



Dolphin Public School

(Affi. to C.B.S.E., New Delhi upto +2 Level)

B.M.P.-6, Kanhauli, Muzaffarpur

[Syllabus 2026-27]

Subject: Computer Science

Class- VII

✚ Book Prescribed :- Tech Next

✚ Publication :- Avartan

Months	T.D.	Chapters/Unit	Project/Activities/Lab
April	21	1. Number Systems <ul style="list-style-type: none">Decimal Number SystemBinary Number SystemOctal Number systemHexadecimal Number SystemConversion in Number systemsComputer Arithmetic	Conversion in number system
May	22	2. Functions in Excel <ul style="list-style-type: none">Cell Address and Cell ReferenceCalculation in ExcelFunctions (Sum, Product, Quotient, Power, Max, Min Count, and Average)	Lab based on MS-Excel
		P.T – I Examination	
June	08	2. Functions in Excel <ul style="list-style-type: none">AutoSum	Lab Based on MS- Excel
July	27	3. More on Excel <ul style="list-style-type: none">Sorting DataFiltering DataConditional FormattingCharts	Lab Based on MS- Excel
August	23	4. Introduction to CSS <ul style="list-style-type: none">Purpose of CSSDifferent Methods of Applying CSSUsing the Inline StyleUsing Font, Background, Text, Border, and Margin Properties	Lab Based on CSS
Sept.	18	Revision	
		Half-Yearly Examination	
Oct.	21	5. Introduction to Python <ul style="list-style-type: none">Python : A Programming LanguageInterpreter and ComputerDownloading and installing pythonIntegrated Development and Learning Environment (IDLE)Modes of python – Interactive Mode and Script ModeKeyboard, Variables and Data TypesThe Assignment Operator	Lab Based on Python

Nov.	14	6. More on Python <ul style="list-style-type: none"> • Using input () Functions • What are Operators? • Types of Operators in Python • Operator Precedence • BODMAS and PEDMAS 	Lab Based on Python
Dec.	19	7. Artificial Intelligence <ul style="list-style-type: none"> • Artificial Intelligence Our Constant Companion • History of Artificial Intelligence • Need of AI • Types of AI • AI Domains • Developing Intelligent Systems 	Periodic Test -II
		P.T – II Examination	
Jan.	23	7. Artificial Intelligence <ul style="list-style-type: none"> • Use of AI in Various Fields • Future Potential of AI • AI Ethics 8. Internet Safety <ul style="list-style-type: none"> • Data Privacy • Responsible Online Behavior • Online Banking Safety Measures • Safe Social Media Practices • Email Courtesy Machine Learning	Create a PowerPoint presentation on the topic 'Safe media practices'
Feb.	17	Revision	
March	06	Annual Examination	Annual Examination

 Books recommended

1. Poorvi (N.C.E.R.T)

 The Grammar Connect (Blue Print Education)

Months	T.D.	Name of Chapter	Grammar	Writing	Project/Activities
April	21	* The Day the River Spoke * Try Again	* The Sentence * Nouns * Adjectives	* Paragraph on 'Discipline'	* Prepare a project on 'Louis Braille'
May	22	* Three Days to See * Animals, Birds and Dr. Dolittle	* Articles * Pronouns * Verbs	* Letter to friend congratulating him/ her on his/her success	* Dictation
		PT – I Examination			
June	08		* Verbs: Expressing the Present		
July	27	* A Funny Man * Say the Right Thing	* Verbs: Expressing the Past * Verbs: Expressing the Future	* Diary Entry	* Prepare a project on 'moral values'
August	23	* My Brother's Great Invention * Paper Boats	* Modals * Finite and Non-finite verb	* Letter to Editor	
Sept.	18	Half-Yearly Examination			
Oct.	21	* North, South, East, West * The Tunnel	* Active and Passive Voice	* E-mail Writing	* Prepare a project on 'modals'
Nov.	14	* Travel * Conquering the Summit	* Adverbs * Prepositions	* Application to the Principal for free-studentship	* Quiz
Dec.	19	* A Homage to our Brave Soldiers	* Conjunctions * Phrases	* A paragraph on 'Importance of Morning Assembly'	

P.T – II Examination					
Jan.	23	* My Dear Soldiers	* Clauses * Sentences (Simple, compound and complex)	A letter to Editor	
Feb.	17	* Rani Abbakka	* Transformation of sentences		
March	06	Annual Examination			

