



Jagannath International School

Block- D, Pushpanjali Enclave, Pitampura, Delhi-110034

MONTH-WISE SYLLABUS 2025-26 CLASS-XI

English Core (301)

Prescribed Books: Hornbill (English Reader published by NCERT)

Snapshot (Supplementary Reader published by NCERT)

Month	Chapters	Activities
APRIL	Literature Prose: Ch-1: The Portrait of a Lady Ch-2: The Summer of a Beautiful White Horse Poem: A Photograph Writing Skills: Classified Advertisements	Make a portrait of your favourite person. Decipher the theme of the lessons done.
MAY	Literature Prose: We're not Afraid to Die... if We Can All Be Together Writing Skills: Poster Making Comprehension Passage: Note Making & Summarization Project work to be assigned	Poster Making on topics like Cyber Security, AI etc Project on multi- cultural tribes- Gond, Bhil, Khasi, Munda, Angami etc.
JULY	Literature Prose: Discovering Tut: The Saga Continues Poem: The Laburnum Top	Make a PPT on the Mummies of Egypt.
AUGUST	Literature Prose: The Address Grammar: Gap Filling (Tenses & Clauses); Reordering words/ phrases	Collect quotes and pictures of the wars going on presently and add more phrases indicating ideas of ensuring peace in the world.
SEPTEMBER	Poem: The Voice of the Rain Play: Mother's Day Writing Skills: Speech Writing	Assessment of speaking and listening skills
OCTOBER	Poem: Childhood Prose: Birth Grammar: Transformation of sentences;	Pen down a beautiful poem on natural phenomena.

NOVEMBER	Literature Prose: The Adventure Writing Skills: Debate Writing	Group discussion
DECEMBER	Literature Prose: Silk Road Poem: Father to Son	Story Narration
JANUARY	Literature Prose: The Tale of Melon City Grammar: Recapitulation of all the topics Writing Skills: Revision of Writing Skills	Debate
FEBRUARY	Revision of Literature, Grammar & Writing Skills	Assessment of speaking and listening skills

PHYSICAL EDUCATION

BOOK: SARASWATI PUBLICATION

MONTH	CHAPTERS
APRIL	UNIT 1: CHANGING TRENDS AND CAREER IN PHYSICAL EDUCATION.
MAY	UNIT 2: OLYMPISM
JULY	UNIT 3: YOGA UNIT 4: PHYSICAL EDUCATION AND SPORTS FOR CWSN(CHILDREN WITH SPECIAL NEEDS-DIVYANG)
AUGUST - SEPTEMBER	UNIT 5: PHYSICAL FITNESS, HEALTH AND WELLNESS UNIT 6: TEST MEASUREMENT AND EVALUATION
OCTOBER	UNIT 7: FUNDAMENTAL OF ANATOMY AND PHYSIOLOGY IN SPORTS
NOVEMBER	UNIT 8: FUNDAMENTAL OF KINESIOLOGY AND BIOMECHANICS IN SPORTS
DECEMBER	UNIT 9: PSYCHOLOGY AND SPORTS
JAN-FEB	UNIT10: TRAINING AND DOPING IN SPORTS

PSYCHOLOGY (037)

BOOK: A TEXTBOOK FOR PSYCHOLOGY (NCERT)

