



Dolphin Public School

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

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

[Syllabus 2026-27]

Subject: Artificial Intelligence

Class- IX

✚ Book Prescribed :- Artificial Intelligence

✚ Publication :- Arihant

Months	T.D.	Chapters/Unit	Project/Activities/Lab
April	21	(Chapter -3) [Part A] ICT Skills – I <ul style="list-style-type: none">• Information and communication Technology• ICT tools• Basic component of a computer system• Hardware and software• Computer Desktop• Working with Files and Folder• Digital India	Project work on Basic ICT Skill
May	22	(Chapter -1: Communication Skills – I) <ul style="list-style-type: none">• Introduction to communication• Types of communication• Sentences and Paragraphs P.T – I Examination	• Project work on methods of communication skill
June	08	(Chapter -2) : Self Management Skills – I <ul style="list-style-type: none">• Self Management• Strength and weakness analysis• Self-confidence	Project work on Self-Management Skill
July	27	(Chapter -4: Entrepreneurial Skills – I <ul style="list-style-type: none">• What is Entrepreneurship• Qualities of an Entrepreneur• Entrepreneurship Development Process	• Project work on Entrepreneurship skill
August	23	(Chapter -5: Green Skills – I <ul style="list-style-type: none">• Society and Environment• Environmental protection• Sustainable development and Green Economy	• Project work on Green skill
Sept.	18	(Chapter -6: Introduction to Python <ul style="list-style-type: none">• Features of Python• Role of Python in AI• Installing & programming in Python• Data types, Identification• Operators, control structures	Project work on Python

Half-Yearly Examination			
Oct.	21	Chapter -1: AI Reflection, Project Cycle and Ethics <ul style="list-style-type: none"> • History of AI • Task Domains and Types of AI • Advantages and limitations of AI • Data Modelling, Evaluation • Deployment, AI Ethics • 	Project work on AI
Nov.	14	Chapter - 2: Data Literacy (P.T.-II) <ul style="list-style-type: none"> • Data privacy and security • Cybersecurity • Acquiring, processing and interpreting data • Data Acquisition 	Project work on AI
Dec.	19	Chapter -3: Mathematics for AI <ul style="list-style-type: none"> • Role of Mathematics in AI Development • Numerical Data Types • Probability • Case studies • Application of statistics0 	Project work on AI
P.T – II Examination			
Jan.	23	Chapter 4: Introduction to Generative AI <ul style="list-style-type: none"> • Importance of Generative AI • GAN Paint • Generative of AI tool • Future trend in Generative AI • Conventional and Generative AI 	Project work on Python
Feb.	17	Revision	Project work on Python
March	08	Annual Examination	Annual Examination

Subject: Physics

Class- IX

Book Prescribed :- S Chand

Publication :- N.C.E.R.T

Months	T.D.	Chapters/Unit	Project/Activities/Lab
April	21	Chapter – 1 Motion	
May	22	Displacement, Velocity, Acceleration, Equation of motion, Graphs.	To Know the distance between two cities and compare it with displacement
		P.T – I Examination	
June	08	Chapter – 2 Force and Laws of motion	Experiment to show inertia of objects
July	27	Balanced and un balance forces	Show inertia of objects
August	23	Force of Friction.	
Sept.	18	1 st , 2 nd and 3 rd law of motion. Conservation of v momentum.	To establish the relationship between loss in weight of a solid in tap water.
		Half-Yearly Examination	
Oct.	21	Work Energy and simple machine	To verify the law of reflection of sound
Nov.	14	Power	
Dec.	19	Chapter – 4 Sound, Production of sound , Reflection of Sound.	To find the density of solid by water displacement method.
		P.T – II Examination	
Jan.	23	Earth as a system	To deter mine the speed of a pulse.
Feb.	17	Energy. Matter and life	Drop a gater throw a slinky.
March	06	Annual Examination	

Subject: Biology**Class- IX**
 **Book Prescribed :- Biology IX**
 **Publication :- NCERT**

