

English Language

Class: VIII

First Term

Unit 1

- Determiners
- Verbs – Expressing the Present
- Letter Writing (Informal)

Unit 2

- Verbs – Expressing the Past(Class Test)
- Verbs – Expressing the Future(Class Test)•
Adverbs
- Speaking Skills

Half Yearly Examination

- Determiners
- Verbs – Expressing the Present
- Verbs – Expressing the Past
- Verbs – Expressing the Future
- Adverbs
- Prepositions
- Words followed by appropriate Prepositions
- Letter Writing (Informal)
- Composition
- Comprehension
- Listening Skills

Final Term

Unit 3

- Conjunctions
- Verbs: Active and Passive Voice

Unit 4

- Direct and Indirect Speech (Class Test)
- Words often confused (Class Test)
- Speaking Skills

Annual Examination

- Conjunctions
- Verbs: Active and Passive Voice
- Direct and Indirect Speech
- Words often confused
- Transformation of Sentences
- Letter Writing – Informal and Formal Letters
- Composition
- Comprehension
- Listening Skills

English Literature

Class VIII

First Term

Unit 1

- The Enchanted Pool (Story)
- The Hero (Poem)

Unit 2

- Michelangelo (Story) — Class Test
- Lines composed in a Wood on a Windy Day
(project work)
- The Enchanted Pool (Story)

Half Yearly Examination

- Michelle, the Miracle (Story)
- Michelangelo (Story)
- Grandfather and the python (story)
- The Hero (Poem)
- Lines composed in a Wood on a Windy Day
(Poem)

Final Term

Unit 3

- Engine Trouble (Story)
- I wandered lonely as a cloud (Poem)

Unit 4

- The Dying Detective (Story) — Class Test
- Going Down Hill on a Bicycle (Project Work)

Annual Examination

- Engine Trouble (Story)
- The Dying Detective (Story)
- After Twenty Years (story)
- I wondered lonely as a cloud (Poem)
- Going Down Hill on a Bicycle (Poem)

Class VIII Mathematics

Unit Test – 1 (20 Marks)

- Rational Numbers
- Percentage
- Profit & Loss, Discount & Tax

Class Test – 1 (10 Marks)

- Exponents and Powers
- Sets

Half-Yearly Examination (Not Included in Annual)

- Squares and Square Roots, Cubes & Cube Roots
- Playing with Numbers
- Simple & Compound Interest
- Ratio and Proportion
- Direct and Inverse Variation
- Time and Work
- Fundamental Concepts & Operations on Algebraic Expressions

- Algebraic Identities
- Factorization
- (Junior Thinkers) Practice Zone (1-7)

Unit Test – 2 (20 Marks)

- Linear Equations
- Linear Inequations
- Quadrilaterals

Class Test – 2 (10 Marks)

- Three-Dimensional Solids
- Construction of Quadrilaterals

Annual Examination

- Symmetry
- Circles
- Coordinate System & Linear Graphs
- Perimeter & Area of Plane Figures
- Volume & Surface Area of Solids
- Statistics
- Graphical Representation of Statistical Data
- Probability
- (Junior Thinkers) Practice Zone (8-13)

Class VIII **Subject -Physics**

1st Term:

Unit I: Matter

Unit II: (Class test + Project) – Physical quantities and Measurement

Half-Yearly

Unit I + Unit II + Force and Pressure + Energy

Final term:

Unit III: Light energy

Unit IV: (Class test + Project) – Heat Transfer

Annual Examination

Unit III + Unit IV + Sound + Electricity

Class – VIII
Subject – Chemistry

1st Term:

Unit – 1:

- Chap-1 – Matter and its Composition
- Chap-2 – Physical & Chemical Changes

Unit – 2:

Class Test: Chap-3–Elements, Compounds & Mixtures
Project Topic: Separation techniques of various types of mixtures

Half-Yearly Examination Syllabus:

- Chap-1 – Matter and its Composition
- Chap-2 – Physical and Chemical Changes
- Chap-3 – Elements, Compounds & Mixtures
- Chap-4 – Atomic Structure
- Chap-5 – Language of Chemistry

2nd Term:

Unit – 3:

- Chap-6 – Chemical Reactions

Unit – 4:

- Class Test: Chap-7 – Hydrogen
- Project: Types of Chemical Reactions

Annual Examination Syllabus

- Chap – 5: Language of Chemistry
- Chap – 6: Chemical Reactions
- Chap – 7: Hydrogen
- Chap – 8: Water
- Chap – 9: Carbon and its Compounds

Biology Syllabus
Class VIII

1st Term:

