



DELHI PUBLIC SCHOOL BALLABGARH

(under the aegis of DPS society, New Delhi)



SYLLABUS BOOK

CLASS – XI^{Sc}.

Subject : English

ENGLISH Class –XI

Month/ Book	Lesson Name	Activity
APRIL / Hornbill Grammar Writing Reading	L-1 The Portrait of a Lady, Poetry- A Photograph Determiners, Advertisements, Article Factual passage - Unseen Passage	Extempore
MAY / Hornbill Snapshot Grammar Writing Reading	We're not Afraid to die..... The summer of a beautiful white horse Tenses Notice, Speech Unseen Passage Note-Making	Poster Making
JUNE	Summer Break	Summer Break
JULY Hornbill Snapshot Grammar Writing	Discovering Tut: The Saga continues, Poetry- The Voice of the Rain Landscape of the soul, The Adventure The Address Clauses Poster, Letter Writing	Article Writing
AUGUST Hornbill Snapshot Grammar Writing	The Ailing Planet; the green movement's role Ranga's Marriage, Albert Einstein At School Modals Article, Report Writing	Speech Writing
SEPT	REVISION of SA-1 SYLLABUS	

OCTOBER		
Hornbill	The Browning Version, Silk Road	Power Point Presentation on Tenses
Snapshot	Poetry- Childhood Mother's Day, The Ghat of the only world	
Grammar	Active & Passive voice	
Writing	Speech, Narratives	
NOVEMBER		
Hornbill	POETRY – Father to Son , The Laburnum top	Debate competition on given topic
Snapshot	Birth, The Tale of the Melon City	
Grammar	Revision of Editing	
Writing	Revision of Letter writing	
DECEMBER		
	Revision of full Syllabus	
ENGLISH Class –XI		
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APRIL /		
Hornbill	L-1 The Portrait of a Lady, Poetry- A Photograph	Extempore
Grammar	Determiners,	
Writing	Advertisements, Article	
Reading	Factual Description - Unseen Passage	
MAY /		
Hornbill	We're not Afraid to die.....	Poster Making
Snapshot	The summer of a beautiful white horse	
Grammar	Tenses	
Writing	Notice, Speech	
Reading	Unseen Passage	
JUNE	Summer Break	Summer Break

JULY		
Hornbill	Discovering Tut: The Saga continues, Poetry- The Voice of the Rain	Article Writing
Snapshot	The Address	
Grammar	Clauses	
Writing	Poster, Letter Writing	
Novel	Ch-1, 2 (The Canterville Ghost)	
AUGUST		
Hornbill	The Ailing Planet; the green movement's role	Speech Writing
Snapshot	Ranga's Marriage, Albert Einstein At School	
Grammar	Modals	
Writing	Article, Report Writing	
Novel	Ch-3,4	
SEPT	REVISION of SA-1 SYLLABUS	
OCTOBER		
Hornbill	The Browning Version Poetry- Childhood Mother's Day	Power Point Presentation on Tenses
Snapshot		
Grammar	Active & Passive voice	
Writing	Speech, Narratives	
Novel	Ch-5	
NOVEMBER		
Hornbill	POETRY – Father to Son	Debate competition on given topic
Snapshot	Birth, The Tale of the Melon City	
Grammar	Revision of Editing	
Writing	Revision of Letter writing	
Novel	Ch-6, 7	
DECEMBER		
	Revision of full Syllabus	

Subject - Physics

PHYSICS SYLLABUS PLAN CLASS XI (2018-2019)	
MONTH	LESSON NAME
APRIL	L1 – PHYSICAL WORLD AND MEASUREMENT L3- LAW OF MOTION
MAY	L2- KINEMATICS
JULY	L4- WORK ENERGY AND POWER L5-MOTION OF SYSTEM OF PARTICLES AND RIGID BODY
AUGUST	L6- GRAVITATION L-7 PROPERTIES OF BULK MATTER
OCTOBER	L-7 PROPERTIES OF BULK MATTER L8- THERMODYNAMICS
NOVEMBER	L9-BEHAVIOUR OF PERFECT GAS & KINETIC THEORY OF GASES L10- OSCILLATIONS AND WAVES
DECEMBER	REVISION
JANUARY	FINAL EXAM

Subject – Chemistry

CHEMISTRY SYLLABUS PLAN

CLASS XI (2018-2019)

MONTH	LESSON NAME
APRIL	L1 : BASIC CONCEPT OF CHEMISTRY / MOLE CONCEPT
MAY	L 2 STRUCTURE OF ATOMS
JULY	L 3 / 4 : CLASSIFICATION OF ELEMENTS AND PERIODIC PROPERTIES IN ELEMENTS/ CHEMICAL BONDING AND MOLECULAR STRUCTURE
AUGUST	L5 : STATES OF MATTER
OCTOBER	L 6 / 7 : THERMODYNAMICS/ EQUILLIBRIUM AND IONIC EQUILLIBRIUM
NOVEMBER	L 8 / 9 : REDOX REACTIONS / HYDROGEN
DECEMBER	L 10 / 11 : S BLOCK ELEMENTS / P BLOCK ELEMENTS
JANUARY / february	L 12 / 13 / 14 : ORGANIC CHEMISTRY : SOME BASIC PRINCIPLE HYDROCARBON / ENVIRONMENTAL CHEMISTRY
DECEMBER	REVISION
JANUARY	FINAL EXAM


