



# BUD'S PARADISE SECONDARY SCHOOL

(Recognized & affiliated to CBSE)

Syllabus | Class - X

Session- (2024-25)

March – April

<b>Math</b>	1. Real Numbers 2. Polynomials  ➤ To draw a graph of a quadratic polynomial equation and examine that: The shape of the curve when the coefficient of $x^2$ is negative shape of the curve when the coefficient of $x^2$ is positive, number of zeroes.				
<b>Hindi</b>	<b>स्पर्श गद्य खंड</b>	<b>स्पर्श काव्य खंड</b>	<b>संचयन</b>	<b>व्याकरण</b>	<b>परियोजना कार्य</b>
	पाठ 1 - बड़े भाई साहब	पाठ 1- साखी कबीर	-----	अनुच्छेद लेखन	-----
	पाठ 2 -डायरी का एक पन्ना	-----	हरिहर काका	पदबंध और पत्र लेखन	कबीर का जीवन परिचय व उनकी साखी की एक सुंदर परियोजना तैयार करें। अथवा सरोजिनी नायडू के जीवन पर एक परियोजना कार्य तैयार करें।
<b>English</b>	<b>First Flight</b>		<b>Foot Print Without Feet</b>		<b>Grammar</b>
	chapter 1- A letter to God Dust of Snow (Poem) Fire and Ice (Poem) Poetic devices		chapter 1- A Triumph of Surgery chapter 2- A Thief story		Discursive and Case- based Passage, Tense (Grammar), Letter writing with format Project states and its pin code
<b>SSt</b>	<b>History</b>	<b>Geography</b>	<b>Civics</b>		<b>Economics</b>
	Chapter 1- The rise of Nationalism in Europe, Activity Work- Role Play Activity Map Work	Chapter 1- Resources and Development Map work	Chapter 1- Powe sharing, Debate (Activity work), Accommodation and Majoritarianism  Chapter 2- federalism Debate (activity work)		Chapter 1 - Development Human Development Survey  Criteria (Definition) plus Sustainable Development (project work)
<b>Science</b>	Chapter 1 chemical reaction and equations <b>Lab Activity</b> - Performing and observing the combination, Decomposition, Displacement and double displacement reaction. a. Action of water on quicklime b. Heating ferrous sulphate crystals c. Reaction between $\text{Na}_2\text{So}_4$ and $\text{BaCl}_2$ solutions.  Chapter 5- life Process chapter 9- Light Reflection and Refraction				

	<b>Lab activity</b> 1. experiment of preparing a temporary mount of a leaf to show stomata. 2. Finding the image distance for varying objects distances in case of a convex lens and concave mirror.				
<b>May</b>					
<b>Math</b>	3. Pair of Linear Equation in Two Variables 4. Quadratic Equations  ➤ <b>Solve the system of linear equations</b>				
<b>Hindi</b>	<b>स्पर्श गद्य खंड</b>	<b>स्पर्श काव्य खंड</b>	<b>संचयन</b>	<b>व्याकरण</b>	<b>परियोजना कार्य</b>
	-----	पाठ पद ( मीरा)	-----	सूचना लेखन	मीराबाई का जीवन परिचय व उनके पदों की एक सुंदर परियोजना तैयार करें।
<b>English</b>	<b>First Flight</b>			<b>Foot Print Without Feet</b>	<b>Grammar</b>
	chapter 2 Nelson Mandela: Long Walk to Freedom A tiger in the zoo (poem) chapter 3 Two stories about flying Art integrated project -Delhi ( <b>June</b> )			-----	Model (Grammar) Project
<b>SSt</b>	<b>History</b>	<b>Geography</b>	<b>Civics</b>	<b>Economics</b>	
	Chapter 2- Nationalism in India National movement play (competition),  Map work Activity Work Project File (Holiday Homework)	Chapter 2 -Forest and Wildlife Resources Map work	Chapter 3- Democracy and Diversity Debate (Activity Work)	Chapter 2- Factors in Indian Economy  GDP calculation, Distribution of Sectors	
<b>Science</b>	Chapter 2- Acid bases in Salt Chapter 6 -Controls and Coordination <b>Lab Activity</b> 1. Tracing the path of the rays of light through a glass prism. 2. Properties of Acid and Bases (HCl and NaOH) by their reaction with (a) Litmus solution (blue or red) (b) Zinc metal ( c) Solid Sodium Carbonate.				