Months	T.D.	Chapters/Topic	Key Contents	Practical/Project
April	21	The Fundamental Unit of Life	Cell theory, Prokaryotic & Eukaryotic cells, Cell organelles, Osmosis	Diagram Practice + Class test
May	22	Tissues (Part 1)	Plant tissues : Meristematic & Permanent, Simple tissues	Worksheet + Oral test
		P.T – I Examination		
June	08	Tissues (Part – 2)	Complex tissues (Xylem, Phloem), Animals tissues	Unit test + Diagram Practice
July	27	Diversity in Living Organisms	Classification, Five kingdom system, Taxonomy	MCQ test + Project work
August	23	Why Do We Fall ill?	Health vs disease, Type of disease, Immunity, Prevention	Case – Based questions + Test
Sept.	18	Half-Yearly Examination	Chapters 1 – 4 revision	Half Yearly
Oct.	21	Natural Resources	Air, Water Soil, Biogeochemical cycles	Diagram + Assignment
Nov.	14	Improvement in Food Resources	Crop production, Manures, Animals husbandry	Practical activity + Test
Dec.	19	Syllabus Completion	Remaining topics + NCERT questions	Pre – board test
		P.T – II Examination		
Jan.	23	Full Revision	Complete Syllabus revision	Sample papers
Feb.	17	Full Preparation	Important questions, Diagrams, Weak areas	Weekly mock test
March	06	Annual Examination	Final Revision	Annual Exam

Subject: Mathematics
Text Book – (i) Ganit Mantra
Publication - (NCERT)

Class- IX

Ref Book - (ii) R.S Agarwal
(iii) Saraswati Activity Manual Mathematics – 9

Months	T.D.	Topic to be taught	Project/Activities/
April	21	Chapter-01 - Orienting Yourself: The use of Coordinates	To understand the use of coordinates
May	22	Chapter -01 - Orienting Yourself: The use of Coordinates Chapter -02 - Introduction to Linear Polynomials	To factorise a quadratic expression $ax^2 + bx + c$
		P.T – I Examination	
June	08	Chapter -03 - The World of Numbers	
July	27	Chapter -04 - Exploring Algebraic Identities Chapter -05 - I'm Up and Down, and Round and Round	
August	23	Chapter -06 - Measuring Space: Perimeter and Area Chapter -07 - The Mathematics of Maybe: Introduction to Probability	Activity related to probability
Sept.	18	Chapter -08 - Predicting What Comes Next: Exploring Sequences and Progression	
		Half-Yearly Examination	
Oct.	21		
Nov.	14		To verify the mid point Theorem experimentally
		P.T – II Examination	
Dec.	19		
Jan.	23		Activity Related to Probability
Feb.	17	
March	06	Annual Examination	

Subject: Chemistry

Class- IX

✚ Book Prescribed :- NCERT SCIENCE

✚ Publication :- NCERT

Months	T.D.	Chapters/Unit	Project/Activities/Lab
April	21	Chapter : 1 Matter in Our Surrounding	<ul style="list-style-type: none">• Introduction to chemistry lab
May	22	Chapter – 1 Matter in Our Surrounding	<ul style="list-style-type: none">• To Prepare a true solution
		P.T – I Examination	
June	08	Chapter – 2 Is matter Around us Pure?	To prepare Suspension.
July	27	Chapter – 2 Is matter around us pure ?	To Prepare Colloidal solution:
August	23	Chapter – 2 Is matter around us pure ?	
Sept.	18		
		Half-Yearly Examination	
Oct.	21	Chapter – 3 Atoms and Molecules	To Prepare a mixture of Iron filings and sulphur.
Nov.	14	Chapter – 3 Atoms and Molecules	
Dec.	19	Chapter – 4 Atoms and Molecules	To Study reaction between copper with iron
		P.T – II Examination	
Jan.	23	Chapter – 4 Atoms and Molecules	To Study reaction when Magnesium ribbon burn in air.
Feb.	17	Chapter – 13 Earth as a system [NCERT]	To determine melting point of ice.
March	06	Annual Examination	To determine boiling Point of water