MONTH	CHAPTERS	ACTIVITIES
APRIL	UNIT-1 UNDERSTANDING PSYCHOLOGY? DIGITAL CONTENT: WATCH: PSYCHOLOGIST AT WORK? HTTP://YOUTU.BE/.V3TMEN1GIG	.DISCUSSION OF CASE STUDY TO MAKE STUDENTS AWARE ABOUT IMPORTANCE OF PSYCHOLOGY .ART INTEGRATION MAKE A COLLAGE OF WHAT IS PSYCHOLOGY,ITS SCOPE AND VARIUS BRANCHES
MAY	UNIT-2 METHODS OF ENQUIRY IN PSYCHOLOGY	.SEMINAR ON IMPORTANT METHODS OF PSYCHOLOGY
JULY	UNIT-4 HUMAN DEVELOPMENT	.PRESENTATION ON HUMAN DEVELOPMENTAL STAGES
AUGUST- SEPTEMBER	UNIT-5 SENSORY, ATTENTIONAL , AND PERCEPTUAL PROCESSES	.CRITICALLY EVALUATION OF THEORIES OF LEARNING
OCTOBER	UNIT-6 LEARNING	.EXPERIMENT : SENSATION AND LEARNING
NOVEMBER	UNIT-7 HUMAN MEMORY	.ACTIVITIES RELATED TO FORGETTING .EXPERIMENT: MEMORY
DECEMBER	UNIT-9 MOTIVATION AND EMOTION	.ACTIVITIES RELATED TO MOTIVATION .PROJECT
JAN-FEB	UNIT-8 THINKING AND REVISION	G.D.

ECONOMIC (030)

BOOK: MICRO ECONOMICS: Sandeep Garg (Dhanpat Rai Publications)

MONTH	CHAPTERS	ACTIVITY
APRIL	Ch-1: Introduction	<ul style="list-style-type: none"> Flow chart
MAY	Ch-2: Consumer's Equilibrium	<ul style="list-style-type: none"> Diagrammatic Presentation Class test
JULY	Ch-3: Demand	<ul style="list-style-type: none"> Flowchart Diagrammatic Presentation Class test
AUGUST	Ch-4: Elasticity of Demand	<ul style="list-style-type: none"> Numerical based on method of calculating Elasticity of Demand Diagrammatic Presentation Learning formulas Class test
SEPTEMBER	Revision + Project Work	
OCTOBER	Ch-5: Production Function Ch-6: Cost	<ul style="list-style-type: none"> To note down the highlights of production, cost and revenue in a company Class test

NOVEMBER	Ch-7: Revenue Ch-8: Producer's Equilibrium	<ul style="list-style-type: none"> • Flowchart • Diagram of Producer's Equilibrium • Class test
DECEMBER	Ch-9: Supply Ch-10: Main market forms	<ul style="list-style-type: none"> • Flow chart • Diagrams of Supply • Class test
JANUARY	Ch-11: Price determination and simple application	<ul style="list-style-type: none"> • Flow chart • Diagrammatic presentation • Class test
FEBRUARY	Revision	

BOOK: Statistics for Economics: Sandeep Garg (Dhanpat Rai Publications)

MONTH	CHAPTERS	ACTIVITY
APRIL	Ch-1: Concept of Economics Ch-2: Meaning, Scope and Importance of Statistics	<ul style="list-style-type: none"> • Flowchart • Oral test
MAY	Ch-3: Collection of Data	<ul style="list-style-type: none"> • Flowchart • To prepare questionnaire • Class test
JULY	Ch-4: Organisation of data Ch-5: Tabular Presentation Ch-6: Diagrammatic presentation of data Ch-7: Graphic Presentation	<ul style="list-style-type: none"> • Flow chart • Pictorial representation of data
AUGUST	Ch-8: Measures of central tendency-Arithmetic Mean	<ul style="list-style-type: none"> • Flow chart • Numerical • Class test
SEPTEMBER	Revision	<ul style="list-style-type: none"> • Oral and written test
OCTOBER	Ch-9: Measures of central tendency-Median and Mode	<ul style="list-style-type: none"> • Flow chart • Prepare a chart showing formulas of means, median and mode.
NOVEMBER	Ch-10: Measures of Correlation	<ul style="list-style-type: none"> • Numerical • Class test
DECEMBER	Ch-11: Index Numbers	<ul style="list-style-type: none"> • Numerical • Class test
JANUARY	Revision	
FEBRUARY	Revision	

POLITICAL SCIENCE

BOOKS-1: INDIAN CONSTITUTION AT WORK (NCERT)

BOOK-2: POLITICAL THEORY (NCERT)

