

Auxilium Convent School Kalyani
Syllabus for 2024-2025
Class IX
Subject – Value Education

Half Yearly Examination

- Ch 1 – Respect Our Creator and his Creation
- Ch 2- Obedience to Authority
- Ch 3 – The Women Freedom Fighters of our Country
- Ch 4 – The Preamble to Our Constitution
- Ch 5- Tribute to our Armed Forces
- Ch 6- Attitude

Weekly Test- II

- Ch 7- Emotional Maturity
- Ch 8- Self – Esteem

Final Examination

- Ch 7- Emotional Maturity
- Ch 8- Self – Esteem
- Ch 9- Self –Confidence
- Ch 10- Self Motivation
- Ch 11- Child Rights
- Ch 12 – Gratitude for Everything

Subject – English Literature

Unit Test 1

1. Poem : A work of Artifice
2. Story : Bonku Babu's Friend

Half Yearly Exam

1. Poem : Skimble shanks
2. Poem : I remember, I Remember
3. Story : Olivier Asks for more
4. Story: The Model Millionaire

Unit Test II

1. Poem : A Doctor's Journal Entry for August 6,1945
2. Story: The Home – Coming

Final Exam

1. Poem : The Night Mail
2. Story: The Boy who broke the bank

Subject – English Language

Weekly Test- I

- Chapter 1 – Chapter 4

Half Yearly Examination

- Chapter 5 – Chapter 9

Weekly Test- II

- Chapter 10 – Chapter 15

Final Examination

- 10 years Question papers
 - Including UT I , Half yearly and UT II syllabus
-

Subject – Physics

<u>Weekly Test I</u> 1. Motion in One Dimension	<u>Half Yearly Examination</u> 1. Measurements and Experimentation 2. Motion in One Dimension 3. Laws of Motion 4. Pressure in Fluids and Atmospheric Pressure 5. Upthrust in Fluids, Archimedes' Principle and Floatation 6. Propagation of Sound Waves
1st Assessment – Measurements and Experimentation; Motion in One Dimension; Laws of Motion; Pressure in Fluids and Atmospheric Pressure; Upthrust in Fluids, Archimedes' Principle and Floatation; Propagation of Sound Waves.	
<u>Weekly Test II</u> 1. Reflection of Light	<u>Final Examination</u> 1. Reflection of Light 2. Heat and Energy 3. Current Electricity 4. Magnetism <i>From class 10</i> 1. Current Electricity 2. Household Circuits
2nd Assessment – Reflection of Light; Heat and Energy; Current Electricity; Magnetism; Motion in One Dimension; Laws of Motion.	

Subject – Chemistry

Weekly Test- I

- Chapter 1 – The Language of Chemistry

Half Yearly Examination

- Chapter 1 – The Language of Chemistry
- Chapter 2 – Chemical changes and Reactions
- Chapter 3 – Water
- Chapter 4 – Atomic structure and Chemical Bonding

Weekly Test- II

- Chapter 5 – The Periodic Table

Final Examination

- Chapter 5 – The Periodic Table
- Chapter 6 – Study of the first element - Hydrogen
- Chapter 7 – Study of Gas Laws
- Chapter 8 – Atmospheric Pollution

Subject – Biology

Weekly Test- I

- Chapter 1 – Introducing Biology
- Chapter 2 – Cell : The unit of Life

Half Yearly Examination

- Chapter 1 – Introducing Biology
- Chapter 2 – Cell : The unit of Life
- Chapter 3 – Tissues : Plant and Animal Tissues
- Chapter 4 – The Flower
- Chapter 6 – Seeds- Structure and Germination
- Chapter 8 – Five Kingdom Classification
- Chapter 10 – Nutrition
- Chapter 11 – Digestive System
- Chapter 15 – Hygiene- [A Key to Healthy Life]
- Chapter 16 – Diseases : Cause and Control

Weekly Test- II

- Chapter 5 – Pollination and Fertilization
- Chapter 7 – Respiration in Plants

Final Examination

- Chapter 5 – Pollination and Fertilization
- Chapter 7 – Respiration in Plants
- Chapter 9 – Economic Importance of Bacteria and Fungi
- Chapter 12 – Skeleton – Movement and Locomotion
- Chapter 13 – Skin – “ The Jack of All Trades “
- Chapter 14 – The Respiratory System
- Chapter 17 – Aids to Health
- Chapter 18 – Health Organisations
- Chapter 19 – Waste Generation and Management