Subject: English

Class- IX

+ Book : (i) Beehive (ii) Moments

+ Publication :- NCERT

Months	T.D.	Book/ Area	Unit / Chapter	Activities
April	21	Poorvi Grammar: Writing	<ul style="list-style-type: none"> ❖ How I Taught My Grandmother to Read, ❖ The Fun They Had, ❖ The Road Not Taken ➤ Parts of Speech ➤ Present Tense • Paragraph Writing • Informal Letter 	Reading Activity, Paragraph Competition
May	22	Poorvi Grammar: Writing	<ul style="list-style-type: none"> ❖ Wind, The Little Girl ➤ Past & Future Tense, ➤ S-V Agreement Story Writing, Diary Entry	Debate, Spell check
P.T – I Examination				
June	08	Poorvi Grammar Writing	A Truly Beautiful Mind Modals Message Writing Vocabulary Activity	Speech
July	27	Poorvi Grammar Writing	The Snake and the Mirror, My Childhood, Rain on the Roof Voice (Intro)	Descriptive Paragraph Speaking Activity
August	23	Poorvi Grammar Writing	Packing, The Lake Isle of Innisfree Voice (Advanced), Reported Speech (Intro) Formal Letter	Debate, Speech Activity
Sept.	18	Poorvi Grammar Writing	Revision (All Chapters) Tenses, Voice, Modals (Revision) Letter & Paragraph	
Half-Yearly Examination				
Oct.	21	Poorvi Grammar Writing	Reach for the Top, A Legend of the Northland Reported Speech Article Writing	Essay Competition
Nov.	14	Poorvi Grammar Writing	The Bond of Love Clauses (Noun Clause)	Notice Writing Project Work

Dec.	19	Poorvi Grammar Writing	No Men Are Foreign, On Killing a Tree Clauses (Adj & Adv) Speech Writing	Storytelling
P.T – II Examination				
Jan.	23	Poorvi Grammar Writing	Kathmandu, A Slumber Did My Spirit Seal Grammar Practice Writing Revision	Project Poster
Feb.	17	Poorvi	Full Revision Full Revision Practice Papers	Board Practice, Mock Tests
March	06	Annual Examination		

