

ST.THOMAS SCHOOL KIDWAI NAGAR KANPUR
CLASS VIII
YEARLY SYLLABUS 2022-23
BIOLOGY

Unit -1

Chapter 1 Transport of food and Minerals in plants.

Chapter 3 Ecosystems.

Half yearly

Chapter 1 Transport of food and Minerals in plants.

Chapter 2 Reproduction in plants and animals.

Chapter 3 Ecosystems.

Chapter 5 Health and Hygiene .

Unit-2

Chapter 4 Human body : Endocrine, Circulatory and Nervous systems.

Final examination

Chapter 1 Transport of food and Minerals in plants.

Chapter 2 Reproduction in plants and animals.

Chapter 3 Ecosystems.

Chapter 4 Human body : Endocrine, Circulatory and Nervous systems.

Chapter 5 Health and hygiene.

Chapter 6 Food production.

CHEMISTRY

Unit Test 1

Chapter 1: Matter

Chapter 4: Atomic structure

Half yearly

Chapter 1: Matter

Chapter 3: Elements, compounds and mixtures

Chapter 4: Atomic Structure

Chapter 5: Language of chemistry

Unit test 2

Chapter 5: Language of chemistry

Chapter 6: Chemical reactions

Final

Chapter 3: Elements, compounds and mixtures

Chapter 4: Atomic Structure

Chapter 5: Language of chemistry

Chapter 6: Chemical reactions

Chapter 7: Hydrogen

Chapter 8: Water

Chapter 9: Carbon and its compounds

PHYSICS

UNIT 1

Ch-1 Matter

Ch-2 Physical quantities and measurement

HALF YEARLY

Ch-1 Matter

Ch-2 physical quantities and measurement

Ch-3 Force and pressure

Ch-4 Energy

UNIT 2

Ch-5 Light energy

Ch-6 Heat Transfer

FINAL EXAMINATION

Ch-1 Matter

Ch-2 physical quantities and measurement

Ch-3 Force and pressure

Ch-4 Energy

Ch-5 Light energy

Ch-6 Heat Transfer

Ch-7 Sound

Ch-8 Electricity

MATHS

Unit 1

1. Exponent and powers

2. Square and square roots

3. Percentage and its application

4. Simple and compound interest

Half Yearly Examination

1. Exponent and powers

2. Simple and compound interest

3. Percentage and its application

4. Algebraic Expression

5. Factorisation

6. Rational Number

7. Sets

8. Cube and Cube roots

Unit II

1. Direct and Inverse variation. (Time and work including)

2. Linear Equations and Inequalities in one variable.

3. Circles

Final Examination

1. Mensuration

2. Understanding Quadrilaterals.

3. Linear equation and Inequalities

4. Factorisation

5. Direct and Inverse variation

6. Simple and compound interest

7. Percentage and its application

8. Data handling

9. Construction of quadrilaterals.

10. Circles

ENGLISH LANGUAGE

UNIT 1

Lesson-1-Subject & Predicate

Lesson – 2 – Pronouns

Lesson – 3 – Primary Auxiliaries & Modals

HALF YEARLY EXAMINATION

Lesson – 1 Subject & Predicate

Lesson – 2 Pronouns
Lesson – 3 Primary Auxiliaries & Modals.
Lesson—4 Non-finite verbs
Lesson – 5 – Adjectives
Lesson – 7 – The Tenses
Lesson – 9- Conjunctions
Lesson – 10 – Prepositions

UNIT 2

Lesson – 11 Simple, Compound & Complex Sentences. Lesson – 12 Subject Verb Agreement.
Lesson – 13 Articles
Lesson – 14 Active & Passive voice

FINAL EXAMINATION

Lesson – 2 Pronouns
Lesson – 3 Primary Auxiliaries & Modals.
Lesson—5 Adjectives
Lesson – 7 The Tenses
Lesson – 10 Preposition
Lesson – 14 Active & Passive voice
Lesson – 15 Direct & Indirect Speech
Lesson – 17 Transformation of sentences
Lesson – 18 Synthesis of sentences
• Essay, Letter writing, Report Writing and Comprehension

ENGLISH LITERATURE

UNIT 1

Lesson – 1 The Adventure of the Blue Carbuncle.
Lesson – 2 The Lake of Isle of Innisfree
Lesson – 4 Set our children free.

