

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 –XII (SCIENCE)

Months	Course Descriptions	Portions for PTs & Term Assessments
April	FLAMINGO The Last Lesson (Prose) My Mother at Sixty-six (Poetry) VISTAS The Third Level (Prose)	
May	FLAMINGO Lost Spring (Prose) ADVANCED WRITING SKILLS <ul style="list-style-type: none"> • Notice Writing • Letter to Editor 	
June	VISTAS The Tiger King (Prose) ADVANCED WRITING SKILLS <ul style="list-style-type: none"> • Report Writing 	
July	FLAMINGO Deep Water (Prose) Keeping Quiet (Poetry) VISTAS Journey to the End of the Earth(Prose)	<u>PORTION FOR PT-1</u> READING SKILLS: 1. Factual/Descriptive/Literary Passage 2. Case-Based Factual Passage FLAMINGO: 1. The Last Lesson (Prose) 2. Lost Spring (Prose) 3. My Mother at Sixty-six (Poetry) VISTAS: 1. The Third Level 2. The Tiger King ADVANCED WRITING SKILLS: 1. Notice 2. Letter to Editor
August	FLAMINGO The Rattrap (Prose) A Thing of Beauty (Poetry)	
September	ADVANCED WRITING SKILLS <ul style="list-style-type: none"> • Invitation • Job Application • Article Writing FLAMINGO Indigo (Prose) VISTAS The Enemy (Prose)	
	<u>PORTION FOR TERM – 1</u>	
	READING SKILLS: 1. Factual/Descriptive/Literary Passage 2. Case-Based Factual Passage	VISTAS: 1. The Third Level 2. The Tiger King

	FLAMINGO: 1. The Last Lesson (Prose) 2. Lost Spring (Prose) 3. Deep Water (Prose) 4. The Rattrap (Prose) 5. My Mother at Sixty-six (Poetry) 6. Keeping Quiet (Poetry) 7. A Thing of Beauty (Poetry)	3. Journey to the End of the Earth ADVANCED WRITING SKILLS: 1. Notice 2. Invitation 3. Letter to Editor 4. Report
October	FLAMINGO Poets and Pancakes (Prose) A Roadside Stand (Poetry) VISTAS On the Face of It (Play)	
November	FLAMINGO The Interview (Prose) Aunt Jennifer's Tigers (Poetry) Going Places (Prose) VISTAS Memories of Childhood (Prose)	
December & January	REVISION	PRE-BOARD EXAMINATION Note: This examination will cover the entire syllabus of the course as prescribed by the CBSE, Delhi

SUBJECT: PHYSICS (042)

CLASS: XII

ACADEMIC PLAN 2026-27

Months	Course Descriptions	Portions for PTs & Term Assessments
April	Chapter 1: Electric Charges and Fields Chapter 2: Electrostatic Potential and capacitance	
May & June	Chapter 3: Current electricity Chapter 4: Moving Charge and Magnetism	
July	Chapter 5: Magnetism and Matter Chapter 6: Electromagnetic Induction Chapter 8: Electromagnetic Wave	PORTION FOR PT-1 Chapter 1: Electric Charges and Fields Chapter 2 : Electrostatic Potential and capacitance
August	Chapter 7: Alternating Current Chapter 9: Ray optics and optical instruments Revision	Term 1 Practical Exam Expected to begin from 21.08.26

September	PORTION FOR TERM - I	
	Chapter 1: Electric Charges and Fields Chapter 2: Electrostatic Potential and capacitance Chapter 3: Current electricity Chapter 4: Moving Charge and Magnetism Chapter 5: Magnetism and Matter Chapter 6: Electromagnetic Induction Chapter 7: Alternating Current Chapter 8: Electromagnetic Wave	
September (Term 2)	Chapter 10: Wave Optics	
October	Chapter 11: Dual nature of radiation and matter Chapter 12: Atoms	
November	Chapter 13: Nuclei Chapter 14: Semiconductor Electronics: Materials, Devices and Simple Circuits	
December & January	Revision	PRE - BOARD 1 & 2 Full Syllabus

