाठ-7 वर्षा बहार (कविता) कवि- मुकुटधर पाण्डेय इकाई परीक्षण	8	17-कविता में वर्णन है कि मोर नृत्य कर रहे हैं और मेंढक स गीत गा रहे हैं। इस दृश्य को अपने शब्दों में चित्रित कीजिए।
		व्याकरण	पाठ-32 अपठित पद्यांश	2	18-अभ्यास पर आधारित कार्यकलाप-विद्यार्थी कागज पर दिए गए तरीके से खाने बनाएंगे तथा उन पर सर्वनाम के भेद के नाम लिखेंगे। एक पासा उछालेंगे।
			पाठ -18 सर्वनाम	2	पासे में जो अंक आएगा, उसे अंक में लिखे सर्वनाम, विशेषण से संबंधित तीन वाक्य बनाएंगे।
			पाठ 19 विशेषण	2	19-विद्यार्थी किसी पुरानी पत्रिका से कोई चित्र काट कर चिपकाएं। सभी प्रकार की क्रिया तथा काल रूपों का प्रयोग करते हुए उसे चित्र का वर्णन करें।
			पाठ 20 क्रिया	2	20-अभ्यास पर आधारित कार्यकलाप-वाच्य पर आधारित प्रश्नों का निर्माण करें तथा उनके उत्तर लिखने के लिए अपने सहपाठी को दें।
			पाठ 21 काल	2	
			पाठ 23 अविकारी शब्द क्रिया विशेषण इकाई परीक्षण	4	

PERIODIC TEST- 3 [मल्हार: पाठ - 5,7; व्याकरण: पाठ - 16,17, 22,23,32,33]

9	दिसंबर 25 दिन	मल्हार	पाठ- 8 बिरजू महाराज से साक्षात्कार विद्यार्थियों द्वारा लिया गया इकाई परीक्षण	8	21-पाठ के आधार पर बच्चों ने शास्त्रीय नृत्य को निकटता से जाना वह समझा। 5-5 विद्यार्थियों के समूह में भारत के लोक नृत्य की सूची बनवाइए और उनकी विशेषताओं पर चर्चा परिचर्चा।
			पाठ 9 चिड़िया (कविता) कवि-आरसी प्रसाद सिंह इकाई परीक्षण	8	22-सभी विद्यार्थी 'पर्यावरण बचाओ' विषय पर एक नुक्कड़ नाटक तैयार करें और उसकी प्रस्तुति विद्यालय प्रांगण में करें।
		व्याकरण	पाठ -24 संबंध बोधक	1	23-सभी अविकारी शब्दों से संबंधित तीन-तीन चिट बच्चे बनाएं। सभी ग्रुप के बच्चे क्रमवार चिट उठाएं तथा शब्द को पहचान कर उससे संबंधित एक शुद्ध वाक्य का निर्माण करें।
			पाठ 25 समुच्चयबोधक	1	
			पाठ 26 विस्मयादिबोधक	1	
			पाठ 27 वाक्य विन्यास	1	
			पाठ 28 वाक्य रचना की अशुद्धियां	3	
			पाठ 29 विराम चिन्ह इकाई परीक्षण	3	
	जनवरी 26 दिन	मल्हार	पाठ-10 मीरा के पद कवयित्री -मीराबाई	8	23-पाठ के किसी एक पद को चुनकर

		व्याकरण	पाठ-37 निबंध लेखन	5	अपने समूह के साथ मिलकर अलग-अलग तरीके से कक्षा के सामने प्रस्तुत कीजिए उदाहरण के लिए गायन करना। भाव नृत्य प्रस्तुति करना। कविता पाठ करना आदि। 24-अध्यापक बच्चों को कुछ मुहावरे तथा लोकोक्तियां लिखकर दें जिसका प्रयोग करते हुए बच्चे कहानी लेखन करें।
			पाठ-30 मुहावरे तथा लोकोक्तियां	3	
			पाठ -31 अपठित गद्यांश	3	
			पाठ 32 अपठित काव्यांश	3	
			पाठ 36 पत्र लेखन	4	
	फरवरी 9 दिन		पुनरावृत्ति		

ANNUAL EXAMINATION

(मल्लार पाठ -5,7,8,9,10 व्याकरण: पाठ -16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,35,36,37,

