



Dolphin Public School

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

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

[Syllabus 2025-26]

Subject: Computer Science

Class- VII

+ Book Prescribed :- Bits to Brains (VER.2.0)

+ Publication :- Avartan

Months	T.D.	Chapters/Unit	Project/Activities/Lab
April	21	1. Number Systems <ul style="list-style-type: none"> Decimal Number System Binary Number System Octal Number system Hexadecimal Number System Conversion in Number systems Computer Arithmetic 	Conversion in number system
May	15	2. Functions in Excel <ul style="list-style-type: none"> Cell Address and Cell Reference Calculation in Excel Functions (Sum, Product, Quotient, Power, Max, Min Count, and Average) 	Lab based on MS-Excel
		P.T – I Examination	
June	05	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 Data Filtering Data Conditional Formatting Charts 	Lab Based on MS- Excel
August	15	4. Introduction to CSS <ul style="list-style-type: none"> Purpose of CSS Different Methods of Applying CSS Using the Inline Style 	Lab Based on CSS
Sept.	12	4. Introduction to CSS <ul style="list-style-type: none"> Using Font, Background, Text, Border, and Margin Properties 	Lab Based on CSS
		Half-Yearly Examination	
Oct.	13	5. Introduction to Python <ul style="list-style-type: none"> Python : A Programming Language Interpreter and Computer Downloading and installing python Integrated Development and Learning Environment (IDLE) Modes of python – Interactive Mode and Script Mode Keyboard, Variables and Data Types The Assignment Operator 	Lab Based on Python

Nov.	21	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.	15	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.	13	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 	Create a PowerPoint presentation on the topic 'Safe media practices'
Feb.	12	8. Internet Safety <ul style="list-style-type: none"> Safe Social Media Practices Email Courtesy 	Create a poster on the topic 'Netiquette'.
March	09	Annual Examination	

Months	T.D.	Book/ Area	Unit/ Chapter	Hands-on Skills/ Activities	Values/ Life Skills	Integrated Teaching
April	21	Honeycomb An Alien Hand	Three Questions, The Tiny Teacher	Role-play, Comprehension	Decision Making	History - Rulers
May	15	Honeycomb An Alien Hand	A Gift of Chappals, Bringing Up Kari	Group Discussion	Empathy	Science - Animal Care
			P.T – I Examination			
June	05	Grammar Oxford	Nouns, Pronouns	Worksheet Practice	Grammar Skills	Language Integration
July	27	Honeycomb An Alien Hand	Gopal and the Hilsa Fish. The Invention of Vita- Wonk Golu Grows a Nose	Storytelling	Honesty	Environmental Studies
August	15	Writing Skills Honeycomb	Notice Writing, Letter Writing A Homage to our Brave Soldiers	Hands-on Writing	Communication	Practical Writing
Sept.	12	Honeycomb An Alien Hand	Quality, Expert Detectives	Extempore	Perseverance	Business Studies
			Half -Yearly Examination			
Oct.	13	Oxford Grammar	Verbs, Adjectives	Practice Exercises	Sentence Structuring	Creative Writing
Nov.	21	Honeycomb An Alien Hand	The Story of Cricket, Chandni, Bear Story	Quiz	Sportsmanship	Physical Education
Dec.	15	Writing Skills	Essay Writing, Story Writing	Competition	Critical Thinking	Language Skills
			P.T – II Examination			
Jan.	13	Oxford Grammar	Tenses, Prepositions	Worksheet Practice	Accuracy	Integrated Grammar
Feb.	12	Honeycomb An Alien Hand	Fire: Friend and Foe, The Tiger in the House, Meadow The	Debate	Awareness	Science Integration
March	09	Revision	An Alien Hand Complete Syllabus	Mock Test	Self-Evaluation	Exam Readiness
			Annual Examination			

Subjects :-Maths

Class- VII

 **Book Prescribed :- Start up Mathematics .**

 **Publication :- Viva Publication**

Months	T.D.	Chapter/Topic	Project/Activities/Lab
April	21	Chapter – 1 Integers	To Learn integers and its operation
May	15	Chapter – 2 Fractions Chapter – 3 Decimal	Integrated learning
		PT – I Examination	
June	05	Chapter – 15 Visualising Solid Shapes	Activities relating to making
July	27	Chapter – 4 Rational no. Chapter – 5 Exponents and powers	Shapes of Solid, To learn operations To learn its formula
August	15	Chapter – 6 Algebraic Expressions Chapter – 7 Liner Equation in one variable	To verify same identities
Sept.	12	Chapter – 8 Percentage and its applications	To complete % and its uses in daily life.
		Half -yearly Examination	
Oct.	13	Chapter – 9 Lines and angles Chapter – 10 Properties of triangles	To construct lines and angles
Nov.	21	Chapter – 11 Congruence of Triangles Chapter – 12 Constructions	To learn it by using different shapes
Dec.	15	Chapter – 13 Reflection and Rotational symmetry	Integrated learning
		PT – II examination	
Jan.	13	Chapter – 14 Perimeter and Area	To find area of different shapes
Feb.	12	Chapter – 16 Data Handling Chapter – 17 Probability	
March	09	Annual Examination”	