HALF YEARLY EXAMINATION

Lesson – 1 The Adventure of the Blue Carbuncle.
Lesson – 2 The Lake of Isle of Innisfree
Lesson-4 Set our children free.
Lesson-5 I Remember, I Remember.
Lesson – 6 After Twenty Years.
Lesson – 8 The First Pup
Lesson – 10 My Dearest Lizzy

UNIT 2

Lesson – 11 Lines to an Indian Air
Lesson – 12 The Shoemaker
Lesson – 15 Harry Potter learns Quidditch
Lesson – 17 Macbeth

FINAL EXAMINATION

Lesson – 4 Set our children free
Lesson – 6 After Twenty Years
Lesson – 8 The First Pup
Lesson – 12 The Shoe Maker
Lesson – 15 Harry Potter Learns Quidditch
Lesson – 18 If
Lesson – 19 India's Heroes
Lesson – 20 Milk for the Cat

Lesson – 21 Lata Mangeshkar

COMPUTER

UNIT – I

Lesson 1: Functions of Operating System

Lesson 2: Functions in a Spreadsheet

Half Yearly

Lesson 1: Functions of Operating System

Lesson 3: Charts in a Spreadsheet

Lesson 4: Algorithm and Flowcharts

Lesson 8: Introduction to Networking

NCO (National Cyber Olympiad) questions

UNIT – II

Lesson 5: Fundamentals of Programming

Lesson 7: App Development

Final Exam

Lesson 4: Algorithms and Flowcharts

Lesson 5: Fundamentals of Programming

Lesson 6: Control Structures

Lesson 8: Introduction to Networking

Fun with AI – Introduction to Robotics

NCO (National Cyber Olympiad) questions

GEOGRAPHY

UNIT I:

CH-1 Representation of geographical features

HALF-YEARLY EXAMINATION:

CH-1 Representation of geographical features

CH-2 Population Dynamics

CH-3 Migration

CH-4 Urbanisation-causes and effects

CH-5 Disasters- Natural and Human- made

CH-6 Asia- Land, Climate, Natural vegetation

Map of Asia

UNIT II:

CH-7 India: Location and Physical Features

Map of India

FINAL EXAMINATION:

CH-2 Population Dynamics

CH-3 Migration

CH-4 Urbanisation

CH-5 Disasters-Natural and Human – made

CH-6 Asia- Land, Climate and Natural Vegetation

CH-7 India – Location and Physical Features

CH-8 India- Climate, Natural Vegetation and Wildlife

Map of India

HISTORY CIVICS

Unit I:

Chapter 1 – A Period of Transition

Chapter 2 – The Growth of Nationalism

Half Yearly:

Chapter 1 – A Period of Transition

Chapter 2 – The Growth of Nationalism
Chapter 3 – India in the 18th Century AD
Chapter 4 – Traders to Rulers
Chapter 9 – Three Main Organs of Government: Legislature, Executive & Judiciary

Unit II:

Chapter 5 – British Policies & Impacts
Chapter 6 – The Great Uprising of AD 1857

Final:

Chapter 1 – A Period of Transition
Chapter 4 – Traders to Rulers
Chapter 6 – The Great Uprising of AD 1857
Chapter 7 – Socio- Religious Reforms
Chapter 8 – India's Struggle for Freedom
Chapter 9 – Three Main Organs of Government: Legislature, Executive & Judiciary
Chapter 10 – The United Nations

HINDI

UNIT-I

पाठ - 1 वह भारत देश हमारा है

पाठ - 2 परीक्षा

पाठ - 3 अपशगुन

व्याकरण – पत्र, संज्ञा, लिंग, वचन, पर्यायवाची, विलोम, तद्भव-तत्सम।

HALF YEARLY

पाठ - 2 परीक्षा

पाठ - 4 हिरोशिमा

पाठ - 5 सोना

पाठ - 6 स्वावलंबन

पाठ - 7 हम पक्षी उन्मुक्त गगन के

पाठ - 8 चतुर तोता

पाठ - 9 दीपदान

पाठ - 10 वीरों की पूजा

पाठ - 11 नैसर्गिक सौंदर्य की धरती कर्नाटक

व्याकरण – निबंध, पत्र, अपठित गद्यांश, तद्भव-तत्सम, लिंग, वचन, संज्ञा, सर्वनाम, विशेषण, विलोम, पर्यायवाची, शुद्ध-अशुद्ध, वाक्यांश, मुहावरे व लोकोक्तियाँ, वाक्य परिवर्तन।