SUBJECT : CHEMISTRY (043) CLASS: XII ACADEMIC PLAN 2026-27

Month	Course Description	Portion for PT & TERM Assessment
April & May	Chapter 6: Haloalkanes & Haloarenes Chapter 7: Alcohols, Phenols & Ethers	
May & June	Chapter 8: Aldehydes, Ketones & Carboxylic acids	
July	Chapter 9: Amines Chapter 10: Biomolecules Chapter 1: Solutions	<u>PT - 1 EXAM</u> Chapter 6: Haloalkanes & Haloarenes Chapter 7: Alcohols, Phenols & Ethers
August	Chapter 1: Solutions – contd. Chapter 2: Electrochemistry Revision for Term 1	Term -1 Practical Exam Expected to begin from 21.08.26
September		<u>TERM -1 EXAM</u> Chapter 1: Solutions Chapter 6: Haloalkanes & Haloarenes Chapter 7: Alcohols, Phenols & Ethers Chapter 8: Aldehydes, Ketones & Carboxylic acids Chapter 10: Biomolecules

September (Term 2 begins)	Chapter 2: Electrochemistry – (contd.)	
October	Chapter 3: Chemical Kinetics Chapter 4: The <i>d</i> & <i>f</i> Block Elements	
November	Chapter 5: Coordination Compounds Revision	
December & January	Revision	PRE – BOARD 1 & 2 Full Syllabus

SUBJECT : BIOLOGY (044)

CLASS: XII

ACADEMIC PLAN 2026-27

Month	Course Description	Portion for PT & TERM Assessment
April	Chapter- 1 Sexual reproduction in flowering plants Chapter - 2 Human Reproduction	
May	Chapter - 2 Human Reproduction Chapter - 3 Reproductive Health Chapter -11 Organism and population	
June	Chapter -8 Microbes in Human welfare Chapter - 3 Reproductive Health	
July	Chapter - 4 Principle of inheritance and variation Chapter - 6 Evolution	<u>PT - 1 EXAM</u> Chapter- 1 Sexual reproduction in flowering plants Chapter - 2 Human Reproduction
August	Chapter – 5 Molecular basis of inheritance Chapter – 7 Human health and disease Revision	
September	Chapter -12 Ecosystem Chapter - 9 Biotechnology: Principle and processes	<u>TERM -1 EXAM</u> Chapter- 1 Sexual reproduction in flowering plants Chapter - 2 Human Reproduction Chapter - 3 Reproductive Health Chapter - 4 Principle of inheritance and variation Chapter – 5 Molecular basis of inheritance Chapter - 6 Evolution Chapter - 8 Microbes in Human welfare Chapter -11 Organism and population

October	Chapter -13 Biodiversity and its conservation Chapter - 9 Biotechnology: Principle and processes Chapter -10 Biotechnology and its application	
November	Chapter -13 Biodiversity and its conservation Chapter -10 Biotechnology and its application Revision	
December & January	Revision	PRE - BOARD 1 & 2 Full Syllabus

SUBJECT : MATHEMATICS (041)

CLASS: XII ACADEMIC PLAN 2026-27

Month	Course Description	Portion for PT & TERM Assessment
April	CHAPTER 3: MATRICES CHAPTER 4: DETERMINANTS CHAPTER 5: CONTINUITY AND DIFFERENTIABILITY	
May	CHAPTER 5: CONTINUITY AND DIFFERENTIABILITY... Contd. CHAPTER 12: LINEAR PROGRAMMING	
June	CHAPTER 6: APPLICATION OF DERIVATIVES	
July	CHAPTER 6: APPLICATION OF DERIVATIVES..... Contd. CHAPTER 10: VECTORS CHAPTER 11: THREE DIMENSIONAL GEOMETRY	<u>PT - 1 EXAM</u> CHAPTER 3: MATRICES CHAPTER 4: DETERMINANTS
August	CHAPTER 1: RELATIONS AND FUNCTIONS CHAPTER 2: INVERSE TRIGONOMETRIC FUNCTIONS	
September	CHAPTER 7: INTEGRALS	
September	<u>TERM -1 EXAM PORTION</u>	
	CHAPTER 1: RELATIONS AND FUNCTIONS CHAPTER 2 : INVERSE TRIGONOMETRIC FUNCTIONS CHAPTER 3 : MATRICES CHAPTER 4 : DETERMINANTS	CHAPTER 6 : APPLICATION OF DERIVATIVES CHAPTER 10 : VECTORS CHAPTER 11 : THREE DIMENSIONAL GEOMETRY CHAPTER 12 : LINEAR PROGRAMMING