Months	T.D.	Chapters/Unit	Project/Activities/Lab
April	21	(i) Bio – Ch – 1 • [Nutrition in Plants and Animals] (ii) Physics – Ch – 5 • [Density and Floatation]	(i) To show that chlorophyll is necessary for photosynthesis (ii) To show that CO ₂ is necessary for photosynthesis
May	15	(i) Bio – Ch – 2 • [Diversity of Food] (ii) Chemistry – Ch – 3 • [Elements and Components] (iii) Physics – Ch – 5 • [Density] P.T – I Examination	(i) To Learn about Seasonal Fruits in India their fruits in India their availability and health benefits. (i) To learn whether and object will float and sink.
June	05	(iii) Physics – Ch – 2 • [Diversity of food]	
July	27	(i) Bio – Ch – 6 • [Transportation in Animals] (ii) Chemistry – Ch – 7 • [Acids] (iii) Physics – Ch – 4 • [Physical and Chemical Changes]	(i) To demonstrate Floatation of an object. (ii) Litmus test of acids.
August	15	(i) Bio – Ch – 6 • [Transportation in Animals] (ii) Chemistry – Ch – 7 • [Bases] (iii) Physics – Ch – 8 [Time and Motion]	(i) To demonstrate the movement of water between the cells.
Sept.	12	(ii) Chemistry – Ch – 7 • [Salts] Half- Yearly Examination	(i) To prepare salt by displacement rxn ^h
Oct.	13	(i) Bio – Ch – 9 • [Adolescence]	(i) Making report on chart paper of nutritional needs during adolescence
Nov.	21	(iii) Physics – Ch – 11 • [Light Plane Mirror]	(i) Reflection through plane mirror
Dec.	15	(iii) Physics – Ch – 11 Light • [Spherical Mirror] (i) Bio – Ch – 10 • [Plant Reproduction Asexual Mode) P.T – II Examination	(i) Use of concave and convex mirror/ application (ii) Study of amoeba
Jan.	13	(iii) Physics – Ch – 11 • Light (Lenses) (i) Bio – Ch – 10 • Plant Reproduction [Sexual Mode]	Refraction through lenses
Feb.	12	(iii) Physics – Ch – 12 • Electricity and circuit	Making electric circuit
March	09	Annual Examination	

Subjects :- Social Science**Class- VII****Book Prescribed :- Awareness Social Studies****Publication :- S. Chand**

Months	T.D.	Chapter/Topic	Project/Activities/Lab
April	21	Chapter – 1 <ul style="list-style-type: none"> [When, Where and How] Chapter – 2 <ul style="list-style-type: none"> [Environment] Chapter – 3 <ul style="list-style-type: none"> [Understanding Inequalities in Indian Democracy] 	Painting of the Social reformers who played important Role to eradicate Inequalities
May	15	Chapter – 4 <ul style="list-style-type: none"> [New kings and Kingdoms] Chapter – 5 <ul style="list-style-type: none"> [Inside our Earth] Chapter – 6 <ul style="list-style-type: none"> [State Government] 	Discussion on the formation (G.D)
		PT-I Examination	
June	05	Chapter – 7 <ul style="list-style-type: none"> [Remaining Part of State govt.] 	
July	27	Chapter – 8 <ul style="list-style-type: none"> [Sultans of Delhi] Chapter – 9 <ul style="list-style-type: none"> [Our Changing Earth] Chapter – 10 <ul style="list-style-type: none"> [The Mughal Empire] 	Book based Activities
August	15	Chapter – 11 <ul style="list-style-type: none"> [Remaining Part of Mughal Empire] Chapter - 12 <ul style="list-style-type: none"> [Religious Beliefs Bhakti and Sufi Movements] 	Book based Activities
Sept.	12	Chapter – 13 <ul style="list-style-type: none"> [Role of the government in Health] Chapter – 14 <ul style="list-style-type: none"> [Air and Atmosphere] 	Book based Activities
		Half- Yearly Examination	
Oct.	13	Chapter – 15 <ul style="list-style-type: none"> [Reaming Part of Air and Atmosphere] Chapter – 16 <ul style="list-style-type: none"> [The growth of Regional culture] 	Importance of Air in the Earth. Group discussion.
Nov.	21	Chapter – 17 <ul style="list-style-type: none"> [Understanding Genders] Chapter – 18 <ul style="list-style-type: none"> [Remaining Part f Regional Culture] Chapter – 19 <ul style="list-style-type: none"> [Temperatures, Pressures and wind] Chapter – 20 <ul style="list-style-type: none"> [Water] 	Book based Activity and Project