MM: 80 + 20

MONTH	CHAPTER NAME	ACTIVITIES
	PART A: INDIAN CONSTITUTION AT WORK	
APRIL	<ul style="list-style-type: none">CHAPTER1: <u>CONSTITUTION</u>	<ul style="list-style-type: none">LEARN ABOUT PHILOSOPHY AND MAKING OF CONSTITUTIONREAD PREAMBLE AND ANALYSE.MAKE TIMELINE/FLOWCHART.
MAY	<ul style="list-style-type: none">CHAPTER-2: <u>RIGHTS IN THE INDIAN CONSTITUTION</u>CHAPTER-3: <u>ELECTION AND REPRESENTATION</u>GUIDELINES FOR PROJECT WORK	<ul style="list-style-type: none">COLLAGE –MAKING: VIOLATIONS OF RIGHTS.PPT
JUNE	SUMMER VACATIONS	
JULY	<ul style="list-style-type: none">CHAPTER-4: <u>LEGISLATURE</u>CHAPTER-5: <u>EXECUTIVE</u>CHAPTER-6: <u>JUDICIARY</u>	<ul style="list-style-type: none">DISCUSSION AND DEBATE: POWERS AND FUNCTIONS OF REAL AND NOMINAL EXECUTIVE.EXTEMPORE: Student will pick a topic from the bowl. They will start extempore by introducing themselves and about the topic.
JULY	PERIODIC TEST-1	
AUGUST	<ul style="list-style-type: none">CHAPTER-7-<u>FEDERALISM</u>CHAPTER-8: <u>LOCAL GOVERNMENT</u>CHAPTER-9: <u>CONSTITUTION AS LIVING DOCUMENT</u>	<ul style="list-style-type: none">INFORMATIONAL BROCHURE: Students will design an informational brochure to share what they have learnt about the topic.
SEPTEMBER	<ul style="list-style-type: none">REVISION FOR MID TERM EXAMINATIONMID TERM EXAMINATION	<ul style="list-style-type: none">PEN PAPER TEST FOR REVISIONQUIZ

	PART B: POLITICAL THEORY	
OCTOBER	<ul style="list-style-type: none"> CHAPTER-1: <u>POLITICAL THEORY – AN INTRODUCTION</u> CHAPTER-2: <u>FREEDOM</u> CHAPTER-3- <u>EQUALITY</u> 	<ul style="list-style-type: none"> WHAT IS POLITICS? COLLECT POLITICAL CARTOONS FROM VARIOUS NEWSPAPERS AND DISCUSSING THE ISSUES. RAISED COMPARISON BETWEEN LIBERTY AND FREEDOM. PANEL DISCUSSION: Teacher will assign topics for discussion. Will make panel (students) and proceed with discussion. DEBATE: DOES DRESS CODE CURTAIL INDIVIDUAL FREEDOM?
NOVEMBER	<ul style="list-style-type: none"> CHAPTER-4: <u>SOCIAL JUSTICE</u> CHAPTER-5: <u>RIGHTS</u> 	<ul style="list-style-type: none"> COLLABORATIVE LEARNING: ASSIGNING TASK FOR ACQUIRING INFORMATION ON DIFFERENT TYPES OF RIGHTS. COMPARATIVE ANALYSIS; DIFFERENT TYPE OF RIGHTS.
DECEMBER	<ul style="list-style-type: none"> CHAPTER-6: <u>CITIZENSHIP</u> CHAPTER-7: <u>NATIONALISM</u> PROJECT SUBMISSION 	<ul style="list-style-type: none"> DEBATE: SHOULD INDIA GRANT DUAL CITIZENSHIP? DISCUSSION: NORMS OF GRANTING CITIZENSHIP PUT FORTH BY DIFFERENT COUNTRIES.
JANURARY	<ul style="list-style-type: none"> CHAPTER-8: <u>SECULARISM</u> REVISION VIVA FOR FINAL TERM 	<ul style="list-style-type: none"> QUIZ
FEBRUARY/ MARCH	<ul style="list-style-type: none"> REVISION FOR FINAL TERM FINAL TERM EXAMINATION 	

