

ST. THOMAS SCHOL, LONI

CURRICULUM

CLASS-V

ENGLISH

Teaching Objectives-

- acquire the reading ability and read the material that is appropriate for his level.
- acquire a vocabulary enough to help him in the use of the language that he makes.
- respond to short conversational questions and to ask questions himself.
- write English legibly and coherently using proper punctuation and spelling.
- use English when he has to respond to calls, requests, greetings, etc. when he has to do the same to others.
- express their ideas in English in the classroom at school, at home and in society.
- respond and react to situations actively and not remain only a passive listener.
- acquire the ability to understand the native speakers and also be able to respond to them.
- read books, newspapers and periodicals with understanding.
- use reference material like encyclopedia, dictionaries, reference books, etc.

Prescribed Book -WOW! English

Publisher- Eupheus Learning

SYLLABUS FOR ACADEMIC SESSION (2020-21)

TERM 1

PERIODIC TEST- I

Course Book WOW English - Eupheus Learning	Unit 1- Better Me 2- Family
Tsonga n pansy	Nouns, Pronouns, Adjectives, Antonyms and Synonyms
Writing	Notice writing

HALF YEARLY EXAMINATION

Course Book WOW English - Eupheus Learning	Unit 1- Better Me 2- Family 3- Fascinating Science(Activity) 4- Travel 5-Inspiring People
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Tsonga n pansy	Punctuation, Figures of Speech-Similes, Tenses, Nouns, Pronouns, Adjectives, Antonyms and Synonyms
Writing	Informal Letter, Paragraph, Notice

TERM II

PERIODIC TEST -III

Course Book WOW English - Eupheus Learning	Unit 6-Myths and Legends 7-Virtues and Values
Tsonga n pansy	Adverbs, Active-Passive, Determiners
Writing	Message Writing

ANNUAL EXAMINATION

Course Book WOW English - Eupheus Learning	Unit 6-Myths and Legends(Activity) 7- Virtues and Values 8- Adventure 9- Wit and Humour 10-Animals
Tsonga n pansy	Reported Speech, Homophones and Homonyms, Prefixes and Suffixes, Conjunctions, Prepositions, Adverbs, Active-Passive, Determiners
Writing	Message Writing, Diary Writing, Story Writing

हिंदी

शिक्षण के उद्देश्य-

- * छात्रों की पठन कला का विकास करना।
- * उन्हें व्याकरण का ज्ञान देना जिससे वे भाषा के शुद्ध रूप का प्रयोग कर सकें।
- * अपनी राष्ट्र भाषा के शुद्ध रूप का ज्ञान देना।
- * भावों और विचारों की स्वतंत्र अभिव्यक्ति करना।
- * भाषा की अलग - अलग भूमिकाओं को समझना।
- * नए शब्दों का सृजन करना।
- * हिंदी भाषा के विविध रूपों को समझना।
- * भाषा की बारीकियों को समझना।

पाठ्य पुस्तकें - 1 पावनी (भाग - ५) ,

2 आधारशिला

प्रकाशक - ब्लूप्रिंट एजुकेशन (पावनी भाग - ५)

शिक्षण सत्र २०२०-२१ का पठ्यक्रम

सामयिक परीक्षा 1	
पावनी	
पाठ-१	अरमान
पाठ-२	एक पौधे की समुद्रयात्रा
पाठ-३	छोटा गाँधी (रचनात्मक गतिविधि)
पाठ-४	नरेंद्र के जीवन से
आधारशिला	
पाठ-१	भाषा, शब्द और व्याकरण
पाठ-२	वर्णविचार
पढ़-४	संज्ञा
पाठ-११	पर्यायवाची
पाठ-१२	विलोमशब्द

अर्धवार्षिक परीक्षा	
पावनी	
पाठ-१	अरमान
पाठ-२	एक पौधे की समुद्र यात्रा
पाठ-४	नरेंद्र के जीवन से

पाठ-५	सूरज का गोला
पाठ-६	फिर गधे से गधा
पाठ-७	खेल दिवस (रचनात्मक गतिविधि)
पाठ-८	पिता का पत्र
आधारशिला	
पढ़-४	संज्ञा
पाठ-५	संज्ञा के विकार
पाठ-६	सर्वनाम
पाठ-७	विशेषण
पाठ-११	पर्यायवाची
पाठ-१२	विलोमशब्द
पाठ-१३	अनेक शब्दों के लिए एक शब्द
रचनात्मक अभिव्यक्ति	पठित व अपठित गद्यांश-पद्यांश, अनुच्छेद, औपचारिक पत्र।

सामयिक परीक्षा 3

पावनी	
पाठ-९	माँ यह वसंत ऋतु राज री
पाठ-१०	शीश-महल
पाठ-११	मुकदमा हवा-पानी का
पाठ-१२	दोहे (अर्थबोध गतिविधि)
आधारशिला	
पाठ-५	संज्ञा के विकार
पाठ-८	क्रिया
पाठ-९	काल
पाठ-१०	वाक्य