Unit 1:

Chap 1: Transport of Food and Minerals in Plants

Unit 2:

- Chap 2: Reproduction in Plants and Animals
- Chap 3: Project – Ecosystem (Making a Terrarium)

Half Yearly:

- Chap 1: Transport of Food and Minerals in Plants
- Chap 2: Reproduction in Plants and Animals
- Chap 3: Ecosystem

Final Term:

Unit 3:

- Chap 4: Endocrine system

Unit 4:

- Chap 5: Nervous system
- Chap 6: Project – Circulatory System Model

Annual Examination:

- Chap 4: Endocrine system
- Chap 5: Nervous system
- Chap 6: Circulatory system
- Chap 7: Health and Hygiene
- Chap 8: Food Production

History and Civics Class VIII

Unit Test 1

- The Union Legislature
- Beginning of the Modern World

Unit Test 2

- The Industrial Revolution and Rise of Imperialism
- Project Work: Industrial Revolution

Half Yearly Exam

- The Age of Revolution
- The American Civil War
- The Union Executive
- Decline of the Mughal Empire

- Rise of Independent Regional Powers
- Rise of British Power in Bengal
- Expansion of British Power in India

Unit Test 3

- The Judiciary
- British Policies and Their Impacts

Unit Test: 4

- The Revolt of 1857
- Project- Leaders of the 1857 revolt

Annual Examination

- The United Nations
- Social and Religious Reforms in India
- Rise of Indian Nationalism
- The Indian National Movement (1917-34)
- The Indian National Movement (1935-47)
- Specialised Agencies of UNO

Geography

Class – VIII

Book: Gurukul's: Our Planet and Us

1st Term:

Unit Test- 1

- Chapter 1 – Representation of Geographical Features

Unit Test - 2

- Chapter 6 – Asia: The largest continent, Location and physical features (Class Test)
- Chapter 7 – Asia: Climate, Natural Vegetation and wildlife (Project)

Half-Yearly Examination:

- Chapters: 1, 2, 6, 7, 10
- Map: Map of Asia

Final Term:**Unit Test- 3**

- Chapter 8 – India: Geographical Features

Unit Test -4

- Chapter 5 – Natural and Man-made Disasters (Class Test)
- Chapter 9 – India: Climate, Natural Vegetation & Wildlife (Project)

Annual Examination:

- Chapters: 3, 4, 5, 8, 9
- Map: Map of India

**Computer Studies
Class VIII****1st Term:**

- Operating System — Ut1
- Spreadsheet – Formulas & Functions — Ut2
- Spreadsheet – Charts — Ut2
- App development
- Applications of AI in various fields

Final Term:

- Algorithms and Flowcharts — Ut3
- Program coding with C++ — UT4
- Networks
- Ethics in Artificial Intelligence

**General Knowledge
Knowledge Garden
Class – VIII****Half Yearly Examination:**

- Our Country – India
- The World Around us
- Natural Habitat
- Sports & Fitness

Annual Examination:

- Science and Technology
- Language and Literature
- Entertainment

Class VIII: Bengali 2nd Language Unit Test - 1

আমার বাংলা পাঠ:

- লেখাপড়া সহজ ব্যাপার নয় - প্রফুল্ল রায়
- প্রশ্ন - রবীন্দ্রনাথ ঠাকুর
- ব্যাকরণ: লিঙ্গ পরিবর্তন (প্রথম দুই পৃষ্ঠা) ও পাঠ্যাংশের ব্যাকরণ
- মনের মত গল্প: যখন ইস্কুলে

Unit Test - 2

- আমার বাংলা পাঠ:
- ন্যাদোশ - মহাশ্বেতা দেবী
- আবার আসিব ফিরে - জীবনানন্দ দাশ
- মনের মত গল্প - চিড়িয়াখানা
- ব্যাকরণ: বিপরীতার্থক শব্দ (প্রথম দুই পৃষ্ঠা), পাঠ্যাংশের ব্যাকরণ,
- রচনা, চিঠি, প্রকল্প

Half Yearly Examination

- আমার বাংলা পাঠ:
- পালানমৌ এর পথে
- মনের মত গল্প: পাগলা গণেশ
- ব্যাকরণ: বিপরীতার্থক শব্দ (প্রথম দুই পৃষ্ঠা), সাধু-চলিত ভাষা, পাঠ্যাংশের ব্যাকরণ, রচনা ও চিঠি