UNIT-II

पाठ - 12 भिखारिन

पाठ - 13 वीर अब्दुल हमीद

पाठ - 14 कबीर-रहीम के दोहे

व्याकरण – पत्र, तत्सम-तद्भव, लिंग, वचन, संज्ञा, सर्वनाम, विशेषण, विलोम, पर्यायवाची, शुद्ध-अशुद्ध, वाक्यांश, मुहावरे व लोकोक्तियाँ, वाक्य परिवर्तन।

FINAL EXAM

पाठ - 1 वह भारत देश हमारा है

पाठ - 11 नैसर्गिक सौंदर्य की

पाठ - 12 भिखारिन

पाठ - 13 वीर अब्दुल हमीद

पाठ - 14 कबीर रहीम के दोहे

पाठ - 15 सूर्य पुत्री यमुना

पाठ - 16 स्नेह शपथ

पाठ - 17 पिता का पत्र पुत्र के नाम

पाठ - 18 वसंत गीत

व्याकरण – निबंध, पत्र, अपठित-गद्यांश, तद्भव-तत्सम, लिंग, वचन, संज्ञा, सर्वनाम, विशेषण, विलोम, पर्यायवाची, शुद्ध-अशुद्ध, वाक्यांश, मुहावरे व लोकोक्तियाँ, वाक्य परिवर्तन।

SANSKRIT

UNIT I

वेद वाणी-पाठ्य पुस्तक- प्रार्थना, पाठ-1,2,3

शब्द रूप, धातु रूप

HALF YEARLY Examination

वेदवाणी -पाठ्य पुस्तक। पाठ संख्या-1,2,3,4,5,6,7,8 ,9,10

शब्द रूप, धातु रूप,संधि,प्रत्यय, पर्यायवाची, उपयोगी शब्दावली

II Unit

वेदवाणी-पाठ्य पुस्तक -पाठ संख्या-11,12,13

शब्द रूप, धातु रूप

Final Examination.

वेद वाणी-पाठ्य पुस्तक- पाठ संख्या-2,6,11,12,13,14,15,16,17,18

शब्द रूप, धातु रूप, पर्यायवाची,प्रत्यय, सन्धि, उपयोगी शब्दावली

GENERAL KNOWLEDGE

Unit I:

Pages – 5 to 15 + Current Affairs

Half Yearly:

Pages – 5 to 41 + Current Affairs

Unit II:

Pages – 42 to 56 + Current Affairs

Final:

Pages – 42 to 78 + Current Affairs

ART/ CRAFT

UNIT 1

Pg-12, 15,16

HALF YEARLY EXAMINATION

Pg- 13,14,19,20,21,24,25,26,27,32,33,35,80,8

UNIT 2

Pg- 39,41,52

FINAL EXAMINATION

Pg- 36,45,49,57,59,64,66,67,70,73,76,86,87

VALUE EDUCATION

UNIT 1:

1. All jobs are special. (L-1)
2. Having a sense of humour. (L-2)
3. A quiz on the pandemic. (L-3)

HALF YEARLY:-

1. Respecting all cultures. (L-4)
2. Dealing with difficult situations. (L-5)
3. Manners, etiquette, social courtesies. (L-6)
4. Dealing with peer pressure. (L-7)
5. All Jobs are special. (L-1)
6. A quiz on the pandemic. (L-3)

UNIT 2:

1. Being your own best friend. (L-8)
2. Getting your priorities right. (L-9)
3. Be a buddy, not a bully. (L-10)

FINALS:-

1. Confident or over- confident. (L-11)
2. Dealing with depression. (L-12)
3. Energy level and body language. (L-13)
4. Being safe online. (L-14)
5. Being a conscious Global citizen. (L-15)
6. Addiction. (L-16)
7. Dealing with difficult situations. (L-5)
8. Respecting all cultures. (L-4)
