



Salwan Public School, Gurugram
Session: 2020 – 21

Academic Monthly Planner
(The content will be taught online during the lockdown period)

For Class XI
MONTH – JULY

Subject	Unit/Chapter	Practical / Activity
English	Short Writing Skills <ul style="list-style-type: none"> • Poster Making Hornbill <ul style="list-style-type: none"> • We are not Afraid to Die..... • The Ailing Planet • Voice of the Rain Snapshots <ul style="list-style-type: none"> • Ranga’s Marriage Writing Skills <ul style="list-style-type: none"> • Letter of Enquiry and reply • Letter of placing an order 	Poster Making Topic- The Ailing Planet Note Making: We are not Afraid to Die..... Letter to the editor Topic- Woes of the common man during the monsoon season
Physics	Chapter 5: Laws of Motion Chapter 6: Work, Energy and Power	
Chemistry	Chapter 3: Periodic Classification of Elements Chapter 4: Chemical Bonding	Practical: 1. To determine the molarity and strength of the given NaOH solution by titrating it against the standard solution of italic acid.

		2. To determine the molarity and strength of the given HCl solution by titrating it against a standard solution of sodium bicarbonate.
Biology	<p>Unit 2:</p> <p>Chapter 5: Morphology of Flowering Plants</p> <p>Chapter 6: Anatomy of Flowering Plants</p> <p>Chapter 7: Structural Organisation in Animals</p>	<p>1. Anatomy and functions of different parts of flowering plants: root, stem, leaf, inflorescence, flower, fruit, and seed.</p> <p>2. Family solanaceae and fabaceae.</p>
Mathematics	<p>Chapter 3: Trigonometry</p> <ul style="list-style-type: none"> • Positive and negative angles. Measuring angles in radians and in degrees and conversion from one measure to another Signs of trigonometric functions. Values of Different Trigonometric functions for various angles Domain, range & Graph of Trigonometric functions Expressing trigonometric ratios as sum and difference of angles. • Deducing the Identities General and principle solution of trigonometric Equations. <p>Chapter 5: Complex Number</p> <ul style="list-style-type: none"> • Introduction of complex number algebraic properties of complex numbers • Argand plane and Polar representation of complex numbers 	To prepare a model/Activity to illustrate the values of sine function and cosine function for different angles which are multiples of π and 2π
Accountancy	<p>Traditional Approach of Accounting</p> <p>Chapter - Journal, Ledger and Cash Book</p>	Assignment
Economics	<ul style="list-style-type: none"> • Consumers Equilibrium and Demand (continued.) • Statistics • Presentation of Data 	

Business Studies	Chapter 3: Private, Public and Global Enterprise Chapter - Business Services	Assignments
History	Theme 4: The Central Islamic Lands Theme 5: Nomadic Empires	<ul style="list-style-type: none"> • Assignments • Map Work • Timeline
Political Science	Lesson 2: Rights of the Indian Constitution Lesson 3: Elections and Representation Lesson 4: Executive	<ul style="list-style-type: none"> • Research based learning • Comparative analysis of Fundamental Rights in different countries USA USSR India France South Africa • Group discussion on which form of executive is better and why manarcad presidential semi presidential prime ministerial etc.
Psychology	Chapter 4: Human Development coontd Chapter 3: Basis of Human Behaviour	<ul style="list-style-type: none"> • Self Reflection Activity to understand the stage of Adolescence • To interview people from 3 different stages of life • To talk about the major transitions that have taken place in their lives • Presentations on the Nervous system by the students
Computer Science	Chapter 6: Python Fundamentals Chapter 7: Data Handling Chapter 8: Conditional and Iterative Statements	<ul style="list-style-type: none"> • Students will be asked to write basic expressions in python. • Students will be asked to write a program to input, process and output of various data in python. • Students will be asked to write a program using selection and iterative statements.

