

# KINDERGARTEN 1 CURRICULUM



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International School  
A VISION FOR EXCELLENCE

## LITERACY

### Based on the UK National Curriculum

#### Spoken Language

- Express themselves effectively, showing awareness of listeners' needs
- Listen carefully
- Act out stories
- Sing songs with actions and intonation
- Take part in 'show and tell' sessions; for example, your child may make a model at home, and tell the class about it
- Make up stories, rhymes and poems
- Develop their own narratives and explanations by connecting ideas or events

#### Spelling, Handwriting and Presentation

- Use a pencil and holding it correctly
- Write recognisable letters, mostly formed correctly and facing the right way
- Write their name
- Write labels, captions and mini books
- Use phonics to write simple consonant-vowel-consonant words, and having a go at more complicated words
- Begin to learn to spell

#### Reading and Comprehension

- Name and sound the letters of the alphabet
- Link sounds to letters (phonics)
- Recognise groups of letters, for example, 'oo' and 'ee'
- Hear and say sounds in words
- Recognise familiar and common words
- Understand a story has a beginning, middle and end
- Follow instructions involving several ideas or actions
- Answer 'how' and 'why' questions about their experiences and in response to stories or events

#### Vocabulary, Grammar and Punctuation

- Begin to form simple sentences
- Use basic punctuation
- Speak clearly and grammatically correctly
- Use past, present and future forms accurately when talking about events that have happened or are to happen in the future

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## NUMERACY

### Growing with Mathematics

#### Whole Numbers

##### Numbers

- Number concepts
- Sort and classify using dot cards
- Recognize numerals 1-20
- Write numerals 1-20
- Rote count up to 50
- Count reliably with one to one correspondence
- Use of manipulatives constructively

##### Addition and subtraction within 20

- Add and subtract using manipulatives and pictures
- Make addition and subtraction stories

#### Measurement

##### Time and Temperature

- Begin to understand the passage of days and the calendar
- Be able to describe the temperature using the appropriate vocabulary such as hot, warm and cold
- Understand position and direction
- Compare attributions of height, length and weight

#### Geometry

##### Shapes and Patterns

- Identify and name basic geometric shapes
- Explore 2D shapes
- Name basic 3D shapes
- Follow simple patterns
- Extend patterns to AB and ABC patterning

#### Data Analysis

##### Exploring Data

- Build and discuss graphs that are theme related
- Identify the highest and lowest numbers in a data set
- Compare less than, greater than and equal to from a graph

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## K1 THEMATIC UNITS

Through a carefully chosen set of themes, the children will explore the following topics while focusing on the four strands - independence and interdependence, communicating, exploring and healthy living.

Themed units help children to see how subjects are both independent and interdependent. This enables them to see the big picture of their learning, make connections across different subjects, and talk about a topic from multiple perspectives.

### Changes

The children will learn all about changes all around them. They will look at how they have changed from a baby and will explore and engage in activities which will include:

- Making ice cubes
- Learning about young animals changing into adults
- Playing in sand and water trays and see how many ways they can change the sand and water
- Make new shapes
- Make loud and soft music

Books on this topic:

- The Hungry Caterpillar- Eric Carle
- The Little Cloud- Eric Carle
- A colour of his own- Lio Lionni

### Plants and Flowers

The children will learn about plants and flowers and they will:

- Grow some plants and flowers of their own
- Make a garden for their class
- Have a flower shop
- Look at some of the things that grow around the school
- Listen to stories about plants

Books on this topic:

- The tiny seed- Eric Carle
- Planting a rainbow-Lois Ehlert
- Oh Say, can you seed- Dr. Seuss
- How a seed grows-Helene Jordan
- Growing vegetable soup- Lois Ehlert

### Clothes

The children will learn all about clothes and they will:

- Have pretend clothes shop in the class
- Find out about special clothes
- Play dressing up games
- Wash some clothes
- Listen to stories on the topic
- Looking at words with patterns
- Clapping and dancing to musical patterns

Books on this topic:

- Elmer the patchwork elephant
- The Emperor's New Clothes
- A colour of his own- Lio Lionni

### Bears

The children will have the opportunity to look at some old teddy bears and compare them with the new teddy bears. They will:

- Find out about real bears
- Listen to the story of Goldilocks and the three bears
- Make porridge
- Make their own story book based on Goldilocks
- Make a portrait of their own teddy bear
- Make bear masks

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## Physical Education

The physical education curriculum for K1 focuses on the following skills:

**Strength, Agility and Resilience** - Students are introduced to safety first and basic techniques of quick body agility drills.

**Captain's Ball** - Students are introduced to the safety rules and learn the skills of hard passes and catch drill, short passes with two hands and overhead passes.

**Baseball with Standing Tee** - Students are introduced to baseball, they will learn to demonstrate a swing with the bat and the ball on the tee. This will be extended to running to the cone bases after swinging.

**Skipping** - Students are introduced to basic jump rope skills swing. They will build on the skills of running or moving while skipping, and backwards jumps.

## Mandarin

The Mandarin curriculum aims to develop the four essential skills of listening, speaking, reading and writing. The students will:

- Acquire a core vocabulary of 40 words
- Identify common frequently used words that are closed to daily life.
- Identifying basic frequently used greetings and phrases. Ability to express and practise with basic words and phrases.
- Identifying basic radicals in Mandarin characters to aid recognition. Building a foundation to recognise basic frequently used Chinese characters.
- Chinese culture appreciation in selected topics such as holidays and Chinese folk stories.

## Personal, Social and Emotional Development

Personal, Social, and Emotional development involves helping children to develop a positive sense of themselves, and others; to form positive relationships and develop respect for others; to develop social skills and learn how to manage their feelings; to understand appropriate behaviour in groups; and to have confidence in their own abilities.

## Swimming

The swimming curriculum ranges from learn to swim classes, to competitive programmes. It includes pool safety rules, water confidence and developing appropriate technique in four competitive swimming strokes.

## Musical Theatre and Drama

This course is designed specifically for SMMIS by Centre Stage Singapore, and combines process driven musical, movement and drama activities which leads to presentations and performance.

Students use drama games, learn singing technique and where appropriate harmonies and develop dance, movement, acting and stagecraft skills.

The students can expect to develop; self-confidence, imagination, cooperation, concentration, empathy, communication, coordination, problem solving, physical fitness and to develop an appreciation of the arts.