Dec.	15	Chapter – 21 <ul style="list-style-type: none"> • [New Political Formations] Chapter – 22 <ul style="list-style-type: none"> • [Reaming Part of Water] Chapter – 23 <ul style="list-style-type: none"> • [Understanding Media] 	Book Based Activities
		P.T – II Examination	
Jan.	13	Chapter – 24 [Tropical and Subtropical] Chapter – 25 [Markets Around us]	Book Based Activities
Feb.	12	Chapter - 26 [Remaining part of markets] Chapter – 27 [Life in the Deserts]	Book Based Activities
March	09	Annual Examination	Practice on The model

विषय –(हिन्दी)

कक्षा – सात

- ✚ किताब :- बंसत भाग – 2 ,
- ✚ प्रकाश :- एन0 सी0 ई0 आर0 टी0
- ✚ व्याकरण – हिन्दी व्याकरण
- ✚ प्रकाशन – रचना प्रकाशन

महीना	कार्य दिवस	पाठ का नाम	व्याकरण	पत्र लेखन	गतिविधि
अप्रैल	21	पाठ – 1, 2 पाठ – 1 हम पंछी उन्मुक्त गगन के पाठ – 2 हिमालय की बेटियाँ	व्याकरण 1 – भाषा, बोली, लिपि और व्याकरण 2. वर्ण – विचार 3. शब्द – विचार	निबंध, पत्र-लेखन, विलोम शब्द पर्यायवाची शब्द	(1) भारत देश में संविधान द्वारा मान्यता प्राप्त भाषाओं की सूची बनाना। (2) पक्षियों को कैद करके नहीं रखना चाहिए। इस विषय पर जानकारी देना।
मई	15	पाठ – 3,4 पाठ – 3 कठपुतली पाठ – 4 मिठाईवाला	व्याकरण – 4,5 (4) संधि 5(क) उपसर्ग (ख) प्रत्यय	अनुच्छेद, एकार्थक प्रतीत होने वाले शब्द, अनेकार्थक शब्द, पत्र-लेखन	(3) एकता में बल है। (4) मिठाईवाले के विषय में स्वयं से कुछ बताना।
प्रथम सावधिक परीक्षा					
जून	05	पाठ – 4 पाठ – 4 मिठाईवाला	व्याकरण – 5 5 (ग) समास मुहावरे		
जुलाई	27	पाठ – 5 , 6 पाठ – 5 पापा-खो गए पाठ- 6 – शाम: एक किसान	व्याकरण – 7,8 (7) संज्ञा (8) लिंग (ख) वचन . अनेक शब्दों के लिए एक शब्द	निबंध, पत्र-लेखन, श्रुतिसमभिन्नार्थक शब्द	(5) 'पापा खो गए' पाठ के आधार पर पात्रों के चरित्र के विषय में बताना। (6) दैनिक जीवन में आने वाले कोई दस शब्द और उसका लिंग बदलकर लिखना।
अगस्त	15	पाठ – 7, 8 पाठ – 7 अपूर्व अनुभव, पाठ – 8 – रहीम के दोहे	व्याकरण :- 8,9,10 8(ग) कारक (9) सर्वनाम (10) विशेषण	अनुच्छेद, मौखिक अभिव्यक्ति, विलोम शब्द, पर्यायवाची शब्द	(7) दोहा-प्रतियोगिता का आयोजन कक्षा में करें।
सितम्बर	12	पाठ – 9 (9) एक तिनका	व्याकरण :- 11 11) क्रिया	अपठित गद्यांश और काव्यांश निबंध, मुहावरे	