Food Production	Chapter 5: Kitchen commodities Chapter 6: storage of commodities	<ul style="list-style-type: none"> • Assignments • Students will make PPT of different commodities and present in class
Physical Education	Unit 4: Physical Education and Sports for CWSN Unit 5: Yoga	
Painting	Art of Ajanta, Temple Sculptures	Perspective, Still Life in watercolour, print making.

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For Class XII
MONTH – JULY

Subject	Unit/Chapter	Practical / Activity
English	Flamingo- <ul style="list-style-type: none"> • A Roadside Stand • The Rattrap • Indigo Vistas- <ul style="list-style-type: none"> • Journey to the end of the Earth • On the Face of it 	Debate Writing: <i>The whole World is nothing but a great Rattrap</i> <u>Invitation</u> Design an invitation for a seminar on Social Justice Group discussion on ‘It’s got nothing to do with my face and what I look like’ on the basis of the documentaries on the success stories of physically challenged people
Physics	Chapter 7: Alternating Current Chapter 8: Electromagnetic Waves Chapter 9: Ray Optics	
Chemistry	Chapter 1: Solutions (Contd.) Chapter 2: Electrochemistry Chapter 3: Chemical Kinetics	Practical – To determine the molarity and strength of the given KMnO ₄ solution by rotating it against the standard solutions of

		<ol style="list-style-type: none"> 1. Oxalic acid 2. Mother's salt
Biology	<p>Chapter 6: Molecular Basis of Inheritance Continued</p> <p>Chapter 7: Evolution</p> <p>Chapter 8: Human Health and Diseases</p>	
Mathematics	<p>Chapter 6: Application of Derivatives</p> <p>Chapter 7: Integration (till Ex 7.2)</p>	
Accountancy	<p>Chapter - Death of a partner</p> <p>Chapter - Dissolution of partnership firm</p>	Assignments
Economics	<p>Macro Economics</p> <ol style="list-style-type: none"> 1. Money and Banking 2. Determination of Income & Employment 	
Business Studies	<p>Chapter 6: Staffing</p> <p>Chapter 7: Directing</p> <p>Chapter 8: Controlling</p>	Assignments
History	<p>Theme 6: Bhakti-Sufi Traditions</p> <p>Theme 7: An Imperial Capital Vijayanagara</p> <p>Theme 8: Peasants, Zamindars & The State</p>	<ul style="list-style-type: none"> • Map Work • Assignments
Political Science	<p>Lesson 7: Security in the Contemporary World</p> <p>Lesson 8: Environment & Natural Resources</p> <p>Lesson 9: Globalisation</p>	<ul style="list-style-type: none"> • Research based studies • Group discussion on environmental concerns in the world politics • Debate for and against globalisation • Assignments
Psychology	<p>Chapter 4: Psychological Disorders (Contd.)</p> <p>Chapter 5: Therapeutic Approaches</p>	<ul style="list-style-type: none"> • Discussion of psychological • Disorders through case studies and videos • Completion of case study using different psychological methods

Computer Science	<p>Chapter 8: Data Visualization using Pyplot</p> <p>Chapter 9: Data Structures-I: Linear Lists</p> <p>Chapter 10: Data Structures-II: Stacks & Queues</p> <p>Chapter 11: Computer Networks-I</p>	<ul style="list-style-type: none"> • Students will be asked to write a program to plot pie chart, Bar chart and Line chart. • Students will write programmes to implement the Push & Pop operations on Stack & Queue in data structure. • Students will be asked to use the various network devices in laying out the computer network.
Food Production	<p>Chapter 5: Presentation of Indian meal</p> <p>Chapter 6: Fast Food</p>	<ul style="list-style-type: none"> • Assignments • Students will write recipes of some fast food and will cook at home and share with group.
Physical Education	<p>Unit-VI: Test & Measurement in Sports</p> <p>Unit-VII: Physiology & Injuries in Sports</p>	
Painting	Deccan School, Bengal School Introduction	Landscape in watercolour, composition, print making