



L. P. SAVANI®
International

Scholastic

Annual Planner

Session: 2022 - 2023

GRADE: XII - SCIENCE

ENGLISH

MONTH	TOPIC			
	Textbook - FLAMINGO		Textbook - VISTAS	WRITING SECTION
	PROSE	POETRY	SUPPLEMENTARY READER	-
APRIL	1. The Last Lesson 2. Lost Spring	1. My Mother at Sixty-six	-	1. Reading Comprehension 2. Notice Writing
JUNE	3. Deep Water	3. Keeping Quiet	1. The Third Level 2. The Tiger King	3. Article Writing 4. Report Writing
JULY	4. The Rattrap	4. A Thing of Beauty	-	5. Letter Writing (letter to Editor)
AUG	5. Indigo	5. A Roadside Stand	3. Journey to the end of the Earth 4. The Enemy	6. Formal & Informal Invitations
SEP	6. Poets & Pancakes	6. Aunt Jennifer's Tigers	-	7. Formal & Informal Replies
OCT	7. The Interview	-	6. On the Face of It	8. Letter Writing (Job Application)
NOV	8. Going Places	-	8. Memories of Childhood (Part 1 & 2)	9. Case-based Passage
DEC	REVISION			
JAN	PERIODIC TEST- 3 / PRE-BOARD-I (Tentative - Dec End)			
FEB	REVISION			

ENGLISH

EXAMINATION SYLLABUS	
Periodic Assess 1 (July 1st Week) 50 Marks	Flamingo (Prose): Ch. 1, 2, & 3 Flamingo (Poetry): P. 1, & 3 Supp Read: Ch. 1& 2 Writing: Notice Writing, Article Writing & Reading Comprehension
Periodic Assess 2 (Sep 3rd Week) 50 Marks	Flamingo (Prose): Ch. 4, 5, & 6 Flamingo (Poetry): P. 4, 5, & 6 Supp Read: Ch. 3, & 4 Writing: Report Writing, Letter to Editor & Formal & Informal Invitations
Periodic Assess 3/ Pre-Board - 1 (Dec Last Week) 80 Marks	Flamingo (Prose): Ch. 1 - 8 Flamingo (Poetry): P. 1 - 6 Supp Read: Ch. 1 - 8 Writing: Letter (Job Application), Case-based Passage & Formal & Informal Replies + All Topics covered till date

*** Subject to change as per the CBSE guidelines.**

PHYSICS

Text Book: NCERT

MONTHWISE SPLIT-UP OF SYLLABUS

MONTH	TOPICS /CHAPTERS
April	1. Electric Charges and Fields 2. Electrostatic Potential and Capacitance
June	3. Current Electricity 4. Moving Charges and Magnetism
July	5. Magnetism and Matter 6. Electromagnetic Induction
August	7. Alternating Current 8. Electromagnetic Waves
September	9. Ray Optics and Optical Instruments
October	10. Wave Optics
November	11. Dual Nature of Radiation and Matter 12. Atoms 13. Nuclei
December	14. Semiconductor Electronics: Materials, Devices and Simple Circuits PRE - BOARD - I
January	PRE - BOARD - II
February & March	FINAL EXAM

PHYSICS

SYLLABUS	
EXAMS	TOPICS /CHAPTERS
Quarterly; 50 Marks (July)	<ol style="list-style-type: none">1. Electric Charges and Fields2. Electrostatic Potential and Capacitance3. Current Electricity4. Moving Charges and Magnetism5. Magnetism and Matter6. Electromagnetic Induction
Half Yearly Exam / Pre-Board; 70/80 Marks (September)	<ol style="list-style-type: none">1. Electric Charges and Fields2. Electrostatic Potential and Capacitance3. Current Electricity4. Moving Charges and Magnetism5. Magnetism and Matter6. Electromagnetic Induction7. Alternating Current8. Electromagnetic Waves9. Ray Optics and Optical Instruments10. Wave Optics
Pre-Board; 70/80 Marks (December)	FULL SYLLABUS **Subject to change as per the CBSE guidelines.

CHEMISTRY

Text Book: NCERT

MONTHWISE SPLIT-UP OF SYLLABUS

MONTH	TOPICS /CHAPTERS
April	2. Solutions
June	3. Electrochemistry
July	4. Chemical Kinetics
August	8. d and f Block Elements
September	9. Coordination Compounds
October	10. Haloalkanes and Haloarenes
November	11. Alcohols, Phenols and Ethers 12. Aldehydes, Ketones and Carboxylic Acids 13. Amines
December	14. Biomolecules PRE - BOARD - I
January	PRE - BOARD - II
February & March	FINAL EXAM

CHEMISTRY

SYLLABUS	
EXAMS	TOPICS /CHAPTERS
Quarterly; 50 Marks (July)	2. Solutions 3. Electrochemistry 4. Chemical Kinetics
Half Yearly Exam / Pre-Board; 70/80 Marks (September)	2. Solutions 3. Electrochemistry 4. Chemical Kinetics 8. d and f Block Elements 9. Coordination Compounds 10. Haloalkanes and Haloarenes
Pre-Board; 70/80 Marks (December)	FULL SYLLABUS **Subject to change as per the CBSE guidelines.