SANSKRIT

दीपकम द्वितीय भाग

माह	पाठों का संख्या	कालांश	पाठों का विवरण
अप्रैल-7	प्रथम: पाठ: द्वितीय: पाठ:	4 2	वन्दे भारत मातरम् नित्यं पिबामः सुभाषितरषम्
मई-3	तृतीय: पाठ:	3	मित्राय नमः
PERIODIC TEST -1 [CHAPTER 1,2]			
जून-2		2	पुनरावृत्ति
जुलाई-8	चतुर्थ: पाठ: पञ्चम: पाठ:	3 3	न लभ्यते चेत आम्लं द्राक्षाफलम् सेवा हि परमोधरमः
PERIODIC TEST -2 [CHAPTER 3,4]			
अगस्त-6	षष्ठम: पाठ: सप्तम: पाठ:	3 3	क्रीडामवयं श्लोकान्त्याक्षरीम् ईशावास्यम् इदं सर्वम्
सितम्बर-3		3	पुनरावृत्ति
HALF YEARLY EXAMINATION [CHAPTER 1-7]			
अक्टूबर-5	अष्टम: पाठ:	5	हित मनोहारि च दुर्लभं वचः
नवम्बर-4	नवम: पाठ: दशम: पाठ:	2 2	अन्नाद् भवन्ति भूतानि दशमः कः?
PERIODIC TEST -3 [CHAPTER 8,9,10]			
दिसम्बर-6	एकादश: पाठ:	6	द्वीपेषु रम्यः द्वीपोऽण्डमानः
जनवरी-4	द्वादश: पाठ:	4	वीराङ्गना पन्नाधाय
फरवरी-2		2	पुनरावृत्ति
ANNUAL EXAMINATION [CHAPTER 8-12]			

COMPUTER

S.N O.	MONTH & NO. OF WORKING DAYS	NAME OF THE CHAPTER	PERIOD ALLOTTE D/DAYS REQUIRE D.	Theory/ Practical	Activitie s	Test/ Periodic Assessment
1	April	Number System	6	4	1	1
2		Advance Features of Excel	6	4	1	1
3	May	Layers in Krita	5	3	1	1
PERIODIC TEST-1 Chapters 1st and 2nd.						
4	June	Animations in Krita	3	2	1	
5	July	Google Apps	6	4	1	1
PERIODIC TEST-2 Chapters 3rd and 4th						
6	August	App Development	10	8	1	1
	Sept.	Revision Work				
HALF YEARLY EXAMINATION						
7	Oct.	More on HTML	8	6	1	1
8	Nov.	Lists and Tables in HTML Info Hub (PHP)	8	5	2	1
9	Dec.	Algorithmic Intelligence	6	3	2	1
PERIODIC TEST-3 Chapters 7th, 8th and 9th						
10	Jan.	Conditional Statement in Python	6	4	1	1
11	Feb.	Concept of Smart Living	6	6		
		Revision Work				
ANNUAL EXAMINATION						

APTITUDE AND REASONING

NAME OF THE BOOKS: Mind Booster

PUBLISHER: - Rohan Book Company Pvt. Ltd.

MONTHS & NO.OF WORKING DAYS	CHAPTER NUMBER	NAME OF THE CHAPTERS	PERIODS ALLOTTED
APRIL (24 Days) + MAY (13 Days)	1	Embedded Figures and Figural Matrix	2
	6	Series Completion	2
	7	Analogy	1
	19	Alphabet Test	1
	22	Computer World	1
PERIODIC TEST -1 (CHAPTER 6,7,19,22)			
JUNE (7 Days) + JULY (27 Days)	2	Figure Formation	1
	3	Analytical Reasoning	1
	9	Blood Relation	2
PERIODIC TEST -2 (CHAPTER 2,3,9)			
AUGUST (22 Days)	11	Seating Arrangement	2
	13	Coding - Decoding	2

+ SEPTEMBER (12 Days)	15	Venn Diagram	2
	17	Paper Folding and Cutting	2
HALF YEARLY EXAMINATION (Course included from April to September)			
OCTOBER (20 Days) & NOVEMBER (19 Days)	4	Dice and Cubes	2
	12	Direction Test	1
	8	Classification	1
	5	Dot Situation	2
	10	Ranking Test	1
	14	Mathematical Operations	2
PERIODIC TEST -3 (CHAPTER 12,8,10,14)			
DECEMBER (25 Days)	16	Mirror and Water Image	1
	18	Clock and Calendar	1
	20	Logical Sequence of Words	1
JANUARY (18 Days) + February (9 Days)	21	Language and Grammar	1
	23	General Awareness	1
ANNUAL EXAMINATION (Course included from October to February)			