Subject – Science (Biology)

Month/ Book	Lesson Name	Activity
APRIL-MAY	Chapter 1... LivingWorld. Chapter 5...Morphology of Flowering plants Chapter 2.... Biological classification Chapter 16.. Digestion and Absorption Chapter 14..Breathing and exchange of gases	1) . Study and description of three locally available common flowering plants, one from each of the families Solanaceae, Fabaccae & Liliaceae . 2) Test for presence of bile salts in urine.
JUNE	SUMMER BREAK	
JULY	Chapter 11... Transport in plants. Chapter 3....Plant Kingdom.. Chapter 4.. Animal Kingdom. Chapter 9.. Biomolecules. .	1) Study of osmosis by potato osmometer. 2) Study of distribution of stomata in the upper and lower surface of leaves. 3) Study of plasmolysis in epidermal peels (e.g. Rhoeo Leaves). 4) Test for the presence of sugar, starch, proteins and fats. Detection in suitable plant and animal materials.
AUGUST	Chapter 8..The unit of Life. Chapter 10...Cell cycle and cell division. Chapter 18....Body fluids and circulation. Chapter 19...Excretory products and their elimination. .	1. Test for presence of urea in urine. 2. Test for presence of sugar in urine. 3. Test for presence of albumin in urine.
SEPTEMBER	Chapter13...Photosynthesis in higher plants Chapter 6... Anatomy of flowering plants. Chapter 7...Structural organisation in animals. Chapter 20.. Locomotion and movements.	1) Separation of plant pigments through paper chromatography. 2) Comparative study of the rates of transpiration in the upper and lower surface of leaves. 3) Study of the rate of respiration in flower buds/Leaf tissue and germinating seeds.
OCTOBER	Chapter 14...Respiration in plants. Chapter 15...Plant growth and development.	
NOVEMBER	Chapter 21 ...Neural control and coordination. Chapter 22... Chemical control and coordination. Chapter12...Mineral Nutrition.	



Subject – Computer Science

Month / Book	Lesson Name
APRIL	Chapter – 1 Computer Overview Chapter – 3 Data representation
MAY	Chapter – 2 Software Concepts
JUNE	SUMMER BREAK
JULY	Chapter – 4 Microprocessor Basics and Memory Concepts Chapter – 5 General OOP Concepts Chapter – 6 Getting started with C++
AUGUST	Chapter – 7 Data Handling Chapter – 8 Operators & Expressions in C++ Chapter – 9 C++ as per latest C++ II standard
SEPTEMBER	HALF YEARLY EXAMS
OCTOBER	Chapter – 10 Flow of Control Chapter – 11 Functions Chapter – 12 Structured data Type - Array
NOVEMBER	Chapter – 13 Structures Chapter – 14 Programming methodology
DECEMBER	Revision SA – 2 Syllabus



Subject – Maths

Month / Book	Lesson Name
APRIL	CH-1 Sets CH-5 Complex numbers and Quadratic equation
MAY	CH-2 Relations and functions CH-3 Trigonometric Functions
JUNE	SUMMER BREAK
JULY	CH-4 Principle of mathematical induction CH-6 Linear Inequalities CH-7 Permutation and combination
AUGUST	CH-8 Binomial theorem CH-9 Sequences and series CH-10 Straight lines
SEPTEMBER	Revision SA - 1 Syllabus
OCTOBER	CH-11 Conic sections CH-12 Introduction to three dimensional geometry CH-13 Limits and derivatives
NOVEMBER	CH-14 Mathematical reasoning CH-15 Statistics CH-16 Probability
DECEMBER	Revision of full syllabus

Subject – Physical Education

Name of month	Chapters	
APRIL	Unit I Changing Trends & Career In Physical Education Unit II Olympic Movement •	
MAY	Unit III Physical Fitness, Wellness & Lifestyle Unit IV Physical Education & Sports for CWSN (Children With Special Needs-Divyang) •	
JUNE	MONTH OF SUMMER VACATION	
JULY	Unit V Yoga Unit VI Physical Activity & Leadership Training •	
AUGUST	Unit VII Test, Measurement & Evaluation •	
SEPTEMBER	S.A-1	Practical
OCTOBER	UNIT VIII FUNDAMENTALS OF ANATOMY AND PHYSIOLOGY Unit IX Kinesiology, Biomechanics & Sports Unit X Psychology & Sports •	
NOVEMBER	Unit XI Training In Sports Unit XII Doping •	

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