

ACADEMIC PLANNER 2026-27



SCIENCE



BISHOP SCOTT BOYS' SCHOOL

Affiliated to CBSE, New Delhi (Up to +2)

Brahmpur, Jaganpura, By-Pass, Patna - 804453



Syllabus

Session – 2026-27

Grade –XI (SCIENCE)

Months	Course Descriptions	Portions for PTs & Term Assessments
April	HORNBILL The Portrait of a Lady (Prose) A Photograph (Poetry) SNAPSHOTS The Summer of the Beautiful White Horse (Prose)	
May	HORNBILL We're Not Afraid to Die... if We Can All Be Together (Prose) ADVANCED WRITING SKILLS Poster Writing GRAMMAR Tenses Sentence Re-ordering	
June	SNAPSHOTS The Address (Prose) ADVANCED WRITING SKILLS Classified Advertisements	
July	HORNBILL Discovering Tut: The Saga Continues (Prose) ADVANCED WRITING SKILLS Speech Writing Debate Writing	<u>PORTION FOR PT-1</u> <u>READING SKILLS:</u> 1. Factual/Descriptive/Literary Passage 2. Case-Based Factual Passage <u>HORNBILL:</u> 1. The Portrait of a Lady 2. We're Not Afraid to Die... if We Can All Be Together 3. A Photograph <u>SNAPSHOTS:</u> 1. The Summer of the Beautiful White Horse <u>GRAMMAR:</u> 1. Tenses 2. Sentence Reordering <u>ADVANCED WRITING SKILLS:</u> 1. Poster Writing 2. Speech Writing
August	HORNBILL The Laburnum Top (Poetry) The Voice of the Rain (Poetry) READING SKILLS Note Making and Summarisation	
September	HORNBILL Childhood (Poetry) GRAMMAR Clauses	

TERM -1 EXAM PORTION

September	READING SKILLS: 1. Factual/Descriptive/Literary Passage 2. Case-Based Factual Passage 3. Note Making and Summarisation HORNBILL: 1. The Portrait of a Lady 2. We're Not Afraid to Die... if We Can All Be Together 3. A Photograph 4. The Laburnum Top 5. The Voice of the Rain	SNAPSHOTS: 1. The Summer of the Beautiful White Horse 2. The Address GRAMMAR: 1. Tenses 2. Sentence Reordering ADVANCED WRITING SKILLS: 1. Poster Writing 2. Classified Advertisements 3. Speech Writing 4. Debate Writing
October	HORNBILL The Adventure (Prose) SNAPSHOTS Mother's Day (Play)	
November	HORNBILL Father to Son (Poetry) The Silk Road (Prose) SNAPSHOTS Birth (Prose)	
PERIODIC TEST - 2 PORTION		
November	READING SKILLS: 1. Factual/Descriptive/Literary Passage 2. Case-Based Factual Passage 3. Note Making and Summarization HORNBILL: 1. Silk Road 2. Childhood 3. Father to Son	SNAPSHOTS: 1. Mother's Day GRAMMAR: 1. Clauses 2. Tenses 3. Sentence Reordering ADVANCED WRITING SKILLS: 1. Poster Writing 2. Classified Advertisements 3. Speech Writing 4. Debate Writing
December	SNAPSHOTS The Tale of Melon City (Poetry) GRAMMAR Transformation of Sentences	
January & February	Revision	TERM -2 EXAMINATION Note: This examination will cover the entire syllabus of the course as prescribed by the CBSE, Delhi.