Unit Test - 3

- আমার বাংলা পাঠ:
- পাহাড়ে জঙ্গলে - বিভূতিভূষণ বন্দ্যোপাধ্যায়
- মনের মত গল্প: হিমালয় দর্শন
- ব্যাকরণ: সমার্থক শব্দ (প্রথম পৃষ্ঠা)

Unit Test - 4

- শ্রীঅরবিন্দ - সুভাষচন্দ্র বসু
- রানার - সুকান্ত ভট্টাচার্য
- মনের মত গল্প: কুশল পাহাড়ী
- ব্যাকরণ: সমোচ্চারিত ভিন্নার্থক শব্দ (প্রথম দুই পৃষ্ঠা), প্রকল্প

Annual Examination

- আমার বাংলা পাঠ:
- কী আমাদের জাত- শঙ্খ ঘোষ
- মনের মত গল্প: শব্দ ব্যাকরণ - এক কথায় প্রকাশ ও বাগধারা
- সম্পূর্ণ মানে লেখো
- রচনা ,চিঠি, বোধ পরীক্ষণ

Class VIII:

3rd Language (Bengali)

Book Name: আমার বাংলা পাঠ , ৪ (চার)

Authors: মিঠু মল্লিক

Publisher: Language House

1st Term

- বন্দেমাতরম
- বিবেকানন্দের ছেলেবেলা

Unit Test 2

- ধন্য ডাক্তারী
- হীরাকুনি
- প্রকল্প (Project)

Half Yearly Examination

- উত্তম ও মধ্যম + Full Syllabus of UT-1 & UT-2

Final Term

Unit Test 3

- সবার আমি ছাত্র

Unit Test 4

- বুনো হাঁস
- প্রকল্প ((Project))

Annual Examination

- টিকা আবিষ্কারের গল্প + Full Syllabus of UT-3 & UT-4+ Half Yearly Examination Syllabus

Class: VIII

Subject: Hindi 2nd Language

1st Term

Unit-I

- Chp -1: पहलूए, सावधान रहना
- Chp -2: दादा बने खिलाड़ी
- व्याकरण: भाषा-लिपि, संज्ञा, विलोम,

Unit-II

(Class Test + Project)

- Chp-3: जन्मत की गलियों में
- Chp-4: भिखारिन
- व्याकरण: अनेकार्थी, समानार्थी, क्रिया, पत्रलेखन, अपठित गद्यांश, निबंध लेखन, कहानी लेखन आदि।

Half Yearly Examination

- Chp-1 to Chp-7
व्याकरण: भाषा लिपि, लिंग, वचन, संज्ञा अनेकार्थी, समानार्थी, अशुद्ध शुद्ध, क्रिया, पत्रलेखन, अपठित गद्यांश, निबंध लेखन, कहानी लेखन आदि।

Final Term

Unit-III

- Chp-8: साइकिल की सवारी
- Chp-9: कर्मवीर
व्याकरण: अनेक शब्दों के लिए एक शब्द, सर्वनाम लिंग पत्यय-उपसर्ग आदि।

Unit-IV

- (Class Test + Project)
- Chp-10: डायरी का एक पन्ना
- Chp-11: मेरा विद्यार्थी जीवन

● व्याकरण: वचन, विशेषण, तत्सम तद्धव, मुहावरे, काल, कारक, पत्र लेखन, निबंध लेखन, कहानी लेखन, विलोम, पर्यायवाची आदि।

Annual Examination

- Chp- 8 to 14

व्याकरण: संज्ञा, विशेषण, सर्वनाम, वचन, विशेषण, लिंग, कारक, महावरे, काल, पत्र लेखन, निबंध लेखन, कहानी लेखन, विलोम, पर्यायवाची आदि।

Class: VIII

Subject: Hindi 3rd Language

1st Term

Unit-I

- Chp -1: अगर ये पल जाते यहीं ठहर
- Chp -2: दो माताएं

Unit-II

(Class Test + Project)

- Chp-3: लो आ गए हम चांद पर
- Chp-4: जीवन की सीख

Half Yearly Examination

- Chp-1 to 7

Final Term

Unit-III

- Chp-7: पोंगल
- Chp-8: यह कदंब का पेड

Unit-IV

(Class Test + Project)

- Chp-09: रंगीलो रण
- Chp-10: हीरा और कोयला

Annual Examination

- Chap-8 से 14

Class – VIII
Value Education

1st Term:

- Chp – 1 to 8

Final Term:

- Chp – 9 to 16

Life Skills

1st Term:

- Healthy Body Image and Self Esteem
- Managing Test Anxiety
- Dealing with Peer Pressure

Final Term:

- Being Safe Online
- Introduction to Bullying
- Safeguarding against Cyber Bullying