GENERAL KNOWLEDGE

Brainiac

MONTH	CHAPTERS	Activity
April 24 Days	Chapter 1 Bridges of India Chapter 2 The Father of Mathematics Chapter 3 Kumbh Mela Chapter 4 Cultural Greetings of India Chapter 5 Challenging Stereotypes Chapter 6 The Guardians of India Chapter 7 Animal Diseases Chapter 8 Herbal Plants	1. Picture Puzzle Activity: Show a famous landmark image (e.g., Eiffel Tower, Taj Mahal). Question: Can you name this monument and the country it is located in?
May 13 Days	Chapter 9 Tools of Meteorologist Chapter 10 Teeth Structure and Function Chapter 11 Bhopal Gas Tragedy Chapter 12 Desert Adventure Chapter 13 Medical Advancement	2. Map It! Activity: Give students a blank world map. Question: Can you locate and mark the seven continents on the map?
PERIODIC TEST -1 [Chapter: 1 to 8]		
June 7 Days + July 27 Days	Chapter 14 BRICS-A Group of Powerful Nations Chapter 15 Milestones in World History Chapter 16 Lost Cities of the World Chapter 17 Let's Visit Bhutan Chapter 18 Castles, Palaces and Forts Chapter 19 World History Chapter 20 Fit India Chapter 21 The Asia Cup2025 Chapter 22 The Power of the Plate	3. Match the Flag Activity: Display different national flags. Question: Match each flag to its correct country name.

	Chapter 23 National Sports of the World	
PERIODIC TEST -2 [Chapter: 9 to 16]		
August 21 Days	Chapter 24 Global sports Stars Chapter 25 The Mozart of Ardas A.R. Rahman Chapter 26 71th National Film Awards Chapter 27 Zakir Hussain-The Tabla Maestro Chapter 28 IIFA Awards 2025	4. Who Am I? (Guess the Personality) Activity: Read clues about a famous person. Question: I fought for non-violence and led India to independence.
September 12 Days	Chapter 29 Evergreen Comedians Chapter 30 Reel World Central	5. Current Affairs Bingo Activity: Create a bingo card with current news topics. Question: Mark any three topics on your bingo card that were in this week's headlines.
HALF YEARLY EXAMINATION [Chapter: 1 to 30]		
October 20 Days	Chapter 31 Fables and Folk Tales 32 World Famous Books and Authors Chapter 33 Mythological books Chapter 34 Famous Novels and Epics Chapter 35 Literature Quiz	6. Inventor Hunt Activity: Show pictures of inventions. Question: Who invented the telephone, and what was their nationality?
November 19 Days	Chapter 36 Famous Sports Biographies Chapter 37 Famous Indian Political Leaders Chapter 38 Defining Moments in Indian History Chapter 39 Prevalent Social Issues Chapter 40 Basics of Voting Chapter 41 Female Political Icons of India Chapter 42 Simple Letter Coding	7. National Symbols Sorting Activity: Provide images of animals, flowers, and flags. Question: Can you match each symbol to the correct country? (e.g., Kangaroo - Australia)
PERIODIC TEST -3 [Chapter: 31 to 42]		
December 25 Days	Chapter 43 Mental Maths Chapter 44 Coding -Decoding Chapter 45 Amazing Riddles Chapter 46 Non-verbal Reasoning Chapter 47 The Detective's Guide Chapter 48 The Earth's Sunscreen	8. Guess the Currency Activity: Show currency notes or symbols. Question: Which country uses this currency symbol: ¥?
January 18 Days	Chapter 49 All about Greetings Chapter 50 Helping Our Community Chapter 51 International Yoga Day	9. Riddle Me This (Science & Nature) Activity: Ask a riddle. Question: I shine bright during the day but disappear at night. What am I?
February 09 Days	Chapter 52 A Cosmic Dance-PSLV-C60&The Amazing Spadex Mission Chapter 53 India-The Future of Technology Chapter 54 Financial Literacy	10. World Leaders Quiz Activity: Display pictures of world leaders. Question: Can you name the current President or Prime Minister of any two countries shown?
ANNUAL EXAMINATION [Chapter: 31 to 54]		