BIOLOGY

Text Book: NCERT

MONTHWISE SPLIT-UP OF SYLLABUS

MONTH	TOPICS /CHAPTERS
April	2. Sexual Reproduction in Flowering Plants
June	3. Human Reproduction 4. Reproductive Health
July	5. Principles of Inheritance and Variation
August	6. Molecular Basis of Inheritance 7. Evolution
September	8. Human Health and Diseases
October	10. Microbes in Human Welfare 11. Biotechnology - Principles and Processes
November	12. Biotechnology and its Applications 13. Organisms and Populations 14. Ecosystem
December	15. Biodiversity and its Conservation PRE-BOARD - I
January	PRE-BOARD - II
February & March	FINAL EXAM

BIOLOGY

SYLLABUS	
EXAMS	TOPICS /CHAPTERS
Quarterly; 50 Marks (July)	2. Sexual Reproduction in Flowering Plants 3. Human Reproduction 4. Reproductive Health 5. Principles of Inheritance and Variation
Half Yearly Exam / Pre-Board; 70/80 Marks (September)	2. Sexual Reproduction in Flowering Plants 3. Human Reproduction 4. Reproductive Health 5. Principles of Inheritance and Variation 6. Molecular Basis of Inheritance 7. Evolution 8. Human Health and Diseases 10. Microbes in Human Welfare 11. Biotechnology - Principles and Processes
Pre-Board; 70/80 Marks (December)	FULL SYLLABUS **Subject to change as per the CBSE guidelines.

MATHEMATICS

Text Book: NCERT

MONTHWISE SPLIT-UP OF SYLLABUS

MONTH	TOPICS /CHAPTERS
April	1. Relations and Functions 2. Inverse Trigonometric Functions
June	3. Matrices 4. Determinants
July	5. Continuity and Differentiability 6. Applications of Derivatives
August	7. Integrals 8. Applications of the Integrals
September	9. Differential Equations 10. Vectors
October	11. Three - dimensional Geometry
November	12. Linear Programming 13. Probability
December	PRE - BOARD - I
January	PRE - BOARD - II
February & March	FINAL EXAM

MATHEMATICS

SYLLABUS	
EXAMS	TOPICS /CHAPTERS
Quarterly; 50 Marks (July)	<ol style="list-style-type: none">1. Relations and Functions2. Inverse Trigonometric Functions3. Matrices4. Determinants
Half Yearly Exam / Pre-Board; 70/80 Marks (September)	<ol style="list-style-type: none">1. Relations and Functions2. Inverse Trigonometric Functions3. Matrices4. Determinants5. Continuity and Differentiability6. Applications of Derivatives7. Integrals8. Applications of the Integrals
Pre-Board; 70/80 Marks (December)	FULL SYLLABUS **Subject to change as per the CBSE guidelines.

COMPUTER SCIENCE

Text Book: Computer Science with Python (Sumita Arora)

MONTHWISE SPLIT-UP OF SYLLABUS

MONTH	TOPICS /CHAPTERS
April	Ch – 1: Python Revision Tour – I
June	Ch – 2: Python Revision Tour – II
July	Ch – 3: Working With Functions Ch – 5: File Handling
August	Ch – 9: Data Structures II – Stacks and Queues Using Lists
September	Ch – 10: Communication and Network Concepts
October	Ch – 10: Communication and Network Concepts (Cont.) Ch – 11: Relational Databases
November	Ch – 12: Simple Queries in SQL Ch – 13: Table Creation and Data Manipulation Commands Ch – 14: Grouping Records, Joins in SQL
December	Ch – 15: Interface Python with MySQL REVISION / Pre – Board – I
January	REVISION / Pre – Board - II
February & March	FINAL EXAM

COMPUTER SCIENCE

SYLLABUS	
EXAMS	TOPICS /CHAPTERS
Quarterly; 50 Marks (July)	Ch – 1: Python Revision Tour – I Ch – 2: Python Revision Tour – II
Half Yearly Exam / Pre-Board; 70/80 Marks (September)	Ch – 1: Python Revision Tour – I Ch – 2: Python Revision Tour – II Ch – 3: Working With Functions Ch – 5: File Handling Ch – 9: Data Structures II – Stacks and Queues Using Lists
Pre-Board; 70/80 Marks (December)	Full Syllabus **Subject to change as per the CBSE guidelines.

PHYSICAL EDUCATION

Text Book: SARASWATI BOOK

MONTHWISE SPLIT-UP OF SYLLABUS

MONTH	TOPICS /CHAPTERS
April	Ch :1 Management of Sporting Events Ch: 3 Yoga and lifestyle
June	Ch : 3 Yoga And Lifestyle Ch : 2 Sports And Nutrition PERIODIC TEST
July	Ch : 4 Physical Education and sports for CWSN
August	Ch : 5 Children and women in sports Ch : 6 Test And Measurement
September	Ch : 7 Physiology and Injuries in sports HALF YEARLY EXAMINATION
October	Ch : 8 Biomechanics and Sports
November	Ch : 8 Biomechanics in Sports Ch : 9 Psychology and Sports
December	Ch : 10 Training in Sports REVISION / Pre – Board – I
January	REVISION / Pre – Board – II
February & March	FINAL EXAM

PHYSICAL EDUCATION

SYLLABUS	
EXAMS	TOPICS /CHAPTERS
Quarterly; 50 Marks (July)	Ch :1 Management of Sporting Events Ch: 3 Yoga and lifestyle Ch : 3 Yoga And Lifestyle Ch : 2 Sports And Nutrition
Half Yearly Exam / Pre-Board; 70/80 Marks (September)	Ch :1 Management of Sporting Events Ch: 3 Yoga and lifestyle Ch : 3 Yoga And Lifestyle Ch : 2 Sports And Nutrition Ch : 4 Physical Education and sports for CWSN Ch : 5 Children and women in sports Ch : 6 Test And Measurement Ch : 7 Physiology and Injuries in sports
Pre-Board; 70/80 Marks (December)	Full Syllabus **Subject to change as per the CBSE guidelines.