

**ST. THOMAS SCHOOL, LONI**  
**PREPARATORY STAGE CURRICULUM**

**ENGLISH**

**Teaching Objectives:**

- To achieve targets with respect to foundational literacy.
- To develop the ability to read , speak comprehend and write English
- To make the students understand the text using audio-visual aids
- To make them aware of the text with some experiential learning activity
- To help students develop creativity and the ability to think and communicate
- To give a chance to all the students to speak freely in English.
- To understand the total content and underlying meaning in the context.
- To develop correct reading habits.
- To grasp meaning of words and sentences.
- To be able to converse in English on their own
- To follow simple narratives and descriptions.
- To maintain students listening attention for a reasonable length of time.
- To follow directions given orally.
- To pronounce English correctly and intelligibly.
- To use appropriate word stress, sentence stress, and intonation.
- To put ideas in the proper sequence.
- To use appropriate vocabulary and grammar while framing sentences.
- To spell words correctly.
- To acquire the reading ability and read the material that is appropriate for his level.
- To acquire a vocabulary enough to help him in the use of the language that he makes.
- To respond to short conversational questions and to ask questions himself.
- To write English legibly and coherently using proper punctuation and spelling.
- To use English when he has to respond to calls, requests, greetings, etc. when he has to do the same to others.
- To express their ideas in English in the classroom at school, at home and in society.
- To respond and react to situations actively and not remain only a passive listener.
- To acquire the ability to understand the native speakers and also be able to respond to them.
- To read books, newspapers and periodicals with understanding.
- To use reference material like encyclopedia, dictionaries, reference books, etc.

**HINDI**

**शिक्षण के उद्देश्य-**

- उन्हें व्याकरण का ज्ञान देना जिससे वे भाषा के शुद्ध रूप का प्रयोग कर सकें।
- छात्रों की पठन कला का विकास करना।
- 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।

## **MATHEMATICS**

### **Teaching Objectives-**

- To stimulate interest in the learning of mathematics
- To help students understand and acquire basic mathematical concepts and computational skills.
- To achieve targets with respect to foundational numeracy.
- To read and write numbers using place value.
- To teach the concepts using experiential learning activities
- To help students develop creativity and the ability to think, communicate and solve problems.
- To solve simple daily life problems using the various operations .
- To teach concepts using activity- based methods
- To use the figures which relate to their real life experiences.
- To apply operations of numbers in daily life and use mental math strategy to add, subtract, multiply and divide.
- To solve real-world problems involving addition and subtraction..
- To make full utilization of the lab activities and lab manuals.
- To create and solve simple real life situations/ problems including money, length, mass and capacity by using four operations.
- To acquire understanding about shapes , conversion of units etc.
- To acquire an understanding about fractions
- To apply the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals.
- To collect data related to various daily life situations, represent it in tabular form and as bar graph, pictograph and interpret it.

## **SCIENCE**

### **Teaching Objectives:**

- To encourage an attitude of inquiry in the world around us, excite an interest in the nature and living beings in the nature.
- To make them understand the chapter using audio-visual aids
- To analyze observations; build reasonable explanations; discuss and justify the merits of explanations.
- To give them first hand experiences and experiential learning activities to bring about a better understanding of the chapter.
- To identify simple features (e.g. shape, colour, aroma, where they grow/any other) of flowers, roots and fruits in immediate surroundings.
- To enable them to analyze, observe and experiment using labs.
- To develop inquiring minds and curiosity about science and the natural world.
- To acquire knowledge, conceptual understanding and skills to solve problems and make informed decisions in scientific and other contexts.

- To develop skills of scientific inquiry to design and carry out scientific investigations and evaluate scientific evidence to draw conclusions.
- To communicate scientific ideas, arguments and practical experiences accurately in a variety of ways.
- To develop values of honesty and respect for themselves, others, and their shared environment.

## **SOCIAL SCIENCE**

### **Teaching Objectives:**

- To develop a sense of national integration in students.
- To understand about the globes by showing them the 3D globe.
- To bring about an understanding of the map by showing them the real map.
- To develop an understanding about the diversity of India.
- To bring about an awareness about what happened in the past.
- To learn about different states and union territories of India and locate them in map.
- To explain the content by some experiential learning activity.
- To understand about the natural resources and need to preserve the same.
- To help the children understand about the government and its levels in India.
- To enable children to learn and appreciate India's culture and heritage.
- To develop a sense of universal brotherhood.
- 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 understand about the earth, its diversities, globes, maps and distinguish between different types of maps.

## **COMPUTER**

### **Teaching Objectives-**

- To create documents using word processing software like Ms-word.
- To give them 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. :
- To use simple programming languages, such as scratch, should be introduced to them for building their computational thinking skills.
- To use 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.
- To guide students how to use computer technologies like Microsoft office, scratch programming and even with internet technologies
- 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.
- To perform calculations and manipulations on data in an organized way using spread sheet software like Ms-Excel.
- To be able to express their views using animation and presentation tools like Ms-PowerPoint.