**July**

<b>Math</b>	5. Arithmetic Progressions 6. Triangles 7. Coordinate Geometry  ➤ <b>Sequences of numbers is an AP or Sum of the first n terms of an AP</b> ➤ <b>Proportionality Theorem or Thales Theorem</b>
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<b>Hindi</b>	<b>स्पर्श गद्य खंड</b>	<b>स्पर्श काव्य खंड</b>	<b>संचयन</b>	<b>व्याकरण</b>	<b>परियोजना कार्य</b>
	पाठ - ततारा वामीरी कथा	पाठ -मनुष्यता	पाठ- सपनों के से दिन	रचना के आधार पर वाक्य रूपांतरण	-----
<b>English</b>	<b>First Flight</b>	<b>Foot Print Without Feet</b>		<b>Grammar</b>	
	How to tell wild animal (poem) The ball poem	chapter 3 The Midnight visitor chapter 4 A question of trust		Determinants (Grammar)	
<b>SSt</b>	<b>History</b>	<b>Geography</b>	<b>Civics</b>		<b>Economics</b>
	Chapter 3- The Making of Global World	Chapter 3- Water Resources Map work Chapter 4 -Agriculture Map work	Chapter 4- Gender Religion and Cast Debate (Activity Work) Picture Competition		-----
<b>Science</b>	Chapter 6- Remaining Portion of Control and Coordination Chapter 10- The Human Eye and the Colourful World chapter 3- Half Portion of Metals and Non-metals <b>Lab activities</b> Observing the action of Zinc (Zn), Iron(fe), Copper (Cu) and Aluminium (Al) metal on the salt solution (i) zinc sulphate (ii) Iron sulphate (iii) Copper Sulphate (iv) Aluminium Sulphate ( all in aq )				
<b>August</b>					
<b>Math</b>	8. Introduction to Trigonometry 9. Applications of Trigonometry (height and distances)  ➤ <b>Trigonometry Park and question-based model</b>				
<b>Hindi</b>	<b>स्पर्श गद्य खंड</b>	<b>स्पर्श काव्य खंड</b>	<b>संचयन</b>	<b>व्याकरण</b>	<b>परियोजना कार्य</b>
	पाठ -तीसरी कसम के शिल्पकार शैलेंद्र	पाठ -पर्वत प्रदेश में पावस	-----	समास	सुमित्रानंदन पंत के जीवन व उनकी कविता पर्वत प्रदेश में पावस की व्याख्या करें।
<b>English</b>	<b>First Flight</b>	<b>Foot Print Without Feet</b>		<b>Grammar</b>	
	chapter 4- From the diary of Anne Frank Amanda (poem) chapter 5 -Glimpses of India The trees (poem)	chapter 5 Footprint without feet		Analysis the Paragraph (writing section)	

<b>SSt</b>	<b>History</b>	<b>Geography</b>	<b>Civics</b>	<b>Economics</b>
	Chapter 4 -The age of Industrialisation Map work	Chapter 5 -Minerals and Energy Resources Map work	Popular Struggle and Movements Debate Activity	-----

<b>Science</b>	chapter 3 - Remaining Portion of Metals and Nonmetals Revision of taught chapters <b>Lab Activity</b> All activity Revised by oral Viva -voce questions
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### September

<b>Math</b>	10. Circles 11. Area Related to Circles  ➤ <b>The length of the tangent drawn from an external point to a circle</b>
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<b>Hindi</b>	<b>स्पर्श गद्य खंड</b>	<b>स्पर्श काव्य खंड</b>	<b>संचयन</b>	<b>व्याकरण</b>	<b>परियोजना कार्य</b>
	पाठ- अब कहां दूसरे के दुख से दुखी होना होने वाले	पाठ तोप	-----	विज्ञापन लेखन व ईमेल लेखन	-----

<b>English</b>	<b>First Flight</b>	<b>Foot Print Without Feet</b>	<b>Grammar</b>
	Revision work	Revision work	Revision work

<b>SSt</b>	<b>History</b>	<b>Geography</b>	<b>Civics</b>	<b>Economics</b>
	-----	-----	Chapter 6- Political parties	chapter 3- Money and Credit

<b>Science</b>	chapter 7- How do Organism Reproduce Half Yearly Exam Will Be Conducted <b>Lab Activity</b> – Studying (a) Binary fission in Amoeba (b) Budding in Yeast with the help of prepared permanent slides.
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### October

