



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- VIII

✚ Book Prescribed :- Tech Next

✚ Publication :- Avartan

Months	T.D.	Chapters/Unit	Project/Activities/Lab
April	21	1. Networking Concepts <ul style="list-style-type: none">• Computer Network• Need for Computer Network• Advantages of computer Network• Network Terminology• Components Required for a Network• Types of Network• Topology• Network Architecture• Wireless Networking Technology• Protocol	Project work on Types of networks
May	22	2. Lists and Tables in HTML5 <ul style="list-style-type: none">• Lists• Properties of Lists• Creating Nested and Description Lists• Tables P.T – I Examination	Project work on HTML Lists
June	08	3. Images Links and Frames in HTML5 <ul style="list-style-type: none">• Inserting images• Linking webpages	Project work on HTML Images Links and frames
July	27	3. Images Links and Frames in HTML5 <ul style="list-style-type: none">• CSS and Links• Inserting audio and video• Frames and Iframes 4. Statements in Python <ul style="list-style-type: none">• Control Statements and its Types• Sequential Statements• Conditional Statements	Work on -Worksheet based on Ch – 1, 2,3 and 4)
August	23	5. Iterative statements <ul style="list-style-type: none">• Iterative Statements• For loop and while loop	Lab Activity: Write a program calculate the factorial of any given number.
Sept.	18	6. Robotics <ul style="list-style-type: none">• Introduction to Robotics• Importance of Robotics in daily life• Creation and Designing of Robots• Evolution of Robots• Types of Robots• Three Laws of Robots• Key components of Robots• Application of Robots in Different	Draw a flowchart or give a diagrammatic representation to show how a typical robot work. (Refer to key components of Robots)

		<p>Fields</p> <ul style="list-style-type: none"> • Advantage and Disadvantages of Robots • Future of Robots : Humanoids 	
		Half-Yearly Examination	
Oct.	21	<p>7. Cyber Ethics</p> <ul style="list-style-type: none"> • Computer Ethics • Unethical Computer Practices/ Cybercrimes • Cybercrimes against an Individual • Cybercrimes against Property • Cybercrimes against Organisation/ Society 	<p style="text-align: center;">Lab Activity</p> <p>Using Google slides, Prepare a presentation on 'Coverage of Cloud Computing and IoT'.</p>
Nov.	14	<p>7. Cyber Ethics</p> <ul style="list-style-type: none"> • Safety Measures • Digital Footprint 	<p style="text-align: center;">Project work on Safety and Security</p>
Dec.	19	<p>8. Cloud computing and IoT</p> <ul style="list-style-type: none"> • Introduction to cloud computing • Types of Cloud Service • Advantages and Disadvantages of Cloud Computing 	<p style="text-align: center;">Lab Activity</p> <p>Using Google slides, Prepare a presentation on 'Coverage of Cloud Computing and IoT'.</p>
		P.T – II Examination	
Jan.	23	<p>8. Cloud computing and IoT</p> <ul style="list-style-type: none"> • Applications of Cloud Computing • Introduction to Internet of Things (IoT) • How Internet of Things (IoT) Works? 	<p style="text-align: center;">Conduct a search on different cloud storage application and then identify the icons given below.</p>
Feb.	17	<p>8. Cloud computing and IoT</p> <ul style="list-style-type: none"> • Advantage and Disadvantage of IoT • Application of IoT • Case Studies on Cloud Computing and IoT • Future of Cloud Computing and IoT 	<p style="text-align: center;">Work on Worksheet 2 (Best on Chapters 5, 6, 7 and 8)</p>
March	06	Annual Examination	Annual Examination

Subject: Physics**Class- VIII**
 **Book Prescribed :- Illustrative Science**
 **Publication :- Goyal Brothers Prakashan**