INFORMATICS PRACTICES

TEXT BOOK: INFORMATICS PRACTICES WITH PYTHON

AUTHOR: PREETI ARORA

MONTH	COURSE CONTENT	PRACTICALS/ACTIVITIES
APRIL	Unit 3: Database concepts and the Structured Query Language <ul style="list-style-type: none">●Database Concepts: Introduction to database concepts and its need, Database Management System.●Relational data model: Concept of domain, tuple, relation, candidate key, primary key, alternate key Advantages of using Structured Query Language,●Data Definition Language, Data Query Language and Data Manipulation Language, Introduction to MySQL, creating a database using MySQL, Data Types●Data Definition: CREATE DATABASE, CREATE TABLE, DROP, ALTER	Practical File work- 5 Sets of SQL Queries
MAY	Unit 3: Database concepts and the Structured Query Language <ul style="list-style-type: none">●Data Query: SELECT, FROM, WHERE with relational operators, BETWEEN, logical operators, IS NULL, IS NOT NULL●Data Manipulation: INSERT, DELETE, UPDATE	Practical File work- 5 Datasets based on SQL
JULY	Unit 2: Introduction to Python <ul style="list-style-type: none">●Basics of Python programming, execution modes: - interactive and script mode, the structure of a program, indentation, identifiers, keywords, constants, variables.●Types of operator, precedence of operators, data types, mutable and immutable data types, statements, expression evaluation, comments, input and output statements, data type conversion, debugging.	Practical File work- 10 Programs based on python basics
AUGUST	Unit 2: Introduction to Python Control Statements: if-else, if-elif-else, while loop, for loop Introduction to Lists: list operations - creating, initializing, traversing and manipulating lists, list methods	Practical File work- 10 Programs based on Python Control statements and Lists

SEPTEMBER	List Continues... built-in list functions – len(),list(),append(),insert(), count(),index(),remove(), pop(), reverse(), sort(), min(),max(),sum()	Python programs based on List functions
OCTOBER	Unit 2: Introduction to Python Dictionary: concept of key-value pair, creating, initializing, traversing, updating and deleting elements, dictionary methods and built-in functions – dict(), len(), keys(), values(), items(), update(), del(), clear() Introduction to NumPy: Introduction, Creation of NumPy Arrays from List	-Practical File work- 5 Programs based on Python Dictionary
NOVEMBER	Unit 1: Introduction to Computer System Introduction to computer and computing: evolution of computing devices, components of a computer system and their interconnections, Input/output devices. Computer Memory: Units of memory, types of memory – primary and secondary, data deletion, its recovery and related security concerns. Software: purpose and types – system and application software, generic and specific purpose software.	Quiz on different types of softwares and computer memory
DECEMBER	Unit 4: Introduction to the Emerging Trends Artificial Intelligence, Machine Learning, Natural Language Processing, Immersive experience (AR, VR), Robotics, Big data and its characteristics. Internet of Things (IoT), Sensors, Smart cities, Cloud Computing and Cloud Services (SaaS, IaaS, PaaS); Grid Computing, Block chain technology.	Digital poster making on ai & robotics/cloud computing
JANUARY	<ul style="list-style-type: none"> - Python Programs - SQL Queries on different datasets 	
FEBRUARY	RECAPITULATION	

MATHEMATICS

BOOK: N.C.E.R.T. BOOK

<u>MONTHS</u>	<u>CHAPTERS</u>	<u>ACTIVITY</u>
APRIL	CH – 5 LINEAR INEQUALITIES CH – 4 COMPLEX NUMBERS AND QUADRATIC EQUATIONS CH – 11 INTRODUCTION TO 3-D GEOMETRY	<ul style="list-style-type: none"> • CALCULATING DISTANCE BETWEEN TWO POINTS GRAPHICALLY AND VERIFY DISTANCE FORMULA • GROUP DISCUSSION - (REAL NUMBERS VS COMPLEX NUMBERS) • WORKSHEETS
MAY	CH – 1 SETS	<ul style="list-style-type: none"> • VENN DIAGRAMS ON