Months	T.D.	Chapter/Topic	Project/Activities/Lab
April	21	Chapter – 1 Large Nos. around us Chapter – 2 Arithmetic Expressions	Lab activity based on Ch – 1, 2
May	22	Chapter – 3 A peek beyond the point Chapter – 4 Expressions using letter nos.	Lab activity based on Ch- 3, 4
		PT – I Examination	
June	08	Chapter – 5 Parallel and Intersecting lines	Lab activity based on Chapter - 5
July	27	Chapter – 6 Number Play. Chapter – 7 A tale of 3 intersecting lines	Lab Activity based on Chapter – 06,07
August	23	Chapter – 8 Working with fraction Revision of Chapter – 01 to Chapter – 08 For Half Yearly Exam	Lab Activity based on Chapter - 08
Sept.	18	Part II Chapter – 04 Geometric Twins	Lab Activity based on Chapter - 01
		Half-Yearly Examination	
Oct.	21	Chapter – 2 Operation with integers Chapter -3 Finding Common ground	Lab Activity based on Chapter – 2, 3
Nov.	14	Chapter – 4 Another Peek Beyond the Point	Lab Activity based on Chapter -4
Dec.	19	Chapter – 5 Connecting the does	Lab Activity based on Chapter - 5
		PT – II Examination	
Jan.	23	Chapter – 6 Construction and Tiling	Lab Activity based on Chapter -6
Feb.	17	Chapter – 7 Finding the Unknown	Lab Activity based on Chapter - 7
March	06	Annual Examination	

Months	T.D.	Chapters/Unit	Project/Activities/Lab
April	21	Chapter – 1 (Mixed) <ul style="list-style-type: none"> [The Ever-evolving word of science] Chapter – 2 (Chemistry) <ul style="list-style-type: none"> [Exploring Substances Acidic, Basic & Neutral] 	(i) Importance of Experimentation (ii) Litmus text
May	22	Chapter – 3 (Physics) <ul style="list-style-type: none"> [Electricity Circuits & Their components] Chapter -6 (Biology) <ul style="list-style-type: none"> [Adolescence A stage of growth & change] 	Making Electric circuit Making report Nutritional needs of Adolescence
		P.T – I Examination	
June	08	Chapter – 4 Chemistry <ul style="list-style-type: none"> [The world of metals & Non- Metals] 	Classification of Metals & Non- Metals
July	27	Chapter – 4 (Chemistry) <ul style="list-style-type: none"> [The world of metals & Non- Metals] Chapter – 7 <ul style="list-style-type: none"> [Heat Transfer in Nature] 	Formation of Water cycle
August	23	Chapter – 09 (Biology) <ul style="list-style-type: none"> [Life processe in Animals] Chapter – 05 (Chemistry) <ul style="list-style-type: none"> [Changes around us : Physical and chemical changes] 	To demonstrate changes Reversible & Irreversible
Sept.	18	Chapter – 05 [Chemistry] <ul style="list-style-type: none"> [Changes around us : Physical & Chemical Change] 	To Demonstrate the movement of water in plans.
		Half-Yearly Examination	
Oct.	21	Chapter – 08 [Physics] <ul style="list-style-type: none"> [Measurement of time & Motion] Chapter – 10 [Biology] <ul style="list-style-type: none"> [Life Processe in Plants] 	Reflection through plane mirror
Nov.	14	Chapter – 11 [Physics] <ul style="list-style-type: none"> [Light Shadown & Reflection] 	Application of mirror.
Dec.	19	Chapter – 12 (Physics) <ul style="list-style-type: none"> [Earth, Moon & The sun] 	Daylight Variation across earth
		P.T – II Examination	
Jan.	23	Chapter – 12 (Physics) <ul style="list-style-type: none"> [Earth, Moon & the Sun] 	Apparent Motion of stars in hight sky
Feb.	17	Revision for Annual Examination	
March	06	Annual Examination	