Months	T.D.	Chapters/Unit	Project/Activities/Lab
April	21	❖ Chapter – 01 Electricity	
May	22	❖ Chapter – 02 Magnetic effect ❖ Chapter – 03 Heating effect ❖ Chapter – 04 Chemical effect	To observe the effect of electric current on magnetic effect
		P.T – I – Examination	
June	08	❖ Chapter – 05 Exploring forces	To understand a force as a push and pull
July	27	❖ Chapter – 06 Types of forces effect of focus	When it is applied on an object
August	23	❖ Chapter – 7 Pressure, Winds, Storms and cyclone	
Sept.	18	Half-Yearly Examination	To observe how the earth pulls different obtuse
Oct.	21	❖ Chapter – 08 Light – Mirrors	
Nov.	14	❖ Chapter – 09 Lens	To observe how the image formed in a shiny surface and compare it with image formed in plane mirror
		P.T – II Examination	
Dec.	19	❖ Chapter – 10 Keeping time with sky	
Jan.	23	❖ Chapter – 10 Keeping time with sky	
Feb.	17	Revision	
March	06	Annual Examination	

Subject: Chemistry**Class- VIII**

✚ Book Prescribed :- Illustrative Science

✚ Publication :- Goyal Brothers Prakashan

Months	T.D.	Chapters/Unit	Project/Activities/Lab
April	21	❖ Chapter – 1 Exploring the investigative world of science	1) To demonstrate that air has weight and hence possesses mass
May	22	❖ Chapter – 1 Exploring the investigative world of science	2) To demonstrate that liquids do not change their volume when compressive forces are applied.
		P.T – I Examination	
June	08	❖ Chapter – 7 Particulate nature of matter	
July	27	❖ Chapter – 7 Particulate nature of matter	2) To observe the formation of a homogenous mixture. 3) To observe the characteristics of heterogeneous mixtures
August	23	Chapter – 7 Particulate nature of matter	4) To investigate the difference between mixtures and compounds
		Half-Yearly Examination	
Sept.	18	Chapter – 8 Nature of Matter : Element and Compound	
Oct.	21	Chapter – 8 Nature of Matter : Element and Compound	5) To demonstrate materials conductivity.
Nov.	14	Chapter – 8 Nature of Matter : Element and Compound	6) To observe displacement reaction.
		P.T – II Examination	
Dec.	19	Chapter – 9 The amazing world of solutes solvents and solutions	7) To observe burning of Magnesium.
Jan.	23	Chapter – 9 The amazing world of solutes solvents and solutions	
Feb.	17	Chapter – 9 The amazing world of solutes solvents and solutions
March	07	Annual Examination	

Subject: Biology**Class- VIII**

Book Prescribed :- Illustrative Science


Publication :- Goyal Brothers Prakashan

Months	T.D.	Chapters/Unit	Topics	Practical/ Project
April	21	Crop Production & Management	Agriculture practices, tools ,irrigation, Fertilizers	Diagram + Class test
May	22	Microorganisms : Friend and Foe	Types of microorganisms, uses. Harmful effects	Worksheet + Activity
P.T – I Examination				
June	08	Microorganisms (Contd.)	Food preservation, nitrogen cycle, antibiotics	Unit test
July	27	Conservation of Plants and Animals	Deforestation, wildlife conservation, national parks	Project Work
August	23	Cell-Structure and Functions	Cell Structure, organelles, plant vs animal cell	Diagram + MCQ
Sept.	18	Half-Yearly Examination	Chapters Covered till August	Half Yearly
Oct.	21	Reproduction in Animals	Modes of reproduction, reproductive system	Case- Based questions
Nov.	14	Reaching the Age of Adolescence	Hormones, puberty changes, health	Activity + Test
Dec.	19	Pollution of Air and Water	Air pollution, water pollution, control measures	Assignment
P.T – II Examination				
Jan.	23	Light / Sound (Integration topics)	Basic concepts (interdisciplinary science)	Sample papers
Feb.	17	Full Revision	Complete Syllabus revision	Mock tests
March	06	Annual Examination	Final Revision	Annual Exam

