

VIKAS BHARATI PUBLIC SCHOOL
CLASS – XII (SCIENCE)
FIRST TERM SYLLABUS (2026-27)

ENGLISH CORE

Section A: Reading Skills - Unseen Passage (Comprehension)

Section B: Writing Skills - Notice Writing, Invitation and Replies, Article Writing, Report Writing, Job Application, Letter to the Editor

Section C: Literature

Flamingo (Prose)- The Last lesson, Lost spring, Deep water, The Rattrap, Indigo

Flamingo (Poetry)- My Mother at Sixty Six, Keeping quiet, A Thing of beauty, Aunt Jennifer's Tigers
Vistas - The Third level, The Tiger king, Journey to the end of the earth

CHEMISTRY

Unit-1 Solutions

Unit-2 Electrochemistry

Unit-3 Chemical Kinetics

Unit-4 The d-and f-Block Elements

Unit-5 Coordination Compounds

Unit-6 Haloalkanes and Haloarenes

BIOLOGY

Chapter-1: Sexual Reproduction in Flowering Plants

Chapter-2: Human Reproduction

Chapter-3: Reproductive Health

Chapter-4: Principles of Inheritance and Variation

Chapter-5: Molecular Basis of Inheritance

Chapter-6: Evolution

Chapter-7: Human Health and Diseases

Chapter-8: Microbes in Human Welfare

PHYSICS

Chapter–1: Electric Charges and Fields

Chapter–2: Electrostatic Potential and Capacitance

Chapter–3: Current Electricity

Chapter–4: Moving Charges and Magnetism

Chapter–5: Magnetism and Matter

Chapter–6: Electromagnetic Induction

Chapter–7: Alternating Current

Chapter–8: Electromagnetic Waves

MATHEMATICS

Chapter 1 - Relation and Function

Chapter 2 - Inverse trigonometric function

Chapter 3 – Matrices

Chapter 4 – Determinants

Chapter 5 - Continuity and Differentiability

Chapter 6 - Application of Derivatives

Chapter 10 - Vector Algebra

Chapter 11 - 3-D Geometry

Chapter 12 - Linear programming problems

Chapter 13 – Probability

INFOMATICS PRACTICES

Chapter 7 Database Concepts- Class XI

Chapter 8 Introduction to Structured Query language (SQL)- Class XI

Chapter 1: Querying and SQL Functions- Class XII

Chapter 2: Data Handling Using Pandas-1-Class XII

Chapter 4: Plotting Data Using Matplotlib-Class XII

Chapter 6: Societal Impacts-Class XII

PHYSICAL EDUCATION

Chapter 1 Management of sporting Events

Chapter 2 Children and Women in sports

Chapter 3 Yoga as preventive measures for lifestyle diseases

Chapter 4 Physical education and sports for CWSN

Chapter 5 Sports and Nutrition

PSYCHOLOGY

Chapter-1 Variations in Psychological Attributes

Chapter -2 Self and Personality

Chapter -3 Meeting Life Challenges

Chapter-4 Psychological Disorders

ECONOMICS

Book 1-Introductory Macroeconomics

Chapter 1- Introduction

Chapter 2- Some Basic Concepts of Macroeconomics

Chapter 3- National Income and Related Aggregates

Chapter 4- Methods of Calculating National Income

Chapter 5- Money

Chapter 6- Banking

Chapter 7- Aggregate Demand, Aggregate Supply and Related Concepts

Chapter 8- Short Run Equilibrium Output

Chapter 9- Problem of Deficient Demand and Excess Demand

Book 2 : Indian Economic Development

Chapter 1- India Economy on the eve of Independence

Chapter 2- Indian Economy (1950 - 90)

Chapter 3-Economic Reforms Since 1991: New Economic policy

Chapter 8- Comparative Development Experiences of India and its Neighbours

MARKETING

Employability Skills-

Unit 1 : Communication Skills-IV

Unit 2 : Self-Management Skills-IV

Unit 3 : ICT Skills-IV

Subject Specific Skills-

Unit 1: Product
Unit 2: Price Decision
Unit 3: Place Decision: Channels of Distribution

YOGA

Part-A

Unit-1 communication skills
Unit-2 self-management skills
Unit-3 ICT skills

Part-B

Unit-1 Introduction to yoga and yogic practices
Unit -2 Introduction to yoga text

PAINTING

ORIGIN AND DEVELOPMENT OF RAJASTHANI PAINTING

Features of Rajasthani school
Sub School of Rajasthani school (only names)
Maru Ragini
Krishna on swing
Radha Bani thani. Bharat meets Rama at Chitrakuta
Chaugan players
The Pahari School

 Origin and development of Pahari School

 Sub schools

 Main features of Pahari School

 Appreciation of the following paintings

1 Krishna with Gopis
2 Nand Yashoda and Krishna with kinsmen going to Vrindavan

THE MUGHAL AND DECCAN SCHOOL OF MINIATURE PAINTING

Kabir and Raidas
Krishna lifting Mount Govardhana
Falcon on a bird rest
Marriage procession of Dara Shikoh
Chand Bibi playing polo
Hazrat Nizamuddin Auliya and Amir khusro