

## **K1 Curriculum**

### Phonemic awareness

It is a fun approach that uses a multi-sensory method to teach the letter sounds to children. Letter sounds that are frequently used are introduced first to enable children to begin building words as early as possible. The program teaches 5 key skills for reading and writing:

- Learning letter sounds
- Learning letter formation
- Blending sounds together
- Identifying the sounds together (Segmenting)
- Reading tricky words
- Have an awareness of print in the environment and its conventions

Letter Sounds - Recognize lower case letters in the alphabet, identify sounds in words and relate them to the letters

Letter Formation - Introduction to lowercase letters a-z

Blending Sounds - Consonant-vowel-consonant blending,

Segmenting - Spelling 3 letter phonetic words,

Tricky Words - Recognize 25 tricky words

Speaking and Listening - Express ideas through speaking, understand directional words, raise questions, make pertinent comments, recount events in a story or experience in the proper sequence.

### Growing with Mathematics

Kindergarten 1 follow the Growing with Mathematics program which is based on exploration, discovery and communication.

The program provides a multi-sensory approach that introduces math concepts at a concrete level. Manipulatives and practical activities allow the children to build upon their understanding. The discussion books, activity books and math literature give children the opportunities to apply this understanding in an abstract level. Additional activities that provide extra help, practice and challenge are available to cater to the range of abilities and needs of the students.

Number Concepts - Dot cards, Recognize numerals 1-20, Write numerals 1-20, Rote count up to 50, Count reliably with one to one correspondence

Sorting and Classification - Use of manipulatives constructively, Sort objects into sets by two attributes, Use of basic math terms to classify and sort objects, Grouping and separating numbers.

Fractions - Equal groups, sharing.

Addition within 10 – Add using manipulative and pictures.

Subtraction within 10 – Add using manipulative and pictures.

Temperature - be able to describe the temperature using the appropriate vocabulary such as hot, warm and cold.

Time – enable the student to sequence events from beginning/middle/end. To identify the days of the week and to identify the day before and after a given day.

Measurement - Begin to understand the passage of days and the calendar, Understand position and direction, Compare attributions of height, length and weight.

Shapes - Name basic geometric shapes, space, 3D shapes, and Explore 2D shapes.

Patterns - Follow simple patterns, Extend to AB and ABC patterning.

Exploring Data – For the students to build and discuss graphs made that are theme related. To identify the highest and lowest numbers in a data set as well as to compare less than, greater than and equal to from a graph.

Thematic Studies

The students are introduced to various topics throughout the year. They learn about the specific topic for two months. Each topic consists of particular objects that needs to be covered. The following topics are discussed and explored during the course of the year.

September & October: All about me – The five senses and Homes

The five senses.

Home country and host country.

What makes a house a home?

Environment friendly houses.

Compare animal homes and our homes.

November & December: Animals – Birds and butterfly

Characteristics of bird, types of birds.

Habitat and habitats.

How do birds fly?

Butterflies – Characteristics, life cycle.

January & February: Food – Food pyramid

Learn about healthy and unhealthy eating habits.

Food pyramid.

Find out where food comes from.

Food in the home country and host country.

Food and how it changes when cooked.

March & April: The world around us – Space and rock

Uses of rocks in structures and roads.

Are rocks living or non-living things?

Basic properties of rocks: smooth, rough etc.

The Solar system.

May & June: Popular Children's books and authors – Lio Lionni

Fredrick

The extraordinary egg

Fish is a fish

It's mine

Swimmy

Cornelius