Subjects :-Maths

Class- VIII

 **Book Prescribed :- Next Step Mathematics**

 **Publication :- Viva Education**

Months	T.D.	Chapter/Topic	Project/Activities/Lab
April	21	❖ Chapter – 1 A square and A cube	Srinivasa Ramanujan
May	22	❖ Chapter – 2 Power Play	Square and cubes of number from 1 to 50 on chart paper
		❖ Chapter – 3 A Story of Numbers	
		PT – I Examination	
June	08	❖ Chapter – 3 A story of Numbers	Historical context of numbers
July	27	❖ Chapter – 4 Quadrilaterals	Types of quadrilateral
		❖ Chapter – 5 Number play	
August	23	❖ Chapter – 6 We distribute, yet things multiply	Divisibility rules Understanding, Identities
		❖ Chapter – 7 Proportional Reasoning – 1	
Sept.	18	Half-Yearly Examination	Geometrically
Oct.	21	❖ Chapter – 1 Fraction in Disguise	Maths lab activity
		❖ Chapter – 2 The Baudhayana – Pythagoras Themes	
Nov.	14	❖ Chapter – 2 The Baudhayana – Pythagoras Themes	Lab Activity P No -03
		❖ Chapter – 3 Proportional Reasoning – 2	
Dec.	19	❖ Chapter – 4 Exploring some geometric themes	Maths Lab activity Page no – 40,41,47 Case study Page no – 72, 99
		P.T – II Examination	
		❖ Chapter – 5 Tales by Dots and Lines	
Jan.	23	❖ Chapter – 05 Tales by Dots and Lines	Activity Page no - 116
		❖ Chapter – 6 Algebra Play	
Feb.	17	❖ Chapter – 6 Algebra Play	Activity. Page no – 145, 169, 170
		❖ Chapter – 7 Perimeter and Area	
March	06	Annual Examination

Subject: English

Class- VIII

✚ Book Prescribed :- Poorvi

✚ Publication – NCERT

Months	T.D.	Book/ Area	Unit / Chapter	Activities
April	21	Poorvi Grammar: Writing	<ul style="list-style-type: none"> ❖ The Wit that Won Hearts ➤ Parts of Speech ▪ Paragraph Writing 	Role play, Extempore
May	22	Poorvi Grammar: Writing	<ul style="list-style-type: none"> ❖ A Concrete Example + Revision ➤ Tense ▪ Essay Writing 	Debate, Spell check
			P.T – I Examination	
June	08	Poorvi Grammar Writing	<ul style="list-style-type: none"> ❖ Wisdom Paves the Way + PTM ➤ Articles ▪ Notice Writing 	Speech
July	27	Poorvi Grammar Writing	<ul style="list-style-type: none"> ❖ Wisdom Paves the way ➤ Modals ▪ Application writing 	Poster making
August	23	Poorvi Grammar Writing	<ul style="list-style-type: none"> ❖ A Tale of Valour ➤ Voice ▪ Article Writing 	Skit, Speech
Sept.	18	Poorvi Grammar Writing	<ul style="list-style-type: none"> ❖ Somebody's Mother + Rev ➤ Adjectives ▪ Report Writing 	Recitation
			Half-Yearly Examination	
Oct.	21	Poorvi Grammar Writing	<ul style="list-style-type: none"> ❖ Verghese Kurien ➤ Direct-Indirect ▪ Editorial Writing 	Debate
Nov.	14	Poorvi Grammar Writing	<ul style="list-style-type: none"> ❖ Case of Fifth Word ➤ Prepositions ▪ Advertisement 	Group discussion

Dec.	19	Poorvi Grammar Writing	<ul style="list-style-type: none"> ❖ Magic Brush + PT – II ➤ Sentences ▪ Poster writing 	Storytelling
		P.T – II Examination		
Jan.	23	Poorvi Grammar Writing	<ul style="list-style-type: none"> ❖ Spectacular Wonders ❖ Cherry Tree + Harvest Hymm ➤ Clauses ➤ Editing ▪ Article Report ▪ Notes Making 	Project Poster
Feb.	17	Poorvi	<ul style="list-style-type: none"> ❖ Waiting for the Rain ➤ Revision ▪ Full Practice 	Worksheets
March	06	Annual Examination		

विषय –(हिन्दी)

कक्षा – अष्टमी

✚ किताब :- मल्हार

✚ प्रकाशन – एन0 सी0 आर0 टी0

✚ (व्याकरण – आधुनिक हिन्दी व्याकरण)