	CH – 2 RELATIONS AND FUNCTIONS	VARIOUS TYPES OF NUMBERS <ul style="list-style-type: none"> • FLOW CHARTS RELATING FAMILY MEMBERS USING TYPES OF RELATIONS
JULY	CH – 3 TRIGONOMETRIC FUNCTIONS CH – 6 PERMUTATIONS AND COMBINATIONS	<ul style="list-style-type: none"> • FORMULAE CHARTS • WORKSHEETS
AUGUST & SEPTEMBER	CH – 7 BINOMIAL THEOREM CH – 8 SEQUENCES AND SERIES	<ul style="list-style-type: none"> • MODEL ON PASCAL'S LAW
OCTOBER	CH – 9 STRAIGHT LINES CH – 10 CONIC SECTIONS	<ul style="list-style-type: none"> • GRAPH MAKING OF VARIOUS TYPES OF CONICSECTIONS
NOVEMBER	CH – 12 LIMITS AND DERIVATIVES	<ul style="list-style-type: none"> • FINDING DERIVATIVE'S REAL WORLD USAGE
DECEMBER & JANUARY	CH – 13 STATISTICS CH – 14 PROBABILITY	<ul style="list-style-type: none"> • INFOGRAPHIC MAKING ON TEMPERATURE DATA • FLASHCARDS ON TYPES OF EVENTS

BUSINESS STUDIES

BOOK: NCERT

MONTHS	CHAPTERS	ACTIVITIES
APRIL	PART A: <u>CH – 1 NATURE AND PURPOSE OF BUSINESS</u>	Examples of Car & Cake Manufacturers
MAY	<u>CH – 2 FORMS OF BUSINESS ORGANISATIONS</u>	Real-life examples, Dividing the class into different groups whereby each group represents a particular form of business organization
JULY	<u>CH – 3 PRIVATE, PUBLIC AND GLOBAL ENTERPRISES</u> <u>CH – 5 EMERGING MODES OF BUSINESS</u>	Real-life examples, asking students to write a short note on how emerging modes of business have affected their lives
AUGUST	<u>CH – 4 BUSINESS SERVICES</u>	Real-life examples, asking students to write a short note on how business services are helping them buy different products
SEPTEMBER	<u>CH – 6 SOCIAL RESPONSIBILITIES OF BUSINESS AND BUSINESS ETHICS</u>	Case-Studies Discussion
OCTOBER	PART B: CH – 9 INTERNAL TRADE <u>CH – 10 INTERNATIONAL BUSINESS</u>	Explaining the process of Imports & Exports by dividing the students as Importers & Exporters

NOVEMBER	<u>CH – 7 SOURCES OF BUSINESS FINANCE</u>	Elaboration & Discussion method, Introducing students to Finance
DECEMBER	<u>CH – 8 SMALL BUSINESS AND ENTERPRISES</u>	Case-Studies Discussion