✚ किताब :- गंगा

✚ मानक हिन्दी व्याकरण

✚ प्रकाशन – सरस्वती पब्लिकेशन

महीना	कार्य दिवस	पाठ का नाम	व्याकरण	निबंध/पत्र	गतिविधि
अप्रैल	21	<ul style="list-style-type: none"> ❖ गंगा –1 गद्य खण्ड पाठ – 1 दो बैलों की कथा पाठ – 2 क्या-लिखूँ ❖ गंगा पद्य खण्ड – पाठ – 8 कबीर साखियाँ 	उपसर्ग प्रत्यय, वाक्य,	आवेदन-पत्र । अनौपचारिक पत्र	पठित पाठों का प्रश्नोत्तर (1) वाद-विवाद विषय-जानवरों/पक्षियों को पालतु बनाना उचित है। (2) वन्य प्राणियों के संरक्षण के लिए क्या-क्या किए जा सकते हैं?
मई	22	<ul style="list-style-type: none"> ❖ गंगा गद्य खण्ड पाठ – 3 संवादहीन ❖ गंगा- पद्य खण्ड पाठ – 9 	अलंकार, समास	निबंध, संवाद लेखन पत्र, औपचारिक पत्र	पठित पाठों का प्रश्नोत्तर । (1) पशुओं की विशेषताओं से सम्बन्धित कार्य-प्रपत्र ।
प्रथम सावधिक परीक्षा					
जून	08	<ul style="list-style-type: none"> ❖ पठित पाठों की पुनरावृत्ति । 			(4) कश्मीर के झरोखें से वाचन एवं लेखन ।
जुलाई	27	<ul style="list-style-type: none"> ❖ गंगा गद्य खण्ड – पाठ – 4 ऐसी भी बातें होती है। ❖ गंगा पद्य खण्ड पाठ – 11 झाँसी की रानी 	उपसर्ग, प्रत्यय सन्धि	निबंध, पत्र, आवेदन पत्र ।	पठित पाठों का प्रश्नोत्तर । (1) रसखान के सवैयों का मधुर वाचन। (2) कृष्ण जीवन से सम्बन्धित अन्त कथाएँ
अगस्त	23	<ul style="list-style-type: none"> ❖ गंगा गद्य खण्ड पाठ – 5 आखिरी चट्टान ❖ गंगा पद्य खण्ड पाठ – 12 घर की याद 	समास, वाक्य, का अभ्यास, अलंकार,	❖ निबंध, पत्र संवाद लेखन	पठित पाठों का प्रश्नोत्तर एवं व्याकरण खण्डों की पुनरावृत्ति । (1) प्रसिद्ध स्वतंत्रता सेनानियों का परिचय (2) गाँव से शहर की ओर पलायन सहीं है। (वाद-विवाद)
सितम्बर	18	<ul style="list-style-type: none"> ❖ पठित पाठों की पुनरावृत्ति 			(3) स्त्रियों को विवाह के

		अर्द्धवार्षिक परीक्षा			बाद उपनाम बदल लेना चाहिए। (वाद-विवाद)
अक्टूबर	23	<ul style="list-style-type: none"> ❖ गंगा गद्य खण्ड पाठ – 6 रीढ़ की हड्डी पाठ – ग्राम श्री ❖ व्याकरण – 	अलंकार- अनुप्रास यमक, उपमा, रूपक		(1) वाद-विवाद-लड़कियों की उच्च शिक्षा विवाह में बाधक ।
नवंबर	21	<ul style="list-style-type: none"> ❖ गंगा – पाठ – 6 रीढ़ की हड्डी 	वाक्य भेद अर्थ की दृष्टि से ।	अलंकार पर अभ्यास	वाद-विवाद विषय-लड़किया के प्रति भेद-भाव समाज की उन्नति में बाधक । 'अतिथि देवो भव- की प्रासंगिकता ।
दिसंबर	19	<ul style="list-style-type: none"> ❖ पठित पाठों की पुनरावृत्ति । ❖ गंगा गद्य भाग – पाठ – 7 मैं और मेरा देश ❖ पाठ – 12 तब याद तुम्हारी आती है । 	व्याकरण खण्डों की पुनरावृत्ति समास पर अभ्यास		किसी पशु-पक्षी से बातचीत का संवाद लेखन । हिन्दी साहित्य के साहित्यकारों का चित्र संग्रह ।
		द्वितीया सावधिक परीक्षा			
जनवरी	23		पुनरावृत्ति चिह्न, मुहावरे, उपसर्ग प्रत्यय		बचपन पर आधारित स्वरचित कविता का वाचन
फरवरी	17	निबंध – विचारात्मक निबंध-राष्ट्रभाषा, देशभक्ति पुनरावृत्ति कार्य			ऐसी है मेरी माँ। वाचन एवं लेखन ।
मार्च	06	वार्षिक परीक्षा			

- ✚ पुस्तकम् :- शारदा प्रथमो भागः
- ✚ प्रकाशन – एन0सी0ई0 आर0 टी0
- ✚ (व्याकरण – संस्कृत- मणिका-व्याकरण)
- ✚ प्रकाशन – सरस्वती हाउस