✚ प्रकाशन – भारती भवन

महीना	कार्य दिवस	पाठ का नाम प्रथम सावधिक परीक्षा	व्याकरण	निबंध	परियोजना कार्य
अप्रैल	21	अध्याय – 1 स्वदेश अध्याय – 2 दो गौरैया बस की यात्रा	व्याकरण– वर्ण विज्ञान,	निबंध, पत्र	चार्टपत्र पर वसंत ऋतु का चित्रांकण
मई	22	अध्याय – 3 एक आशीर्वाद	व्याकरण – शब्द विचार, कारक	पत्र, निबंध	चार्ट पत्र पर वर्ण विचार को दर्शाना
			प्रथम साविधिक परीक्षा		
जून	08		अशुद्धि संशोधन श्रुतलेख ।		
जुलाई	27	अध्याय – 4 हरिद्वार अध्याय – 5 कबीर के दोहे	व्याकरण संज्ञा, सर्वनाम, विलोम शब्द पर्यायाची	पत्र निबंध	
अगस्त	23	अध्याय – 6 एक टोकरी भर मिट्टी प्रश्नोत्तर सहित	व्याकरण – कारक, अव्यय	पत्र, निबंध	प्रदूषण पर परियोजना कार्य ।
सितम्बर	14	अध्याय – 7 मत बाँधो कविता	पठित व्याकरण का अभ्यास, सन्धि (स्वर)		
			अर्धवार्षिक परीक्षा		
अक्टूबर	21	अध्याय – 8 नए मेहमान	व्याकरण – शब्द शुद्धीकरण सन्धि व्यंजन		
नवंबर	14	अध्याय – 9 आदमी का अनुपात	व्याकरण – प्रत्यय एवं उपसर्ग से शब्द निर्माण	पत्र, निबंध	हरिआली और वन्य प्राणीमें सम्बन्ध पर चित्र निर्माण कर प्रस्तुति ।

दिसंबर	19	अध्याय – 10 तरुण के स्वप्न ।	व्याकरण की पुनरावृत्ति		
		द्वितीया सावधिक परीक्षा			
जनवरी	23	पुनरावृत्ति कार्य	पुनरावृत्ति		आचार्य जानकी वल्लभ शास्त्री की 'बादल' कविता लिखकर उनका फोटो के साथ परिचय
फरवरी	17	व्याकरण पुनरावृत्ति ,			
मार्च	06	वार्षिक परीक्षा			

विषय –(संस्कृतम्)