Months	Course Descriptions	Portions for PTs & Term Assessments
April	Chapter 1: Units and Measurements Chapter 2: Motion in a Straight Line	
May & June	Chapter 3: Motion in a Plane	
July	Chapter 4: Laws of Motion Chapter 5: Work, Energy and Power	<u>PORTION FOR PT-1</u> Chapter 1: Units and Measurements Chapter 2: Motion in a Straight Line
August	Chapter 6: System of Particles and Rotational Motion Chapter 7: Gravitation Revision for Term 1	
September	<u>PORTION FOR TERM - I</u>	
	Chapter 1: Units and Measurements Chapter 2: Motion in a Straight Line Chapter 3: Motion in a Plane Chapter 4: Laws of Motion	Chapter 5: Work, Energy and Power Chapter 6: System of Particles and Rotational Motion Chapter 7: Gravitation
September (Term 2)	Chapter 8: Mechanical Properties of Solids	
October	Chapter 9: Mechanical Properties of Fluids Chapter 10: Thermal Properties of Matter	
November	Chapter 11: Thermodynamics	
December	Chapter 12: Kinetic Theory Chapter 13: Oscillations	<u>PORTION FOR PT-2</u> Chapter 8: Mechanical Properties of Solids Chapter 9: Mechanical Properties of Fluids
January	Chapter 14: Waves	
February & March	Revision For Term-2 Exam	<u>Term-2 Examination</u> Full Syllabus (Including Practicals)

Month	Course Description	Portion for PT & TERM Assessment
April	Chapter 1 : Basic Concepts of Chemistry	
May	Chapter 2 : Structure of Atom	
June	Chapter 3 : Classification of Elements and Periodicity in Properties	
July	Chapter 3 : Classification of Elements and Periodicity in Properties – contd. Chapter 4 : Chemical Bonding and Molecular Structure	<u>PT- 1 EXAM (09.07.2026)</u> Chapter 1 : Basic Concepts of Chemistry Chapter 2 : Structure of Atom (Till June)
August	Chapter 5 : Thermodynamics Revision for Term 1 Exam	<u>TERM -1 PRACTICAL EXAM</u> Expected to begin from 21.08.2026
September		<u>TERM-1EXAM</u> <u>(01.09.2026 To 18 .09.2026)</u> Chapter 1 : Basic Concepts of Chemistry Chapter 2 : Structure of Atom Chapter 3 : Classification of Elements and Periodicity in Properties – contd. Chapter 4 : Chemical Bonding and Molecular Structure Chapter 5 : Thermodynamics
September	Chapter 5 : Thermodynamics – contd.	
October	Chapter 6 : Equilibrium Chapter 7 : Redox Reactions	
November	Chapter 7 : Redox Reactions – contd. Chapter 8 : Organic Chemistry – Some Basic Principles and Techniques	
December	Chapter 8 : Organic Chemistry – Some Basic Principles and Techniques – contd. Chapter 9: Hydrocarbons	<u>PT- 2 EXAM (03.12.2026)</u> Chapter 6 : Equilibrium Chapter 7 : Redox Reactions
January	Chapter 9 : Hydrocarbons – contd.	
February & March	Revision Term 2 Exam (Theory & Practical)	<u>TERM- 2 PRACTICAL EXAM</u> <u>(BEGINS FROM 12.02.2027)</u> All experiments TERM- 2 EXAM BEGINS FROM 22.02.2027 FULL SYLLABUS

SUBJECT : BIOLOGY (044)**CLASS: XI****ACADEMIC PLAN 2026-27**

Month	Course Description	Portion for PT & TERM Assessment
April	Chapter 3 : Plant Kingdom Chapter 4 : Animal Kingdom	
May	Chapter 2 : Biological Classification Chapter 7 : Structural Organisation in Animals	
June	Chapter 7 : Structural Organisation in Animals (contd.) Chapter 1 : The living World	
July	Chapter 8 : Cell: The unit of life Chapter 18 : Neural Control and coordination	<u>PT- 1 EXAM</u> Chapter 3 : Plant Kingdom Chapter 4 : Animal Kingdom
August	Chapter 10: Cell cycle and cell division Chapter 19 : Chemical Coordination and Integration	
September	Chapter 6 : Anatomy of Flowering plants Chapter 5 : Morphology of plants	
<u>TERM- 1 EXAMINATION</u>		
September	Chapter 1: The living World Chapter 2: Biological Classification Chapter 3: Plant Kingdom Chapter 4: Animal Kingdom Chapter 5: Morphology of plants Chapter 7: Structural Organisation in Animals (contd.)	Chapter 8 : Cell: The unit of life Chapter 10: Cell cycle and cell division Chapter 18 : Neural Control and coordination Chapter 19 : Chemical Coordination and Integration
October	Chapter 6 : Anatomy of flowering plants Chapter 12 : Respiration in Plants Chapter 14 : Breathing and Exchange of Gases	
November	Chapter 15 : Body Fluids and Circulation Chapter 11 : Photosynthesis in higher plants	
December	Chapter 16 : Excretory Products And their Elimination Chapter 13 : Plant Growth and development	<u>PT- 2 EXAM</u> Chapter 6 : Anatomy of flowering plants Chapter 14 : Breathing and Exchange of Gases
January	Chapter 9 : Biomolecules Chapter 17 : Locomotion and movement (continued)	
February & March	Revision	<u>TERM- 2 Exam</u> Full Syllabus