मासाः	कार्य दिवसाः	पाठस्य नाम	गतिविधयः
अप्रैल	21	<ul style="list-style-type: none"> ❖ पाठः – 1 (पाठस्य पाठनम् अभ्यासकार्यम् च) ❖ व्याकरणम् – स्वरसन्धिः (सर्वे नियमाः) ❖ शब्दरूपाणि (संज्ञा, सर्वनाम), प्रयोगः । ❖ उच्चारस्थानानि 	➤ श्लोकानाम् लेखनम् वाचनम् च ।
मई	22	<ul style="list-style-type: none"> ❖ पाठः – 2 (पाठस्य पाठनम् अभ्यासकार्यम् च) ❖ व्याकरणम् – धातुरूपाणि (तेषां वाक्येषु प्रयोगाः, समासः) 	➤ कथावाचनम् लेखनम् च ।
		प्रथम सावधिकी परीक्षा	
जून	08	<ul style="list-style-type: none"> ❖ पाठः – 3 (पाठस्य पाठनम् अभ्यासकार्यम् च) ❖ व्याकरणम् – (कारक-उपपद-विभक्तयः) ❖ द्वितीयातः – चतुर्थी पर्यन्तम् (नियमाः) 	➤ शब्दरूपाणां , धातुरूपाणां च लेखनम् ।
जुलाई	27	<ul style="list-style-type: none"> ❖ पाठः – 4 (पाठस्य पाठनम् अभ्यासकार्यम् च) ❖ व्याकरणम् – प्रत्ययाः (क्त्वा, तुमुन्, ल्यप्) ❖ अपठित अवबोधनम् , पत्र लेखनम्, समासः 	➤ कवीज संस्कृत पदानाम्
अगस्त	23	<ul style="list-style-type: none"> ❖ पाठः – 5 (पाठस्य पाठनम् अभ्यासकार्यम् च) ❖ व्याकरणम् – संख्या (1 – 100) संख्यापदानां प्रयोगाः, परीक्षाकृते अभ्यासः ❖ अनुवादाः , चित्रवर्णनम् 	➤ श्लोकानाम् वाचनं लेखनं च ।
सितम्बर	18	<ul style="list-style-type: none"> ❖ पाठः – 6 (पाठस्य पाठनम् अभ्यासकार्यम् च) ❖ व्याकरणम् – अनुवादाः, शेष प्रत्ययाः क्तवतु, शतृ, शानच् । 	➤ शब्दार्थाधारिताः (कवीज)
		अर्द्धवाषिकी परीक्षा	
अक्टूबर	21	<ul style="list-style-type: none"> ❖ पाठ – 7 (पाठस्य पाठनम् अभ्यासकार्यम् च) ❖ व्यंजनसन्धिः- विसर्ग सन्धिः (नियमाः) 	➤ सर्वनामशब्दानां लेखनम् वाचनम् च ।
नवंबर	14	<ul style="list-style-type: none"> ❖ पाठ- 8 (पाठस्य पाठनम् अभ्यासकार्यम् च) ❖ व्याकरणम् – कारक-उपपद-विभक्तयः ❖ पंचमीतः सप्तमीपर्यन्तम्, उपसर्गाः 	➤ संस्कृत-कविपरिचयः कथालेखनं च ।
दिसंबर	19	<ul style="list-style-type: none"> ❖ पाठ – 9,10 (पाठस्य पाठनम् अभ्यासकार्यम् च) ❖ व्याकरणम् – अव्ययपदानि उपसर्गाः (प्रयोगाः) ❖ अनुवादाः अभ्यासः 	➤ संस्कृत-कविपरिचयः कथालेखनं च ।
		द्वितीय आवधिक परीक्षा	
जनवरी	23	<ul style="list-style-type: none"> ❖ पाठ : – 11 ❖ (पाठस्य पाठनम् अभ्यासकार्यम् च) ❖ व्याकरण भागस्य अभ्यासः । 	➤ शिक्षाप्रद श्लोकानाम् वाचनम्
फरवरी	17	वार्षिकी परीक्षाकृते सम्पूर्ण – पाठ्यक्रमानुसारेण अभ्यासः	
मार्च	06	वार्षिकी परीक्षा	