		अर्द्धवार्षिक परीक्षा			
अक्टूबर	13	पाठ – 10, 11 पाठ – 10 खानपान की बदलती तस्वीर पाठ– 11 नीलकण्ठ	व्याकरण – 12,13,14 (12) काल (13) वाच्य 14(क) क्रियाविशेषण	निबंध – पत्र–लेखन, एकार्थक प्रतीत होनेवाले शब्द, अनेकार्थक शब्द	(8) फास्ट–फूड के सकारात्मक और नकारात्मक प्रभाव । (9) महादेवी वर्मा द्वारा रचित पशु–पक्षियों पर आधारित कोई दो रचना के विषय में बताना
नवंबर	21	पाठ– 12, 13 पाठ – 12 भोर और बरखा पाठ– 13 वीर कुँवर सिंह	व्याकरण – 14 14 (ख) – संबंधबोधक (ग) समुच्चयबोधक (घ) विस्मयादिबोधक	अपठित काव्यांश और गद्यांश, अनुच्छेद, निबंध, अनेक शब्दों के लिए एक शब्द, विलोम शब्द	(10) श्री कृष्ण को और किन–किन नामों से जाना जाता है? (11) बच्चों को कुछ स्वतंत्रता सेनानियों के विषय में बताना ।
दिसंबर	15	पाठ – 14, 15 पाठ – 14 संघर्ष के कारण मैं तुनुक मिजाज हो गया : धनराज पाठ– 15 आश्रम का अनुमानित व्यय	व्याकरण – 15, 16, 17 15 – वाक्य विचार 16. वर्तनी– संबंधी अशुद्धियाँ 17. विराम – चिह्न	निबंध, पत्र–लेखन, विलोम शब्द, पर्यायवाची शब्द, अनेक शब्दों के लिए एक शब्द	(12) अभावों में भी आगे बढ़ना। किसी एक ऐसे व्यक्ति के विषय में बताना (13) रचना के आधार पर वाक्य भेद की उदाहरण सहित एक सूची तैयार करना
		द्वितीय सावधिक परीक्षा			
जनवरी	13	❖ पुनरावृत्ति कार्य			
फरवरी	12	वार्षिक परीक्षा पुनरावृत्ति कार्य			
मार्च	09	वार्षिक परीक्षा			

मासाः	कार्य दिवसाः	पाठस्य नाम प्रथम सावधिकी परीक्षा	गतिविधयः
अप्रैल	21	❖ पाठः – 1 से 2 (रूचिरा + कार्यपुस्तिका) ❖ व्याकरणम् – शब्दरूपाणि, धातुरूपाणि च	➤ श्लोकानाम् लेखनम् वाचनम् च ।
मई	15	❖ पाठः – 3 (रूचिरा+ कार्यपुस्तिका) ❖ व्याकरणम् – वर्णपरिचयः, अभ्यासः ❖ अनुवादाः परीक्षाकृते अभ्यासः च ।	➤ कथावाचनम् लेखनम् च ।
		प्रथम सावधिकी परीक्षा	
जून	05	❖ पाठः – 4 (रूचिरापाठ्य पुस्तकम्) ❖ व्याकरणम् – वर्णपरिचयः, अनुवादाः अभ्यासः च ।	➤ शब्दरूपाणां , धातुरूपाणां चार्टपत्रे लेखनम्
जुलाई	27	❖ पाठः – 5, 6 (रूचिरा+ कार्यपुस्तिका) व्याकरणम् – शब्दरूपाणां, धातु रूपाणां च वाक्येषु प्रयोगाः ।	➤ क्वीज संस्कृत पदानाम्
अगस्त	15	❖ पाठः – 7, 8 (रूचिरा + कार्यपुस्तिका) व्याकरणम् – कारक-उपपद, संख्यावाचक शब्दः, ❖ व्याकरणम् – शब्दरूपाणि धातुरूपाणि च ।	➤ श्लोकानाम् अर्थलेखनम्, वाचनम् ।
सितम्बर	12	अर्धवार्षिकी परीक्षा कृते अभ्यासः ❖ पाठः – 9 (रूचिरा + कार्यपुस्तिका) ❖ व्याकरणम् – शब्दरूपाणि, धातुरूपाणि	➤ शब्दार्थाधारिताः (क्वीज)
		अर्धवार्षिकी परीक्षा	
अक्टूबर	13	❖ पाठ – 10, 11 (रूचिरा+ कार्यपुस्तिका) ❖ व्याकरणम् – सर्वनामशब्दानां प्रयोगाः अनुवादः च ।	➤ सर्वनामशब्दानां लेखनम् वाचनम् च ।
नवंबर	21	❖ पाठ- 12 (रूचिरां + कार्यपुस्तिका) व्याकरणम् – सर्वनामशब्दानां प्रयोगाः संख्यावाचकशब्दाः, स्वरसन्धिः (नियमाः)	➤ कथालेखनम् वाचनम् च
दिसंबर	15	❖ पाठ : – 13, 14 (रूचिरा+कार्य पुस्तिका) ❖ व्याकरणम् – अपिठत-गद्यांशः, पत्र लेखनम् अनुवादः, च ।	➤ महापुरुषाणां, जीवन परिचयः
		द्वितीय सावधिक परीक्षा	
जनवरी	13	❖ पाठ : – 15 (रूचिरा+ कार्यपुस्तिका) ❖ व्याकरणम्- परीक्षाकृते अभ्यासः	➤ शिक्षाप्रद श्लोकानामं वाचनम् (अर्थसहितम्)
फरवरी	12	वार्षिकी परीक्षाकृते अभ्यासः (पाठ्यक्रमानुसारेण)	

