Salwan Public School, Gurugram

Session: 2021 – 22

Academic Monthly Planner

For Class IX

MONTH – APRIL

Subjects	Unit
English	**Beehive** **Lesson-1**-The Fun They Had **Poem -1**-The Road not taken **Lesson-2** -The Sound of Music-I and II **Poem -2-** Wind **Moments** **Lesson-1-** The Lost Child **Writing Skill:** Diary Entry **Grammar:** Determiners
Hindi	**स्पर्श :** (गद्य) पाठ **2.** दुःख का अधिकार **(**पद्य) पाठ **1.** रैदास के पद (कविता) **संचयन:** पाठ **1.** गिल्लू **व्याकरण:** अनुस्वार, अनुनासिक, नुक्ता, अनौपचारिक पत्र लेखन, अनुच्छेद लेखन
Mathematics	**Chapter 1:** Number System **Chapter 2:** Polynomials

Science	**Physics** **Chapter 8:** Motion
	Chemistry **Chapter -1-** Matter in our surroundings Discussion of NCERT exercise.
	Biology **Chapter- 5** – The Fundamental Unit of Life Discussion of NCERT Exercise Questions of Chapter 5 **Chapter- 6** - Tissues
Social Science	**History** **Chapter 1:** The French Revolution **Economics** **Chapter 1:** The Story of Village Palampur **Geography** **Chapter 1:** India- Size and Location.
Information Technology	**Unit 1-** Introduction to IT-ITeS industry **Unit 2-** Data Entry & Keyboarding Skills **Unit 3-** Digital Documentation

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For Class X

MONTH –APRIL

Subjects	Unit
English	• Footprints without Feet-The Thief's Story • First Flight-From the Diary of Anne Frank • Poem-How to Tell Wild Animals • Writing skill-letter to the editor • First Flight-The Hundred Dresses-I • First Flight-The Hundred Dresses –II • Footprints without Feet-The Midnight Visitor • Footprints without Feet-A Question of Trust • Letter of enquiry • Letter of placing an order • Poem-The Ball poem • Poem-Amanda • First Flight-Glimpses of India • Footprints without Feet –Footprints without Feet
Hindi	**व्याकरण-** • अशुद्धि संशोधन • मुहावरे • रचना के आधार पर वाक्य **रचनात्मक अभिव्यक्ति-** • अनुच्छेद लेखन • औपचारिक पत्र (अभ्यास) **स्पर्श-**

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	• डायरी का एक पन्ना • मीरा के पद **संचयन**- हरिहर काका
Mathematics	**Chapter 3: Pair of Linear Equations in Two Variables** • Graphical method of solution of a pair of linear equations • Algebraic method of solution of a pair of linear equations • Substitution method and word problems • Elimination Method and word problems • Cross Multiplication Method and word problems • Conditions of consistency. • Equations reducible to a pair of linear equations in two variables • Equations in two variables & word problems. **Lab Activity 3:** To obtain the condition for consistency of a system of linear equations in two variables by graphical method. **Chapter 15: Probability** • Classical probability • Random Experiment, Sample Space, Outcomes. • Problems based on probability. **Lab Activity 4:** To reinforce the concept of probability through an activity. **Chapter 14: Statistics** • Mean • Mode
Science	**<u>Physics:</u>** **Chapter 12 – Electricity (Cont.)** • Series Combination of resistances • Numericals • Parallel Combination of resistances • Numericals based on combination of resistances • Heating effect of electric current • Practical applications of heating effect • Electric power • Commercial unit Discussion of NCERT exercises.

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Practical – 2: To study the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plot a graph between V and I.

Chapter 13 : Magnetic Effects of Electric Current

- Magnetic field
- Field lines
- Properties of field lines
- Oersted's experiment

Chemistry:

Chapter 2 : Acid, Bases and Salts (Cont.)

- Properties of Acids
- Properties of Bases
- Concept of pH scale
- Importance of pH on everyday life

Practical–2: Studying the properties of acids and bases (HCl and NaOH) by their reaction with: -

(a) Litmus solution (Blue/Red)
(b) Zinc metal
(c) Solid sodium Carbonate

- Preparation and used of Sodium Hydroxide,
- Bleaching Powder
- Baking soda
- Washing Soda and
- Plaster of paris
- Water of crystallization

Discussion of NCERT exercises.

Practical –3: Finding the pH of the following samples by using pH paper/universal indicator: -

(a) Dilute hydrochloric acid
(b) Dilute NaOH solution
(c) Dilute etanoic acid solution
(d) Lemon juice
(e) Water
(f) Dilute Hydrogen carbonate solution

Chapter 3 : Metals and Non - Metals

- Physical properties of Metals and non-metals

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	Biology: **Chapter 6: Life Processes** • Respiration-aerobic respiration and anaerobic respiration • Respiration in different organisms • Transportation in human being • Heart, Blood, Blood Vessels • Maintenance by platelets, Lymph • Transportation in plants • Excretion in Humans • Excretion in Plants **Practicals:** 1. To show experimentally that CO_2 is given out during respiration 2. Preparing a temporary mount of a leaf peel to show stomata
Social Science	**Geography:** Resources and Development **History:** Rise of Nationalism in Europe **Political Science:** Federalism
Information Technology	• Options to insert image to document from various sources. • Options to modify, resize, crop and delete an image. Drawing objects and its properties. • Creating drawing objects and changing its properties. Resizing and grouping drawing objects. • Positioning image in the text. • Templates. • Using predefined templates. • Creating a template. * • Set up a custom default template. • Updating a document.* • Changing to a different template. • Using the Template. • Table of contents. Hierarchy of headings. Customization of table of contents. • Character styles. Maintaining a table of contents.

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