कक्षा – अष्टमी

✚ पुस्तकम् :- दीपकम् तृतीयो भागः

✚ प्रकाशनः – एन० सी० ई० आर० टी०

✚ (कार्यपुस्तिका – दीपकम् संस्कृत –कार्यपुस्तिका

✚ प्रकाशन – रचना सागर प्रा० लि०

मासाः	कार्य दिवसाः	पाठस्य नाम	गतिविधयः
अप्रैल	21	❖ पाठः – 1 (दीपकम् +कार्यपुस्तिका) ❖ व्याकरणम् – शब्दरूपाणि, धातुरूपाणि च ।	➤ श्लोकानाम् लेखनम् वाचनम् च ।
मई	22	❖ पाठः – 2 दीपकम् +कार्यपुस्तिका) अपठितः गद्यांशः, पत्रलेखनम्, अनुवादाः च । प्रथम सावधिकी परीक्षा	➤ कथावाचनम् लेखनम् च ।
जून	08	❖ पाठः – 3 दीपकम् +कार्यपुस्तिका) ❖ व्याकरणम् – वर्णपरिचयः, अनुवादाः परीक्षाकृते अभ्यासः ।	➤ शब्दरूपाणां धातुरूपाणां च चार्ट पत्रे लेखनम्
जुलाई	27	❖ पाठः – 4, 5 (दीपकम् +कार्यपुस्तिका) व्याकरणम् – शब्दरूपाणां धातुरूपाणां च वाक्येषु प्रयोगाः (नियमाः) ।	➤ क्वीज संस्कृत-पदानाम् ।
अगस्त	23	❖ पाठः – 6 (दीपकम् +कार्यपुस्तिका) व्याकरणम् – कारक-उपपद, संख्यावाचक शब्दाः, ❖ अपठित-गद्यांशः, पत्र लेखनम्	➤ श्लोकानाम् अर्थलेखनम्, वाचनम् च ।
सितम्बर	18	❖ अर्धवार्षिकी परीक्षा कृते अभ्यासः ❖ पाठः – 7 (दीपकम् + कार्यपुस्तिका) ❖ व्याकरणम् – शब्दरूपाणि, धातुरूपाणि अर्धवार्षिकी परीक्षा	➤ शब्दार्थाधारिताः (क्वीज) ।
अक्टूबर	21	❖ पाठ – 8, 9 (दीपकम् + कार्यपुस्तिका) ❖ व्याकरणम् – सर्वनामशब्दाः(प्रयोगाः), अनुवादाःच ।	➤ सर्वनामशब्दानां लेखनम् वाचनम् च ।
नवंबर	14	❖ पाठ- 10 (दीपकम् + कार्यपुस्तिका) व्याकरणम् – सर्वनामशब्दानां संख्या शब्दानां प्रयोगा , सन्धिः (स्वरभेदाः) प्रयोगाः, परीक्षाकृते अभ्यासः ।	➤ कथालेखनम् वाचनम् च ।
दिसंबर	19	❖ पाठ : – 11,12 (दीपकम् +कार्यपुस्तिका) ❖ व्याकरण – अपठित-गद्यांशः, पत्र लेखनम् अनुवादः, अभ्यासः । द्वितीय आवधिक परीक्षा	➤ महापुरुषाणां, जीवन-परिचयः ।
जनवरी	23	❖ पाठ : – 13 (दीपकम् + कार्यपुस्तिका) ❖ व्याकरणम् – अपठित-गद्यांशः, पत्रलेखनम् अनुवादाः ।	➤ शिक्षाप्रद श्लोकानाम् वाचनम् (अर्थसहितम्)
फरवरी	17	वार्षिकी परीक्षाकृते अभ्यासः (पाठ्यक्रमानुसारेण)	
मार्च	06	वार्षिकी परीक्षा :	

Subject: Social Science**Class- VIII**
 **Book Prescribed :- Exploring Society India & Beyond**
 **Publication :- NCERT**

Months	T.D.	Chapters/Unit	Project/Activities/Lab
April	21	1. Natural Resources 2. Universal Adult Franchise	Discussion on U.A.F. among Students
May	22	3. Reshaping Indian's Political Map. 4. Factors of Production	Project on Factors of Production
		P.T – I Examination	
June	08	5. Remaining Parts of above mentioned chapters	N. A
July	27	6. The Rise of The Marathas 7. Parliamentary System : Legislature and Executive	Group discussion on legislature and executive
August	23	8. The Colonial Era in India 9. Remaining Parts of Parliamentary system	Differences between parliamentary form and presidential form of democracy
Sept.	18	10. Remainery Parts of the colonial Era in India	N.A
		Half-Yearly Examination	
Oct.	21		
Nov.	14		
Dec.	19		
		P.T – II Examination	
Jan.	23		
Feb.	17		
March	06		
		Annual Examination	

Subject: Urdu**Class- VIII**
 **Book Prescribed :- Gulistan-e-Urdu**
 **Publication :- Amanda**

Months	W.D.	Chapters	Grammar	Essay	Project/Activities
April	21	Chapter – 1 & 3	Passage	My Favourite Book, Letter	Story telling
May	22	Chapter – 3 & 4	Idoms & Synonyms	Letter , Application	Write a hard word on a chart paper
		P.T – I Examination			
June	08				
July	27	Chapter – 5 to 7	Singular / Plural	My Best Friend	Speech about importance of Air
August	23	Chapter – 8 to 10	Application & Letter	Eid-UI- Adha	Write a Biography on Prem Chandra
Sept.	18	Chapter – 11	Essay Letter		
		Half-Yearly Examination			
Oct.	21	Chapter – 12 to 14	Passage Notice	Ramzan	Spelling compition
Nov.	14	Chapter – 15	Sing/ Plural	Essay	Group discussion
Dec.	19	Chapter – 16	Unseen Passage		Essay compition
		P.T – II Examination			
Jan.	23	Idoms	Verb, Synonyms		
Feb.	17	Revision and Annual Exam		Notice, Letter	
March	06	Annual Examination			