LIFE SKILLS

A Better You G Ram Books

Month	Chapter	Activity
April & May	Chapter 1-Body Image	Discuss body image issues with students: "How do social media, TV, or magazines affect the way people feel about their bodies?" "Why do you think people compare their bodies to others?"
PERIODIC TEST-1 [CHAPTER 1]		
June	Chapter 2-Handling Peer Pressure	Students to spark discussion about handling peer pressure: "What would you do if your friends were pressuring you to do something you know is wrong, but you're afraid they'll stop liking you if you say no? "Has something like this ever happened to you or someone you know?"
July	Chapter 3 Family : My real strength	Write a short speech on - "In what ways has your family given you strength or helped you become who you are today?"
PERIODIC TEST-2 [CHAPTER 2 and 3]		
August	Chapter 4-Communication Skills	Students play a fun game of passing a message down a line (like telephone) to show how important clarity and listening are. Then discuss what changed and why.
September	Chapter 5-Rebellious Behavior	Present a few scenarios of rebellious actions (e.g., talking back, skipping class) and ask students to guess the emotions or situations behind them (e.g., stress, lack of attention, peer pressure). Then discuss healthier ways to cope
HALF YEARLY EXAMINATION [CHAPTER 1 TO 5]		
October	Chapter 6 Gender Sensitisation	Role-play: Students act out scenarios showing gender bias and then redo them showing equality.
November	Chapter 7-Impact of parental conflict	Draw or write about a time when they felt uncomfortable because of arguments at home. Follow up by discussing healthy ways to
PERIODIC TEST-3 [CHAPTER 6 & 7]		
December	Chapter 8-Internet Addiction	Write five disadvantages of internet addiction.
January	Chapter 9 Cyber bullying	"What would you do if you saw someone being bullied online, but you were scared to get involved?"
February	Revision	
ANNUAL EXAMINATION [CHAPTER. (6 to 9)]		

DRAWING

BOOK-ART MAGIC. Class - 7

MONTH	CHAPTER	ACTIVITIES
April-24 May-13	Componnet-1 and 2. Page no-3 to 13	Poster making
PERIODIC TEST - 1		
JUNE-7 JULY-27	Component – 3 and 4.page no – 14 to 23	BOOK MARK
PERIODIC TEST-2		
AUGUST -22	Component -5.page no- 24 to 28.	Flower Bunch
SEPTEMBER -12	Component -6. Page no -29 to 32	Colour ful Birds.
HALF YEARLY EXAMINATION		
OCTOBER -20	Component -7. Page no -33 to 39	PEN STAND
NOVEMBER -19	Component -8. Page no- 40 to 46	Bottle Penguin
PERIODIC TEST -3		
DECEMBER -25	Component -9. Page no – 47 to 51.	Plate Fish.
JANUARY -18	Component -10. Page no – 52 to 55.	Pink Rose
FEBRUARY -9	Practice work from Miscellaneous.Component-11and 12. Page no- 56 to 64	----
ANNUAL EXAMINATION.		

CLASS-7

ROBOTICS & ARTIFICIAL INTELLIGENCE (STEM)

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

Month	Chapter & Topics	Lab Activities & Coding
April (2026)	Ch-1: Introduction to Arduino IDE Theme: Transition from Block Coding to Text Coding Topics: From Block Coding to Text Coding, Introduction to Arduino, Arduino IDE, Installing and Setting Up Arduino IDE, Arduino IDE Interface, Structure of an Arduino Program Coding Integration: Arduino IDE programming Skill Focus: Embedded programming basics	Lab 1: Blinking an LED Lab 2: Traffic Light Simulation Lab 3: Buzzer Melody Lab 4: Push Button LED Control Additional Reinforcement: Understanding Arduino program structure Assessment: LED and push-button program testing
May (2026)	Ch-2: Robotics for Sustainability & Agriculture Theme: Smart Irrigation Systems Topics: Agriculture and the Need for Sustainability, Role of Robotics in Agriculture, Soil Moisture Sensor Introduction, Working Principle of Soil Moisture Sensor, Components of Soil Moisture Sensor, Smart Irrigation Systems Coding Integration: Sensor automation logic Skill Focus: Sustainability awareness	Lab 5: Soil Moisture Alert System Lab 6: Automatic Plant Watering System Additional Reinforcement: Discussion on smart agriculture technologies Assessment: Plant watering automation system demonstration
PERIODIC TEST-1 [Chapters 1 & 2]		
July (2026)	Ch-3: Intelligent Sensors & Decision Systems Theme: Multi-Sensor Robotics Topics: Sensors as Robot Senses, Decision Systems in Robotics, Infrared (IR) Sensor, Temperature and Humidity Sensor, Gas Sensor (MQ135), Integrating Sensors in Robotics Coding Integration: Sensor data processing Skill Focus: Decision-making systems	Lab 7: Weather Station Lab 8: Smoke Detection System Lab 9: Smart Temperature Indicator Lab 10: Follow Me Robot Lab 11: Home Safety Multi-Sensor System Additional Reinforcement: Real-life sensor applications discussion Assessment: Multi-sensor robotics project evaluation
August (2026)	Ch-4: Applied Artificial Intelligence Theme: AI Applications in Automation Topics: Artificial Intelligence Recap, Applied Artificial Intelligence, Human Vision vs Computer Vision, Computer Vision, Speech Recognition, Natural Language Processing (NLP), AI for Automation, Ethical and Responsible Use of AI Coding Integration: AI tools using PictoBlox Skill Focus: AI system understanding STEM Activity: Lab 31 – Solar Tracker	Lab 12: Celebrity Identification Using AI Lab 13: Smart AI Chatbot Using Speech Recognition Lab 14: Home Automation Using NLP Additional Reinforcement: AI applications in daily life discussion Assessment: AI application demonstration