Month	Course Description	Portion for PT & TERM Assessment
April	CHAPTER 1: SETS	
May	CHAPTER 3 : TRIGONOMETRIC FUNCTIONS	
June	CHAPTER 5: COMPLEX NUMBERS AND QUADRATIC EQUATIONS	
July	CHAPTER 5: COMPLEX NUMBERS AND QUADRATIC EQUATIONS...Contd CHAPTER 6: LINEAR INEQUALITIES CHAPTER 8: BINOMIAL THEOREM	<u>PT- 1 EXAM</u> CHAPTER 1: SETS CHAPTER 3 : TRIGONOMETRIC FUNCTIONS
August	CHAPTER 8: BINOMIAL THEOREM...Contd. CHAPTER 16 : PROBABILITY REVISION	
September	CHAPTER 10: STRAIGHT LINES	
	<u>TERM-I EXAM & TERM-II BEGINS</u>	
	CHAPTER 1 : SETS CHAPTER 3 : TRIGONOMETRIC FUNCTIONS CHAPTER 5 : COMPLEX NUMBERS AND QUADRATIC EQUATIONS	CHAPTER 6 : : LINEAR INEQUALITIES CHAPTER 8 : BINOMIAL THEOREM CHAPTER 16 : PROBABILITY
October	CHAPTER 10: STRAIGHT LINES... Contd. CHAPTER 11: CONIC SECTIONS	
November	CHAPTER 12: INTRODUCTION TO THREE-DIMENSIONAL GEOMETRY	
December	CHAPTER 9: SEQUENCE AND SERIES CHAPTER 7: PERMUTATIONS AND COMBINATIONS CHAPTER 2: RELATIONS AND FUNCTIONS	<u>PT- 2 EXAM</u> CHAPTER 10: STRAIGHT LINE CHAPTER 11: CONIC SECTIONS
January	CHAPTER 13: LIMITS AND DERIVATIVES CHAPTER 15: STATISTICS	
February & March		<u>TERM- 2 EXAM</u> <u>WHOLE SYLLABUS</u>

SUBJECT : INFORMATICS PRACTICES (065) CLASS: XI ACADEMIC PLAN 2026-27

Month	Course Description	Portion for PT & TERM Assessment
April	CHAPTER 3 : BRIEF OVERVIEW OF PYTHON (GETTING STARTED WITH 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	
May	CHAPTER 3 : BRIEF OVERVIEW OF PYTHON (PYTHON PROGRAMMING FUNDAMENTALS) <ul style="list-style-type: none">• Types of operators, precedence of operators• Data types, mutable and immutable data types• Statements, expressions, evaluation and comments, input and output statements• Data type conversion• Debugging	
June	CHAPTER 3 : BRIEF OVERVIEW OF PYTHON (CONDITIONAL AND LOOPING CONSTRUCTS) <ul style="list-style-type: none">• Control Statements: if-else, if-elif-else, while loop, for loop CHAPTER 1 : COMPUTER SYSTEM <ul style="list-style-type: none">• 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	
July	CHAPTER 4 : WORKING WITH LISTS AND DICTIONARIES Lists: list operations - creating, initializing, traversing and manipulating	PT - 1 PORTION CHAPTER – 3 BRIEF OVERVIEW OF PYTHON