वार्षिक परीक्षा	
पावनी	
पाठ-८	पिता का पत्र
पाठ-४	नरेंद्र के जीवन से
पाठ-९	माँ यह वसंत ऋतु राज री
पाठ-१०	शीश-महल
पाठ-१३	गुलाब सिंह
पाठ-१४	विकास की डायरी से (रचनात्मक गतिविधि)
पाठ-१५	एल्बर्टश्वाइत्ज़र
पाठ-१६	स्वामी की दादी
आधारशिला	
पाठ-५	संज्ञा के विकार
पाठ-८	क्रिया
पाठ-९	काल
पाठ-१०	वाक्य
पाठ-११	पर्यायवाची
पाठ-१२	विलोमशब्द
पाठ-१३	अनेक शब्दों के लिए एक शब्द
पाठ-१४	विरामचिह्न
रचनात्मक अभिव्यक्ति	पठितव अपठित गद्यांश-पद्यांश, अनुच्छेद, अनौपचारिकपत्र।

MATHEMATICS

Teaching Objectives-

- Read and write large numbers and perform four basic arithmetic operations on them.
- Acquire understanding about fractions, find the number corresponding to part of a collection and identify and form equivalent fractions of a given fraction.
- Convert fractions into decimals and vice versa.

- Explore idea of angles and shapes, classify angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing.
- Identify 2D shapes from the environment that have rotation and reflection symmetry like alphabet and shapes.
- Make cube, cylinder and cone using nets designed for this purpose.
- Relate different commonly used larger and smaller units of length, weight and volume and convert larger units to smaller units and vice-versa.
- Apply the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals.
- Identify the pattern in triangular number and square number.
- Collect data related to various daily life situations, represent it in tabular form and as bar graph, pictograph and interpret it.

Prescribed Book- Math-magic

Publisher -N.C.E.R.T

SYLLABUS FOR ACADEMIC SESSION (2020-21)

TERM-I

PERIODIC TEST-I

Chapter-1	The Fish Tale
Chapter-2	Shapes and angles
Chapter-3	How many squares?

HALF YEARLY EXAMINATION

Chapter-1	The Fish Tale
Chapter-2	Shapes and Angles
Chapter-4	Parts and Wholes
Chapter-5	Does it Look the Same?
Chapter-6	Be my multiple, I'll be your factor
Chapter-7	Can you see the pattern
Chapter-11	Area and its Boundary

TERM-II

PERIODIC TEST-III

Chapter-10	Tenths and Hundredths (Length, mass and capacity included)
Chapter-12	Smart charts
Chapter-14	How big? How heavy?

ANNUAL EXAMINATION

Chapter-4	Parts and Wholes
Chapter-8	Mapping your way
Chapter-9	Boxes and sketches
Chapter-10	Tenths and Hundredths (Length, mass and capacity included)
Chapter-12	Smart charts
Chapter-13	Ways to multiply and divide
Chapter-14	How big? How heavy?

SCIENCE

Teaching Objectives-

The objectives of the teaching and study of sciences are to encourage and enable students to:

- develop inquiring minds and curiosity about science and the natural world.
- acquire knowledge, conceptual understanding and skills to solve problems and make informed decisions in scientific and other contexts.
- develop skills of scientific inquiry to design and carry out scientific investigations and evaluate scientific evidence to draw conclusions.
- communicate scientific ideas, arguments and practical experiences accurately in a variety of ways.
- think analytically, critically and creatively to solve problems, judge arguments and make decisions in scientific and other contexts.
- appreciate the benefits and limitations of science and its application in technological developments.
- understand the international nature of science and the interdependence of science, technology and society, including the benefits, limitations and implications imposed by social, economic, political, environmental, cultural and ethical factors.

- demonstrate attitudes and develop values of honesty and respect for themselves, others, and their shared environment.

Prescribed Book- Millennium's Science

Publisher- Millennium Book Source Pvt. Ltd.

SYLLABUS FOR ACADEMIC SESSION (2020-21)

TERM I

Total Chapters: 07

Chapter 1	Reproduction in plants
Chapter 2	Animals and their lifestyle
Chapter 3	Human body – Bones and muscles
Chapter 6	Building houses
Chapter 7	Living safely (Activity)
Chapter 9	Air and water
Chapter 10	Rocks and minerals

PERIODIC TEST I

Chapter 1	Reproduction in plants
Chapter 2	Animals and their lifestyle
Chapter 7	Living safely

HALF YEARLY EXAMINATION

Chapter 1	Reproduction in plants
Chapter 2	Animals and their lifestyle
Chapter 3	Human body – Bones and muscles
Chapter 6	Building houses
Chapter 9	Air and water
Chapter 10	Rocks and minerals

TERM II**Total Chapters: 08**

Chapter 4	Nervous system
Chapter 5	Food and Health
Chapter 8	Saving our environment
Chapter 11	Soil conservation
Chapter 12	Natural calamities (Activity)
Chapter 13	States of matter
Chapter 14	Force ,energy and simple machines
Chapter 15	The Moon

