



# PUNA International School

Shree Swaminarayan Gurukul, Zundal

**PUNA INTERNATIONAL SCHOOL, GANDHINAGAR  
SYLLABUS 2021-22  
CLASSXI-SCIENCE**

**SUBJECT:ENGLISH**

<b>MONTH</b>	<b>MAIN COURSEBOOK (Hornbill)</b>	<b>SUPPLEMENTARY READER (Snapshots)</b>	<b>ADVANCEDWRITING SKILLS</b>	<b>GRAMMA R</b>	<b>ACTIVITY</b>
<b>November</b>	The Portrait of a Lady (Prose)  - A Photograph (Poem)	The Summer of the Beautiful White		Reordering/ transformation of sentences	
<b>December</b>	- “We’re Not Afraid to Die... if We Can All Be Together” (Prose)  - Discovering Tut: the Saga Continues	Horse(Prose)	Letter to Editor	Clauses	
<b><u>Syllabus for Periodic Test-2</u></b> <b>Reading:</b> Reading Comprehension and Note Making.					
<b>January</b>	- The Laburnum Top	The Address (Prose)		Voice	Listening & Speaking

	(Poem)				Skills (ASL)
<b>February</b>	- Landscape of the Soul (Prose)	Ranga's Marriage (Prose)	Debate Writing		
<b><u>Syllabus for Annual Examination (February-March) : Complete Syllabus</u></b>					

**SUBJECT: PHYSICS**

MONTH	LESSON
<b>November</b>	9.Mechanical Properties of Solids
<b>December</b>	Chapter–10: Mechanical Properties of Fluids Chapter–15: Waves
<b>January</b>	Chapter–11: Thermal Properties of Matter Chapter–12: Thermodynamics
<b>February</b>	Chapter–13: Kinetic Theory Chapter–14: Oscillations
<b>March</b>	Revision for Final Examinations

**SUBJECT: CHEMISTRY**

<b>MONTH</b>	<b>CHAPTER</b>	<b>EXPERIMENT</b>
<b>November</b>	s -Block Elements	Inorganic salt analysis
<b>December</b>	Chemical Thermodynamics Some p -Block Elements	Inorganic salt analysis
<b>PERIODIC TEST</b>		
<b>January</b>	Some p -Block Elements Hydrocarbons	Completion of Journal.
<b>February</b>	States of Matter: Gases and Liquids Equilibrium	
<b>March</b>	Revision	
<b>ANNUAL EXAMINATION: COMPLETE SYLLABUS</b>		

## SUBJECT: BIOLOGY

MONTH	LESSONS	ACTIVITIES/ PRACTICALS
November	Photosynthesis in Higher Plants Cell cycle and cell division	Study of distribution of stomata in the upper and lower surface of leaves. Separation of plant pigments through paper chromatography.
December	Respiration in Plants Plant - Growth and Development	Study of the rate of respiration in flower buds/leaf tissue and germinating seeds.
<b><u>Periodic Test</u></b>		
January	Breathing and Exchange of Gases Body Fluids and Circulation Excretory Products and Their Elimination	Test for presence of urea, sugar, albumin and bile salts in urine.
February	Locomotion and Movement Neural Control and Coordination Chemical Coordination and Integration	
March	Chemical Coordination and Integration (Contd.) <b>Revision</b>	
<b><u>Syllabus for Annual Examination</u></b>		

**SUBJECT: COMPUTER SCIENCE**

<b>MONTH</b>	<b>CHAPTE RS</b>	<b>ACTIVITIES/PRACTICALS</b>
<b>June</b>	Ch6. Getting Started with Python Ch7. Python Fundamentals	Program based on print, input
<b>July</b>	Ch8. Data Handling Ch9. Flow of Control	Program based on operators, if else
<b>August</b>	Ch9. Flow of Control (...continue)	Program based on Loops
<b>Syllabus for P.T.-1: Chapters: 6, 7, 8, (9-only till if statements)</b>		
<b>September</b>	Ch10: String Manipulation Ch11. List Manipulation	Program based on Strings and Lists
<b>Syllabus for Half Yearly Examination: Chapters: 6, 7, 8, 9,10,11</b>		
<b>October</b>	Ch12. Tuples Ch13. Dictionaries	Program based on Tuples
<b>November</b>	Ch1. Computer System Overview Ch2 Data Representation	Program based on Dictionaries
<b>December</b>	Ch3 Boolean Logic	Completion of Practical File
<b>Syllabus for P.T. 2 (January) : Chapters : 1,2,12 and 13</b>		

<b>January</b>	Ch15. Cyber Safety CH16. Online Access and Computer Security	Project Work
<b>February</b>	Ch17: Society Law and Ethics Ch5. Introduction to Problem Solving Ch14. Understanding Sorting	Project Work Submission
<b>March</b>	Ch4. Insight into Program Execution	
<b>Syllabus for Annual Examination: All chapters</b>		

**SUBJECT: MATHEMATICS**

MONTH	CHAPTERS
<b>October</b>	Trigonometric functions Linear Inequalities
<b>November</b>	Conic Section Introduction to 3D geometry
<b>December</b>	Probability
<b>January</b>	Permutation and Combination
<b>February</b>	Revision
<b>March</b>	Revision