	CHAPTER 5 : CONTINUITY AND DIFFERENTIABILITY	
October	CHAPTER 7: INTEGRALS....Contd. CHAPTER 8: APPLICATION OF INTEGRALS CHAPTER 9 : DIFFERENTIAL EQUATIONS	
November	CHAPTER 9: DIFFERENTIAL EQUATIONS... Contd. CHAPTER 13: PROBABILITY	
December & January	Revision	PRE - BOARD 1 & 2 FULL SYLLABUS

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

Month	Course Description	Portion for PT & TERM Assessment
April	CHAPTER 1 : DATA HANDLING USING PANDAS-I	
May	CHAPTER 1 : DATA HANDLING USING PANDAS-I (Continued)	
June	CHAPTER 3 : PLOTTING DATA USING MATPLOTLIB	
July	CHAPTER 1 : QUERYING AND SQL FUNCTIONS	<u>PT - 1 EXAM</u> CHAPTER – 2 DATA HANDLING USING PANDAS - I
August	CHAPTER 1 : QUERYING AND SQL FUNCTIONS (Continued)	
September	CHAPTER 5 : INTERNET AND WEB	<u>TERM - 1 EXAM</u> CHAPTER – 2 DATA HANDLING USING PANDAS – I CHAPTER – 4 PLOTTING DATA USING MATPLOTLIB CHAPTER 1 QUERYING AND SQL FUNCTIONS
October	CHAPTER 5 : INTERNET AND WEB (Continued)	
November	CHAPTER 6 : SOCIETAL IMPACTS	
December	Revision	PRE - BOARD 1 & 2 FULL SYLLABUS
January	Revision	
February & March	CBSE BOARD EXAMINATION (XII) - 2027	

Month	Course Description	Portion for PT & TERM Assessment
April	CHAPTER 1: MANAGEMENT OF SPORTING EVENTS CHAPTER 2 : CHILDREN & WOMEN IN SPORTS	
May- June	CHAPTER 3 : YOGA	
	CHAPTER 4 : PHYSICAL EDUCATION AND SPORTS FOR CHILDREN WITH SPECIAL NEEDS	
July	CHAPTER 5: SPORTS AND NUTRITION CHAPTER 6 : TEST & MEASUREMENT IN SPORTS	<u>PT - 1 EXAM</u> CHAPTER 1: MANAGEMENT OF SPORTING EVENTS CHAPTER 2 : CHILDREN & WOMEN IN SPORTS
August	CHAPTER 7 : PHYSIOLOGY & INJURIES IN SPORTS CHAPTER 8 : BIOMECHANICS & SPORTS	
September	<u>TERM -1 EXAM PORTION</u>	
	Revision	CHAPTER 1: MANAGEMENT OF SPORTING EVENTS CHAPTER 2: CHILDREN & WOMEN IN SPORTS CHAPTER 3 : YOGA CHAPTER 4 : PHYSICAL EDUCATION AND SPORTS FOR CHILDREN WITH SPECIAL NEEDS CHAPTER 5: SPORTS AND NUTRITION
October	CHAPTER 9 : PSYCHOLOGY & SPORTS	
November	CHAPTER 10 : TRAINING IN SPORTS	
December & January	REVISION	PRE - BOARD 1 & 2 FULL SYLLABUS