PERIODIC TEST III

Chapter 4	Nervous system
Chapter 5	Food and Health
Chapter 8	Saving our environment

ANNUAL EXAMINATION

Chapter 4	Nervous system
Chapter 5	Food and Health
Chapter 11	Soil conservation
Chapter 12	Natural calamities (Activity)
Chapter 13	States of matter
Chapter 14	Force energy and simple machines
Chapter 15	The moon

SOCIAL SCIENCE

Teaching Objectives-

- To help the child to explore his social and cultural environment.
- To develop in the child a sense of belonging to the society through a gradual widening of his mental horizon from his home and school to the wider world around.
- To promote international understandings.
- To foster national feelings.
- To foster an attitude towards knowledge, life and learning relevant to the present.
- To understand about the earth, its diversities, globes, maps and distinguish between different types of maps.
- To enable children to learn and appreciate India's rich cultural heritage.
- To help the children understand the importance of the United Nations and India's role in it to promote and help maintain peace in the world.

Prescribed Book- Millennium's Social Studies

Publisher-Millennium Book Source Pvt. Ltd.

SYLLABUS FOR ACADEMIC SESSION (2020-21)

TERM- I

Total Chapters: 11

PERIODIC TEST-I

Unit-1: Our Planet: The Earth	Chapter- 1 The Globe and Imaginary Lines
Unit-2: Geographical Boundary	Chapter-5 Democratic Republic of the Congo-Land of Dense Forests
Unit-4: Our History	Chapter-13 Prominent Dynasties of India
Unit-5: Culture and Society	Chapter-19 Conquering Distances (Activity Based)

HALF YEARLY EXAMINATION

Unit-1: Our Planet: The Earth	Chapter- 2 Maps
Unit-2: Geographical Boundary	Chapter-6 Greenland- Land of Snow
Unit-3: Our environment and its resources	Chapter-9 Weather and Climate
Unit-4: Our History	Chapter -14 India under British Rule

	Chapter-16 Great People (Activity Based)
Unit-5: Culture and Society	Chapter-20 Keeping in Touch Chapter-22 Our Government

TERM- II

Total Chapters: 10

PERIODIC TEST-III

Unit 1: Our Planet: The Earth	Chapter-4 Movement of Earth
Unit-2: Geographical Boundary	Chapter-7 Saudi Arabia- Land of Sand
Unit-3: Our Environment and Its Resources	Chapter -10 Environmental Pollution (Activity Based)
Unit-5: Culture and Society	Chapter-21 Our Agriculture and Industries

ANNUAL EXAMINATION

Unit 1: Our Planet: The Earth	Chapter-4 Movement of Earth
Unit-2: Geographical Boundary	Chapter-8 The Prairies- Treeless Grasslands
Unit-3: Our environment and its resources	Chapter-11 Caring for the Environment Chapter-12 Natural Disasters (Activity Based)
Unit-4: Our History	Chapter-18 Recording and Sharing Knowledge
Unit-5: Culture and Society	Chapter-21 Our Agriculture and Industries Chapter-23 The United Nations

COMPUTER

Teaching Objectives-

The main objectives of computer education are as follows-

- Teaching students how to use computer technologies helps them prepare for any number of possible careers, and even when classes based on computer education can get even more specific.
- In this level we can introduce them to various technologies like Microsoft office, scratch programming and even with internet technologies.

- They should be able to create documents using word processing software like Ms-word and they should also know advance features of MS-Word, like-mail merge, to make working with documents easy.
- They should know to perform calculations and manipulations on data in an organized way using spread sheet software like Ms-Excel.
- They should be able to express their views using animation and presentation tools like Ms-PowerPoint.
- Simple programming languages should be introduced to them for building their computational thinking skills.
- Exposure to Internet technologies like emails, social networking, search engines etc. can provide them a platform to express their thoughts and gather new information about our changing world.

Prescribed Book- Tools 16

Publisher- KIPS learning solution Pvt. Ltd.

SYLLABUS FOR ACADEMIC SESSION (2020-21)

TERM- I

PERIODIC TEST I

Theory

Chapter Number	Chapter Name
Chapter 1	Evolution of computer
Chapter 2	Understanding window 10

HALF YEARLY EXAMINATION

Theory

Chapter Number	Chapter Name
Chapter 4	Using Mail Merge (Activity)
Chapter 5	More on PowerPoint
Chapter 6	Formatting a presentation

Practical- Using tables in Microsoft Word and formatting a presentation in Microsoft PowerPoint

TERM- II

PERIODIC TEST II

Theory

Chapter Number	Chapter Name
Chapter 7	Programming in scratch (Activity)
Chapter 8	OneNote (Activity)

ANNUAL EXAMINATION

Theory

Chapter Number	Chapter Name
Chapter 3	Working with tables
Chapter 9	Ms Excel 2016
Chapter 10	Internet and E-mail

Practical- Creating tables in MS-word and working in Microsoft Excel