	lists, list methods and built-in functions – len(),list(),append(),insert(), count(),index(),remove(), pop(), reverse(), sort(), min(),max(),sum()	
August	CHAPTER 4 : WORKING WITH LISTS AND DICTIONARIES (CONTINUED) 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()	<u>TERM - I EXAM</u> CHAPTER –3 BRIEF OVERVIEW OF PYTHON CHAPTER –4 WORKING WITH LISTS AND DICTIONARIES
September	TERM – I EXAMINATION	
October	CHAPTER 6 : INTRODUCTION TO NUMPY <ul style="list-style-type: none"> • Introduction, Creation of NumPy Arrays from List CHAPTER 7 : DATABASE CONCEPTS <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	
November	CHAPTER 8 : STRUCTURED QUERY LANGUAGE(SQL) <ul style="list-style-type: none"> • 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 • Data Query: SELECT, FROM, WHERE with relational operators, BETWEEN, • Logical operators, IS NULL, IS NOT NULL • Data Manipulation: INSERT, DELETE,UPDATE 	
December	CHAPTER 2 : INTRODUCTION TO THE EMERGING TRENDS <ul style="list-style-type: none"> • Artificial Intelligence, Machine Learning, Natural Language Processing, Immersive experience (AR, VR), 	<u>PT -2 PORTION</u> CHAPTER 6 : INTRODUCTION TO NUMPY CHAPTER 7: DATABASE CONCEPTS CHAPTER 8 : STRUCTURED QUERY

	Robotics <ul style="list-style-type: none"> • 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	LANGUAGE(SQL)
January	Revision	
February & March	TERM-II EXAMINATIONS	TERM -2 EXAM COMPLETE SYLLABUS

SUBJECT : PHYSICAL EDU. (048) CLASS: XI ACADEMIC PLAN 2026-27

Month	Course Description	Portion for PT & TERM Assessment
April	CHAPTER 1: CHANGING TRENDS & CAREER IN PHYSICAL EDUCATION CHAPTER 2 : OLYMPISM VALUE EDUCATION	
May & June	CHAPTER 3 : YOGA CHAPTER 4 : PHYSICAL EDUCATION AND SPORTS FOR CHILDREN WITH SPECIAL NEEDS	
July	CHAPTER 5 : PHYSICAL FITNESS, WELLNESS, AND LIFESTYLE CHAPTER 6 : TEST, MEASUREMENT & EVALUATION	<u>PORTION FOR P.T -1</u> CHAPTER 1: CHANGING TRENDS & CAREER IN PHYSICAL EDUCATION CHAPTER 2 : OLYMPISM VALUE EDUCATION
August	CHAPTER 7 : FUNDAMENTALS OF ANATOMY, PHYSIOLOGY IN SPORTS CHAPTER 8 : FUNDAMENTALS OF KINESIOLOGY AND BIOMECHANICS IN SPORTS	
September	Revision	<u>PORTION FOR TERM -1</u> CHAPTER 1: CHANGING TRENDS & CAREER IN PHYSICAL EDUCATION CHAPTER 2 : OLYMPISM VALUE EDUCATION CHAPTER 3 : YOGA CHAPTER 4 : PHYSICAL EDUCATION AND SPORTS FOR CHILDREN WITH SPECIAL NEEDS CHAPTER 5 : PHYSICAL FITNESS, WELLNESS, AND LIFESTYLE

October	CHAPTER 9 : PSYCHOLOGY & SPORTS	
November	CHAPTER 10 : TRAINING & DOPING IN SPORTS	
December	Revision	<u>PORTION FOR P.T -2</u> CHAPTER 9 : PSYCHOLOGY & SPORTS CHAPTER 10 : TRAINING & DOPING IN SPORTS
January & February	Revision	<u>TERM-2 EXAM</u> CHAPTER 6 : TEST, MEASUREMENT & EVALUATION CHAPTER 7 : FUNDAMENTALS OF ANATOMY, PHYSIOLOGY IN SPORTS CHAPTER 8 : FUNDAMENTALS OF KINESIOLOGY AND BIOMECHANICS IN SPORTS CHAPTER 9 : PSYCHOLOGY & SPORTS CHAPTER 10 : TRAINING & DOPING IN SPORTS