Month	Chapter & Topics	Lab Activities & Coding
	System	
PERIODIC TEST-2 [Chapters 3 & 4]		
September (2026)	Ch-5: Internet of Things (IoT) & Smart Homes Theme: Smart Connected Systems Topics: Internet of Things (IoT), Components of an IoT System, Working of an IoT System, Smart Homes, Smart Home Applications, IoT and Home Automation Coding Integration: IoT programming concepts Skill Focus: Connected device systems STEM Activity: Lab 32 – Hydraulic Crane	Lab 15: Mobile App Controlled LED Lab 16: IoT Temperature Monitoring System Lab 17: Smart Door Security System Additional Reinforcement: Smart home ecosystem discussion Assessment: IoT smart system demonstration
HALF YEARLY EXAMINATION [Chapters covered April – September]		
October (2026)	Ch-6: Python Programming Theme: Logical Programming Topics: Introduction to Python Logic, Indentation in Python, Data Types, Type Casting, Operators in Python, Conditions Coding Integration: Python programming Skill Focus: Logical thinking	Lab 18: Student Result Analyzer Lab 19: Voting Eligibility Checker Lab 20: Simple Calculator Lab 21: Guess the Number Game Lab 22: Simple Quiz Program Additional Reinforcement: Python coding practice Assessment: Python program evaluation
November (2026)	Ch-7: Design to Prototype Theme: Design Thinking & Product Development Topics: From Ideas to Prototype, Problem Identification, Design Thinking Approach, Ideation to Prototype, Introduction to CAD Coding Integration: CAD and design tools Skill Focus: Design thinking	Lab 23: Design to Product – From Problem to Prototype Lab 24: Designing a Simple Mechanical Gear Train Lab 25: Designing a Functional Mini Plant Pot Additional Reinforcement: Innovation and product design discussion Assessment: Prototype design presentation
PERIODIC TEST-3 [Chapters 5, 6 & 7]		
December (2026)	Ch-8: Aeromodelling & Flight Engineering Theme: Principles of Flight Topics: Wing Loading, Aspect Ratio of Wings, Balance and Stability in Flight, Improving Aircraft Performance Coding Integration: Aerodynamics concepts Skill Focus: Flight engineering understanding	Lab 26: Wing Loading Experiment Lab 27: Aspect Ratio Comparison Additional Reinforcement: Flight science discussion Assessment: Aeromodelling experiment evaluation
January (2027)	Ch-9: Financial Literacy Theme: Responsible Financial Awareness Topics: Digital Finance Awareness, Safe Online Practices, Responsible Use of Money Skill Focus: Financial literacy STEM Activities: Lab 33 – Robotic Arm Lab 34 – Smart Dustbin	Lab 28: Understanding Needs and Wants Lab 29: Simple Budget Planning Lab 30: Digital Finance Awareness Additional Reinforcement: Financial awareness discussion Assessment: Budget planning activity

Month	Chapter & Topics	Lab Activities & Coding
February (2027) (Capstone)	Capstone Project: OTTO ROBOT Theme: Integration of Full Year Learning Project Focus: • Ideation • Circuit Assembly • Coding • Final Model & Testing	Capstone Project: OTTO ROBOT • Ideation & Planning • Circuit Assembly • Coding & Programming • Final Model & Testing • Project Presentation
ANNUAL EXAMINATION [All Chapters]		

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

CLASS-7