ACCOUNTANCY

BOOK: T.S. GREWAL'S

<u>MONTHS</u>	<u>CHAPTERS</u>
APRIL	CH – 1 INTRODUCTION TO ACCOUNTING CH – 2 BASIC ACCOUNTING TERMS CH – 3 THEORY BASE OF ACCOUNTING, ACCOUNTING STANDARDS AND INDIAN ACCOUNTING STANDARDS CH – 4 BASES OF ACCOUNTING
MAY	CH – 5 ACCOUNTING EQUATION CH – 6 ACCOUNTING PROCEDURES – RULES OF DEBIT AND CREDIT CH – 7 ORIGIN OF TRANSACTIONS – SOURCE DOCUMENTS AND PREPARATION OF VOUCHERS
JULY	CH – 8 JOURNAL
AUGUST	CH – 9 LEDGER
SEPTEMBER	CH – 10 SPECIAL PURPOSE BOOKS I – CASH BOOK
OCTOBER	CH – 11 SPECIAL PURPOSE BOOKS II – OTHER BOOKS CH – 12 ACCOUNTING OF GOODS AND SERVICES TAX (GST)
NOVEMBER	CH -14 TRIAL BALANCE CH – 15 DEPRECIATION CH – 16 PROVISIONS AND RESERVES
DECEMBER	CH – 17 RECTIFICATION OF ERRORS CH – 18 FINANCIAL STATEMENTS OF SOLE PROPRIETORSHIP
JANUARY	CH – 19 ADJUSTMENTS IN PREPARATION OF FINANCIAL STATEMENTS CH – 13 BANK RECONCILIATION STATEMENT

PHYSICS

BOOKS:

- NCERT PHYSICS
- MODERN'S ABC OF PHYSICS
- COMPREHENSIVE PHYSICS LAB MANUAL

MONTH	CHAPTERS	PRACTICALS
APRIL	CHAPTER-1 UNITS AND MEASUREMENT CHAPTER-2 MOTION IN A STRAIGHT LINE	➤ TO MEASURE DIAMETER OF SMALL SPHERICAL BODIES USING VERNIER CALLIPERS.
MAY	CHAPTER-3 MOTION IN A PLANE	➤ TO MEASURE DIMENSIONS OF A BODY USING SCREW GAUGE.

JULY	CHAPTER-4 LAWS OF MOTION CHAPTER-5 WORK, ENERGY AND POWER	➤ TO FIND THE WEIGHT OF A GIVEN BODY USING PARALLELOGRAM LAW OF VECTORS. ➤ USING A SIMPLE PENDULUM, PLOT L-T AND L-T ² GRAPHS. HENCE FIND THE EFFECTIVE LENGTH OF A PENDULUM.
AUGUST – SEPTEMBER	CHAPTER-6 SYSTEM OF PARTICLES AND ROTATIONAL MOTION CHAPTER-7 GRAVITATION	➤ TO STUDY THE RELATIONSHIP BETWEEN FORCE OF LIMITING FRICTION AND NORMAL REACTION AND TO FIND THE COEFFICIENT OF FRICTION.
OCTOBER	CHAPTER-8 MECHANICAL PROPERTIES OF SOLIDS CHAPTER-9 MECHANICAL PROPERTIES OF FLUIDS	➤ TO FIND FORCE CONSTANT OF A HELICAL SPRING BY PLOTTING GRAPH BETWEEN LOAD AND EXTENSION.
NOVEMBER	CHAPTER-10 THERMAL PROPERTIES OF MATTER CHAPTER-11 THERMODYNAMICS	➤ TO DETERMINE COEFFICIENT OF VISCOSITY OF A GIVEN VISCOUS LIQUID BY MEASURING THE TERMINAL VELOCITY OF A GIVEN SPHERICAL BODY
DECEMBER	CHAPTER-12 KINETIC THEORY CHAPTER-13 OSCILLATIONS CHAPTER-14 WAVES	➤ TO STUDY THE RELATION BETWEEN FREQUENCY AND LENGTH OF A GIVEN WIRE UNDER CONSTANT TENSION USING SONOMETER.

CHEMISTRY

BOOKS PRESCRIBED:

- NCERT, CHEMISTRY
- MODERN'S ABC OF CHEMISTRY
- COMPREHENSIVE LAB MANUAL

MONTH	CHAPTERS	ACTIVITIES
APRIL	UNIT-1 SOME BASIC CONCEPTS OF CHEMISTRY UNIT-7 REDOX REACTIONS	-

MAY	UNIT-2 ATOMIC STRUCTURE UNIT-3 CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES (HALF)	➤ CRYSTALLIZATION
JULY	UNIT-3 CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES (HALF) UNIT-4 CHEMICAL BONDING & MOLECULAR STRUCTURE	➤ VOLUMETRIC ANALYSIS (Preparation of standard solution)
AUG-SEPT	UNIT-5 THERMODYNAMICS	➤ SALT ANALYSIS (Dilute H ₂ SO ₄)
OCTOBER	UNIT-8 GENERAL ORGANIC CHEMISTRY	➤ VOLUMETRIC ANALYSIS
NOVEMBER	UNIT-9 HYDROCARBONS	➤ SALT ANALYSIS (Conc. H ₂ SO ₄)
DECEMBER	UNIT-6 CHEMICAL EQUILIBRIUM	-