मार्च	9	वार्षिकी परीक्षा	
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Class – VII

Subjects :-Urdu

 **Book Prescribed :- Bazeecha**

 **Publication :- Saraswati**

Months	T.D.	Lesson (Text Book)	Grammar	Essay	Activity/ Project
April	21	Chapter – 1 to 3	Kind of Noun , Opposite words	My Favourite Game (ii) Importance of Education	*Write 25 opposite word on a chart paper.
May	15	Chapter – 4 & 5	Synonyms, Idioms	Application, Letter Passage	* Write a Poem on a chart paper * Story telling
		P.T. I Examination			
June	05			Application & Passage	
July	27	Chapter –6 to 8	Singular to plural	Cricket & Letter	* A speech about importance of water .
August	15	Chapter – 9 to 11	Verb , Application	My Best Friend	
Sept.	12	Chapter – 12	Pronoun	Letter	
		Half -yearly Examination			
Oct.	13	Chapter – 13 Chapter – 14	Paragraph, Application	Essay – Durga Puja or Diwali	“ Why Diwali is called The Festival of light” Write on a chart paper.
Nov.	21	Chapter – 15, 16	Opposite words Sig/ Plu. Synonyms	Ramzan-ul Mubrak And Eid	*Story telling Make a beautiful card for your birthday.
Dec.	15	Lesson – 17	Unseen Passage, Notice	Spring Season	* Spelling Competition .
		P.T – II Examination			
Jan.	13		Seen & unseen Passage Application, Letter	Application Letter	
Feb.	12	Revision for Annual Exam	Revision all	Taj Mahal and Eid	
March	09	Annual Examination			

Subjects :-Physical Education

Class- VII

✚ Book Prescribed :- Physical Education

✚ Publication :- Avichal Publication

Months	T.D.	Unit/ Chapter	Sports and GameActivities
April	21	Introduction to Physical Education [P.E] Calisthenics [P.E]	General Fitness, Drill Chess, Ludo, Carrom and Yoga (Volleyball + Kabaddi) General Fitness, Drill, Yoga, Volley ball, Kabaddi, Chess, Ludo
May	15	Structure and Function of the Human Body. Growth and Development	Yoga, Chess, Ludo, Carrom, Volley ball and Kho-kho Yoga, Chess, Ludo, Carrom Volley ball and Kho-Kho
June	05	Introduction of Court and Field	Yoga, Chess, Ludo, Carrom, Volley ball, Kabaddi, and Kho-kho
July	27	Athletics [P.E.] Health and Health Education [H.E]	Race, Jumps, Throws Volley ball, Kabaddi and Kho-Kho and Yoga. Athletics, Yoga, kho-kho, chess, Ludo, Carrom
August	15	Spread and Control of Diseases [H.E]	Races, High jump, Long jump and Yoga, Kho-kho and Volley ball.
Sept.	12	Minor and Major Games [P.E]	Badminton, Kabaddi Volley ball, Drill sand General Fitness
Oct.	13	Gymnastics [P.E] Nutrition and Health [H.E]	Drill Badminton, Kabaddi, Volley ball, Kho-Kho Drill Badminton Kabbadi, Volley ball.
Nov.	21	Environment and Health [H.E] Combatives	Drill Badminton Kabbadi, Volley ball Kho-Kho.
Dec.	15	Preparation of Annual Sports Day	Preparation of Annual Sports Day
Jan.	13	Preparation of 26 January	Drill, Volley ball Kabaddi, Kho-Kho Badminton.
Feb.	13	National Health [H.E] International Health [H.E]	Drill Volley ball Kabaddi, Kho-Kho Badminton and Athletics
March	09	Safety and Emergency First aid	Drill, Volley ball Kabaddi, Kho-Kho Badminton