Subjects :- Social Science

Class- VII

Book Prescribed :- Awareness Social Studies

Publication :- NCERT Part 1 and 2

Months	T.D.	Chapter/Topic	Project/Activities/Lab
April	21	1. Geographical Diversity 2. New Beginnings: Cities and States	Reading and Recognizing Words
May	22	3. Understanding the Weather 4. From Barter to Money 5. Rise of Empire	Writing of PREAMBLE
		PT-I Examination	
June	08	6. Remaining Part of Rise of Empire 7. Climates of India (beginning of the chap)	Systematic knowledge of Empire by G.D
July	27	8. The Gupta Era: An Age of tireless creativity 9. How the Land Becomes Sacred 10. The Constitution of India – Introduction	Features of the Indian Constitution – a project
August	23	11. Remaining part of above mentioned chapter 12. Understanding Markets	Different kinds of Market – a project
Sept.	18	13. Remaining part of Understanding Markets and revision for HLY Exam	Book based Activities
		Half-Yearly Examination	
Oct.	21	14. The Story of Indian Textiles 15. The State, the Government, and You	Special discussion on different organs of the govt.
Nov.	14	16. India and Her Neighbours 17. India, a Home to Many	<i>Activity:</i> Information about Neighbours
Dec.	19	18. Infrastructure: Engine of India's Development 19. Turning Tides: 11th and 12th centuries	<i>Activity:</i> A project on Bank
		P.T – II Examination	
Jan.	23	20. Remaining part of above mentioned chapters 21. Banks and the Magic of Finance	<i>Activity:</i> A project on Bank
Feb.	17	22. Remaining part of Banks and the Magic of Finance Remaining part of Turning Tides: 11 th and 12 th the centuries	Group Discussion
March	06	Annual Examination	

विषय –(हिन्दी)

कक्षा – सात

किताब :- मल्हार

प्रकाश :- एन0 सी0 ई0 आर0 टी0

व्याकरण – नवनिधि हिन्दी व्याकरण

प्रकाशन – गंगाराम प्रकाशन

महीना	कार्य दिवस	पाठ का नाम	व्याकरण	पत्र लेखन	गतिविधि
अप्रैल	21	पाठ – 1, 2 पाठ – 1 माँ, कह एक कहानी पाठ – 2 तीन बुद्धिमान	व्याकरण 1 – भाषा, बोली, लिपि और व्याकरण 2. वर्ण – विचार 4 शब्द और उनका वर्गीकरण	निबंध,— बढ़ता प्रदूषण, विज्ञापन की दुनिया पत्र-लेखन	
मई	22	पाठ – 3 पाठ – 3 फूल और काँटा	व्याकरण – 3 संधि 5 उपसर्ग 5. प्रत्यय	पत्र-लेखन, ई-मेल लेखन	
प्रथम सावधिक परीक्षा					
जून	08	पाठ – 4 पानी रे पानी	व्याकरण – 6 समास		
जुलाई	27	पाठ – 5 नहीं होना बीमार	व्याकरण – 7 लिंग 8. वचन 9. कारक	विज्ञापन लेखन, निबंध लेखन- कंप्यूटर का महत्व	
अगस्त	23	पाठ – 6 गिरिधर कविराय की कुंडलिया	व्याकरण :- 10,11,12 10 – संज्ञा 11 – सर्वनाम 12 – सर्वनाम	पत्र लेखन, अनुच्छेद लेखन (पेड़ हमारे सच्चे साथी खेल का महत्व)	
सितम्बर	18	पाठ – 7 वर्षा-बहार	व्याकरण :- पाठ – 13 क्रिया 14. काल		
अर्द्धवार्षिक परीक्षा					
अक्टूबर	21	पाठ – 8 बिरजू महाराज से साक्षात्कार	व्याकरण – 15,15,15 संबंधबोधक, क्रियाविशेषण, समुच्चयबोधक	ई – मेल लेखन, निबंध लेखन (ऑनलाइन शिक्षा का महत्व)	

नवंबर	14	पाठ- 9 चिड़िया	व्याकरण - 15 विस्मयादिबोधक 15 - निपात 16 - वाच्य	विज्ञापन लेखन	
दिसंबर	19	पाठ - 10 मीरा के पद	व्याकरण - 17, 18 17. वाक्य 18. अशुद्ध वाक्यों एवं शब्दों का संशोधन 19. विराम चिह्न	संवाद -लेखन, ई-मेल लेखन।	
		द्वितीय सावधिक परीक्षा			
जनवरी	23	❖ पुनरावृत्ति कार्य			
फरवरी	17	वार्षिक परीक्षा पुनरावृत्ति कार्य			
मार्च	06	वार्षिक परीक्षा			