BIOLOGY

BOOKS:

NCERT Biology

Comprehensive Practical

MONTH	CHAPTERS	PRACTICALS
April	Ch-2 Biological Classification Ch-10 Cell Cycle and Cell Division Ch-5 Morphology of Flowering Plants	Study and describe locally available common flowering plants, from family Solanaceae
May	Ch-4 Animal Kingdom Ch-6 Anatomy of Flowering Plants Ch-7 Structural Organisation in Animals (Frog only) Ch-8 Cell: The Unit of Life (Half)	Preparation and study of T.S. of dicot and monocot roots and stems (primary) Study of osmosis by potato osmometer
July	Ch-8 Cell: The Unit of Life (Half) Ch-9 Biomolecules Ch-3 Plant Kingdom Ch-12 Respiration in Plants (Respiratory Quotient only)	Study of distribution of stomata on the upper and lower surfaces of leaves Comparative study of the rates of transpiration in the upper and lower surfaces of leaves
August-September	Ch-11 Photosynthesis in Higher Plants Ch-13 Plant Growth and Development (Phytohormones only)	Test for the presence of sugar, starch, proteins and fats in suitable plant and animal materials Separation of plant pigments through paper chromatography

October	Ch-14 Breathing and Exchange of Gases Ch-15 Body Fluids and Circulation Ch-1 The Living World	Study of the rate of respiration in flower buds/leaf tissue and germinating seeds.
November	Ch-16 Excretory Products and their Elimination Ch-17 Locomotion and Movement	Spottings
December	Ch-18 Neural Control and Coordination Ch-19 Chemical Coordination and Integration	

COMPUTER SCIENCE

TEXT BOOK: COMPUTER SCIENCE WITH PYTHON

AUTHOR: PREETI ARORA

PUBLICATION: SULTAN CHAND AND SONS

MONTH	CHAPTER	PRACTICALS/ACTIVITIES
April	Unit 2: Computational Thinking and Programming - I Ch-3 Getting Started with python Ch-4 Python Programming Fundamentals Ch-5 Conditional and Looping Construct (Conditional statements)	Practical File work- 10 Programs based on python basics and Conditional statements.
May	Unit 2: Computational Thinking and Programming - I Ch-5 Conditional and Looping Construct (Loop statements) Ch-6 Strings in Python	Practical File work- 10 Programs based on python loops and strings
July	Unit 1: Computational Thinking and Programming – 1 Ch-7 Lists in Python Ch-8 Tuples and Dictionary (Basics of tuples)	Practical File Work- 10 Programs based on Python List and Tuples
August-September	Unit 2: Computational Thinking and Programming - I (Ch-9) Ch-8 Tuples and Dictionary (Dictionary and its operations in python)	Practical File work- 5 Programs based on Python Dictionary
October	Unit 2: Computational Thinking and Programming – I Ch-9 Introduction to python modules	Python programs based on sequences in python

November	Unit 3: Society, Law and Ethics Ch-10 Society, Law and Ethics	Quiz on digital footprints
December	Unit 3: Society, Law and Ethics Ch-11 Cyber Safety Unit 1: Computer Systems and Organisation Ch-1 Computer System Organisation	Presentation on Cyber safety Quiz on Computer memory and its devices
January	Unit 1: Computer Systems and Organisation Ch-2 Data Representation and Boolean Logic RECAPITULATION	Quiz on Boolean logic