Subject – History & Civics

Weekly Test I

History :-

- Chapter 1 - Harappan Civilization
- Chapter 2- Early Vedic Civilization

Half Yearly Examination

History :-

- Chapter 3 - The Later Vedic Age
- Chapter 4- India in the 6th Century BC: Rise of Jainism and Buddhism
- Chapter 5 - The Mauryan Empire
- Chapter 6 - The Sangam Age: Kingdoms and the social and Economic Conditions
- Chapter 7 - The Age of the Guptas
- Chapter 8 - South India and the Cholas

Civics :-

- Chapter 1- Our Constitution and Its Salient Features
- Chapter 2- Fundamental Rights, Fundamental Duties and Directive Principles of State Policy

Weekly Test II

History :-

- Chapter 9 - The Delhi Sultanate

Final Examination

History :-

- Chapter 10 - The Mughal Empire
- Chapter 11 - The Composite Culture: Bhakti Movement, Sufism and influence of Christianity on Indian Society
- Chapter 12 - The Renaissance
- Chapter 13 - The Reformation
- Chapter 14 - Industrial Revolution and Capitalism and Socialism.

Civics :-

- Chapter 3 - Elections and Election commission
- Chapter 4 - Local Self-Government: Rural Local Institutions.
- Chapter 5 - Local Self, Government: Urban Local Institutions

Subject – Geography

Weekly Test- I

- Chapter 1. The Earth as a Planet
- Chapter 2. Geographic Grid
- Chapter 3. The Motions of the Earth

Half Yearly Examination

- Chapter 4. The Structure of the Earth
- Chapter 5. The Landforms of the Earth
- Chapter 6. Rocks
- Chapter 7. Volcanoes
- Chapter 8. Earthquakes
- Chapter 9. Weathering and Denudation
- Chapter 15. Types of Pollution
- Chapter 16. Pollution- Sources and Major Pollutants
- Chapter 17. Effects of Pollution

Assignment Weather Records

- Maintaining and interpreting weather records as found in the newspaper for at least one season.

Map Work: On an outline map of *World*, mark and label the following:

- Mountains- Rockies, Andes, Appalachian, Alps, Himalayas, Pyrenees, Scandinavian Highlands, Caucasus, Atlas, Drakensburg, Khingan, Zagros, Urals, Great Dividing Range.
- Plateaus- Canadian Shield, Tibetan Plateau, Brazilian Highlands, Patagonian Plateau, Iranian Plateau, Mongolian Plateau.

Weekly Test- II

- Chapter 10. Hydrosphere

Final Examination

- Chapter 11. Composition and Structure of the Atmosphere
- Chapter 12. Insolation
- Chapter 13. Atmospheric Pressure and Wind Systems
- Chapter 14. Humidity and Precipitation
- Chapter 18. The Natural Regions of the World
- Chapter 2. Geographic Grid
- Chapter 9. Weathering and Denudation

Practical/Project Work: Will be given later on.

Map Work: On an outline map of *World*, mark and label the following:

- Water bodies- All Major Oceans, Caribbean Sea, North Sea, Black Sea, Caspian Sea, South China Sea, Mediterranean Sea, Gulf of Carpentaria, Hudson Bay, Persian Gulf, Gulf of Mexico, Gulf of Guinea, Bering Strait, Strait of Gibraltar, Strait of Malacca.
- Rivers- Mississippi, Colorado, Amazon, Paraguay, Nile, Zaire, Niger, Zambezi, Orange, Rhine, Volga, Danube, Murray Darling, Hwang Ho, Yangtse Kiang, Ob, Indus, Ganga, Mekong, Irrawaddy, Tigris, Euphrates.
- The Major Natural Regions of the World- Equatorial, Tropical Monsoon,
- Tropical Deserts, Mediterranean type, Tropical Grasslands, Temperate Grasslands, Taiga and Tundra

Subject – Mathematics

Weekly Test I

- Chapter 3– Algebra

Half Yearly Examination

- Chapter 1 – Pure Arithmetic
- Chapter 2– Commercial Mathematics
- Chapter 3-Algebra
- Chapter 7-Trigonometry

Weekly Test II

- Chapter 4- Geometry

Final Examination

- Chapter 4 – Geometry
- Chapter 5 – Statistics
- Chapter 6-Mensuration
- Chapter 8- Coordinate geometry

Subject :- Computer Applications

Unit Test I

- Chapter 1: Introduction to OOP Concepts

Half Yearly Examination

- Chapter 1: Introduction to OOP Concept
- Chapter 2: Elementary Concept of Objects and Classes
- Chapter 3: Values and Data Types
- Chapter 4: Operators in Java
- Chapter 5: Input in Java

Unit Test II

- Chapter 6: Mathematical Library Methods

Final Examination

- Chapter 6: Mathematical Library Methods
- Chapter 7: Conditional Statements in Java
- Chapter 8: Iterative Constructs in Java
- Chapter 9: Nested for Loops
- Chapter 10: Computing and Ethics