मासाः	कार्य दिवसाः	पाठस्य नाम प्रथम सावधिकी परीक्षा	गतिविधयः
अप्रैल	21	❖ पाठः – 1 (दीपकम् + कार्यपुस्तिका) ❖ व्याकरणम् – शब्दरूपाणि, धातुरूपाणि च	➤ श्लोकानाम् लेखनम् वाचनम् च ।
मई	22	❖ पाठः – 2 (दीपकम् + कार्यपुस्तिका) ❖ व्याकरणम् – वर्णपरिचयः, अभ्यासः ❖ अनुवादाः परीक्षाकृते अभ्यासः च ।	➤ कथावाचनम् लेखनम् च ।
प्रथम सावधिकी परीक्षा			
जून	08	❖ पाठः – 3 (दीपकम् पाठ्य पुस्तकम्) ❖ व्याकरणम् – वर्णपरिचयः, अनुवादाः अभ्यासः च ।	➤ शब्दरूपाणां , धातुरूपाणां चार्टपत्रे लेखनम्
जुलाई	27	❖ पाठः – 4,5 (दीपकम् + कार्यपुस्तिका) व्याकरणम् – शब्दरूपाणां, धातु रूपाणां च वाक्येषु प्रयोगाः ।	➤ क्वीज संस्कृत पदानाम्
अगस्त	23	❖ पाठः – 6 (दीपकम् + कार्यपुस्तिका) व्याकरणम् – कारक-उपपद, संख्यावाचक शब्दः, ❖ व्याकरणम् – शब्दरूपाणि धातुरूपाणि च ।	➤ श्लोकानाम् अर्थलेखनम्, वाचनम् ।
सितम्बर	18	अर्धवार्षिकी परीक्षा कृते अभ्यासः ❖ पाठः – 7 (दीपकम् + कार्यपुस्तिका) ❖ व्याकरणम् – शब्दरूपाणि, धातुरूपाणि	➤ शब्दार्थाधारिताः (क्वीज)
अर्धवार्षिकी परीक्षा			
अक्टूबर	21	❖ पाठ – 8,9 (दीपकम् + कार्यपुस्तिका) ❖ व्याकरणम् – सर्वनामशब्दानां प्रयोगाः अनुवादः च ।	➤ सर्वनामशब्दानां लेखनम् वाचनम् च ।
नवंबर	14	❖ पाठ– 10 (दीपकम् + कार्यपुस्तिका) व्याकरणम् – सर्वनामशब्दानां प्रयोगाः संख्यावाचकशब्दाः, स्वरसन्धिः (नियमाः)	➤ कथालेखनम् वाचनम् च
दिसंबर	19	❖ पाठ : – 11 (दीपकम् +कार्य पुस्तिका) ❖ व्याकरणम् – अपिठत-गद्यांशः, पत्र लेखनम् अनुवादः, च ।	➤ महापुरुषाणां, जीवन परिचयः
द्वितीय सावधिक परीक्षा			
जनवरी	23	❖ पाठ : – 12 (दीपकम् + कार्यपुस्तिका), अभ्यासः ❖ व्याकरणम्- परीक्षाकृते अभ्यासः	➤ शिक्षाप्रद श्लोकानामं वाचनम् (अर्थसहितम्)
फरवरी	17	वार्षिकी परीक्षाकृते अभ्यासः (पाठ्यक्रमानुसारेण)	
मार्च	6	वार्षिकी परीक्षा	

Months	W.D.	Chapters	Grammar	Essay	Project/Activities
April	21	Chapter – 1 & 2	Kinds of Noun, Opposite words	Eid-UI – Adha News Paper	Write Urdu Maths name on
May	22	Chapter – 3 & 4	Synonyms & Idoms	Application, Letter	Story telling about Eid-UI Adha
		P.T – I Examination			
June	08				
July	27	Chapter – 5 to 7	Singular to Plural and Application	My favorite teacher	A speech about Favorite teacher
August	23	Chapter – 8 to 10	Kind of Verb & Verb Letter & Application	My Best friend	
Sept.	18	Revision & half yearly			
		Half-Yearly Examination			
Oct.	21	Chapter – 12 to 14	Sig/Plu opposite	Durga Puja	Why Diwali is called “ The festival of Light” Write on a chart paper
Nov.	14	Chapter – 15	Synonyms kind of pronoun	Computer	
Dec.	19	Chapter – 16	Notice		Spelling
		P.T – II Examination			
Jan.	23		Seen & Unseen Passage Letter		Story telling
Feb.	17	Revision and Annual Exam			
March	06	Annual Examination			

