D.A.V. PUBLIC SCHOOL

Bazpur, U S Nagar, Uttarakhand-262401
Affiliated to CBSE, New Delhi
BIFURCATION OF SYLLABUS OF CLASS XI (Science)

S.No.	MONTH	ENGLISH	PHYSICS	CHEMISTRY	MATHEMATICS	BIOLOGY	PHE/IP
1	APRIL	**HORNBILL** Ch 1-The Portrait of a Lady Poem: A Photograph **SNAPSHOTS** Ch 1- The Summer of the Beautiful White Horse **GRAMMAR** 1.Determiners **READING/WRITINGSKILL** Notice & Poster	1. Physical World 2. Units & Measurement	Ch-1. Some Basic Concepts Of Chemistry	Ch-1. Sets. Ch-2. Relations And Functions. Ch-3. Trigonometric Functions.	Ch.1.The Living World Ch.2.Biological Classification	Unit - I. Changing trends and career in Physical Education
							Basic computer organization
3.	MAY	**HORNBILL** Ch 2-"We're not Afraid to Die......if we can all be together" **SNAPSHOTS** Ch 2- The Address Ch 3- Ranga's Marriage **READING/WRITING SKILL** Article, Debate Writing	3. Motion in Straight Line 4. Motion in Plane	Ch-2. Structure of Atom Ch-3. Classification of Elements and Periodicity in Properties	Ch-4. Principle of Mathematical Induction. Ch-5. Complex No. and Quadratic Equation.	Ch.3.Plant Kingdom Ch.4.Animal Kingdom	Unit -II. Olympic Movement Unit - III. Physical Fitness wellness and lifestyle
							Relational databases: Concept of a database, relations, attributes and tuples, keys - candidate key, primary key, alternate key, foreign key; Degree and Cardinality of a table. Use SQL - DDL/DML commands to CREATE TABLE, INSERT INTO, UPDATE TABLE, DELETE FROM
4.	JULY	**HORNBILL** Ch 3-Discovering Tut: The Saga Continues Ch-4 Landscape of the Soul Poem-The Laburnum Top Poem: The Voice of the Rain **GRAMMAR**2. Tenses **READING/WRITINGSKILL**Reading Comprehension Classifieds and Display	5. Laws of Motion 6. Work, Energy & Power	Ch-4. Chemical Bonding Ch-5. States of Matter: Gases and Liquids	Ch-6. Linear Inequalities. Ch-7. Permutation & Combination. Ch-8. Binomial Theorem.	Ch.5.Morphology of Flowering Plants Ch.6.Anatomy of Flowering Plants Ch.7.Structural organisation in Animals	Unit IV – Physical Education and Sports for Differently Able Unit -V. Yoga
							Basic Computer Organization Familiarization with the basic of Python Programming Knowledge of Data type, tokens and operator Conditional statements
5.	AUGUST	**HORNBILL** Ch 5-The Ailing Planet Ch 6- The Browning Version **SNAPSHOTS** Ch 4: Albert Einstein at School **GRAMMAR**3. Clauses4.	7. System of Particles and Rotational Motion 8. Gravitation	Ch-6. Thermodynamics Ch-7. Equilibrium	Ch-9. Sequence And Series. Ch-10. Straight Lines	Ch.8.Cell the Unit of Life Ch.9.Bio molecules	Unit-VI. Physical Activity and Leadership Unit-VII. Test and Measurement and evaluation

No.	Month	English	Physics	Chemistry	Maths	Biology	(PE / Computer Science)
		Modals **READING/WRITINGSKILL** Note-Making Report Writing, Factual Description					_____ Notion of iterative computation and control flow List and dictionary Text handling
6.	SEPTEMBER	**HORNBILL** REVISION **SNAPSHOTS** REVISION **GRAMMAR** REVISION **READING/WRITINGSKILL** REVISION	9. Mechanical properties of solids	Ch-8. Redox Reactions Ch-9. Hydrogen	REVISION	Ch.10.Cell Cycle and Cell Division Ch.11.Transport in Plants Ch.12.Mineral Nutrition	Unit -VIII. Fundamental of Anatomy and Physiology and Kinesiology in Sports Unit-IX. Psychology and Sports
							Introduction to Python Modules: Importing math statistics
7.	**TERM-II** OCTOBER	**HORNBILL** Poem: Childhood Ch-7 The Adventure Poem: Father to Son **SNAPSHOTS** Ch 5-Mother's Day **GRAMMAR**5. Organizing Sentences into Paragraphs **READING/WRITINGSKILL** Formal Letters	10. Mechanical properties of Fluids 11. Thermal Properties of solids	Ch-10. s-Block Elements Ch-11. Some p-Block Elements	Ch-11. Conic Sections. Ch-12. Introduction To 3-Dimensional Geometry. Ch-13. Limits & Derivative.	Ch.13.Photosynthesis in Higher Plants Ch.14.Respiration in Plants Ch.15.Plant Growth and Development	Unit - X. Training and Dopping in Sports
							Numpy 1D array, 2D array Arrays: slices, joins, and subsets. Arithmetic operations on 2D arrays.
8	NOVEMBER	**HORNBILL** Ch-8 Silk Road SNAPSHOTS Ch 6-The Ghat of Only World Ch 7- Birth **GRAMMAR**6. Organizing Words into Sentences **READING/WRITING SKILL** Letter to the EditorApplication for Job **GRAMMAR** 7.Transforming of Sentences	12. Thermodynamics 13. Kinetic Theory of Gases	Ch-12. Organic Chemistry: Some Basic Principles	Ch-14. Mathematical reasoning. Ch-15. Statistics Ch-16. Probability.	Ch.16.Digestion and Absorption Ch.17.Breathing and Exchange of Gases Ch.18.Body Fluids and Circulation Ch.19.Excretory Products and their Elimination	Unit - XI. Training in Sports
							Use SQL - DDL/DML commands to ALTER TABLE, MODIFY TABLE, DROP TABLE, keys, and foreign keys; to view content of a table: SELECT-FROM-WHERE-ORDER BY along with BETWEEN, IN, LIKE. (Queries only on single table) Aggregate Functions
9	DECEMBER	**SNAPSHOTS** Ch 8- The Tale of Melon City **PRE-ANNUAL**	14. Oscillations 15. Waves	Ch-13. Hydrocarbons Ch-14. Environmental Chemistry	PRE-ANNUAL	Ch.20.Locomotion and Movement Ch.21.Neural Control and Coordination	Unit- XII. Doping Training
							Society, law and Ethics-Cyber Safety
10	JANUARY	**Hornbill** revision **snapshots** revision **grammar** revision **reading/writing skill** revision	REVISION	Revision	REVISION	Ch.22.Chemical Coordination and Integration	REVISION