<b>Math</b>	12. Surface Areas and Volumes  ➤ <b>Volume of right circular- cone formula.</b> ➤ <b>To make a right- circular cylinder</b>
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<b>Hindi</b>	<b>स्पर्श गद्य खंड</b>	<b>स्पर्श काव्य खंड</b>	<b>संचयन</b>	<b>व्याकरण</b>	<b>परियोजना कार्य</b>
	पाठ - पतझड़ में टूटी पत्तियां	पाठ- कर चले हम फिदा	पाठ -टोपी शुक्ला	-----	-----

<b>English</b>	<b>First Flight</b>	<b>Foot Print Without Feet</b>	<b>Grammar</b>
	Chapter 6 Mijbil the Otter Fog (poem) chapter 7 -Madam Rides the Bus	-----	Reported Speech Project

<b>SSt</b>	<b>History</b>	<b>Geography</b>	<b>Civics</b>	<b>Economics</b>
	Chapter 5 -Print Culture and Modern World	Chapter 6- Manufacturing Industries Map work	Chapter 7 -Outcomes of Democracy Debate (Activity work)	-----

<b>Science</b>	Chapter 11- electricity chapter 13 -our environment <b>Lab Activity</b> (i) Experiment of potential difference(v) across a resistor on the current(I) passing through it and determine its resistance. Also plotting a graph between v and I (ii) Determination of Equivalent resistance of two resistors when connected in series and parallel.
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### November

<b>Math</b>	13. Statistics 14. Probability  ➤ To set the idea of probability through a double colour cards experiment.
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<b>Hindi</b>	<b>स्पर्श गद्य खंड</b>	<b>स्पर्श काव्य खंड</b>	<b>संचयन</b>	<b>व्याकरण</b>	<b>परियोजना कार्य</b>
	पाठ -कारतूस	पाठ- आमंत्रण	-----	मुहावरे और लघु कथा लेखन	रविंद्र नाथ टैगोर के जीवन परिचय व उनके काव्य संग्रह पर एक सुंदर परियोजना तैयार करें।

<b>English</b>	<b>First Flight</b>	<b>Foot Print Without Feet</b>	<b>Grammar</b>
	-----	Chapter 6- The making of a scientist Chapter 7- The Necklace Chapter 8- Bholi Chapter 9- The book that saved the earth	Placing order and Enquiry (letter writing)

<b>SSt</b>	<b>History</b>	<b>Geography</b>	<b>Civics</b>	<b>Economics</b>
	-----	chapter 7 -Lifeline of National Economy (only map) Map work	Chapter 8 -Challenges to Democracy Activity work (Debate)	Chapter 4- Globalization and the Indian Economy Chapter 5 -Consumer Rights (project file)

<b>Science</b>	Chapter 4 -Carbon and its compounds Chapter 8 -Heredity and Evolution Chapter 12- Magnetic Effect of Electric Current
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**Syllabus Completed****Lab Activity**

Study of the following properties of acetic acid (i) odour (ii) solubility in water (iii) Effect of Litmus (iv) Reaction with NaHCO<sub>3</sub>

**December**

<b>Math</b>	Revision of all chapters Preboards Pending chapters and assignments				
<b>Hindi</b>	<b>स्पर्श गद्य खंड</b>	<b>स्पर्श काव्य खंड</b>	<b>संचयन</b>	<b>व्याकरण</b>	<b>परियोजना कार्य</b>
	स्पर्श : पूरा पाठ्यक्रम	पूरा पाठ्यक्रम	पूरा पाठ्यक्रम	पूरा पाठ्यक्रम	
<b>English</b>	<b>First Flight</b>	<b>Foot Print Without Feet</b>		<b>Grammar</b>	
	The Tale of Custard the Dragon (poem) chapter 8 -The Sermon at Benares For the Anne George (poem) chapter 9- The proposal	Revision work		Subject verb Concord (Grammar)	
<b>SSt</b>	<b>History</b>	<b>Geography</b>	<b>Civics</b>	<b>Economics</b>	
	Revision work	Revision work	Revision work	Revision work	
<b>Science</b>	Revision of Whole Syllabus.				

**Note:**

- There may have some variation in the provided syllabus in future, as per the modification by CBSE.
- The syllabus was made from new edition of NCERT book.

**Abbreviation:**

- This symbol is for maths lab activities.

