

# K1 Science and Pre-math Concepts

- Experiment with objects
- Use senses to learn about the characteristics of things from different perspectives
- Learn about sorting, sequencing, comparing, counting, matching and the concepts of number and quantity through activities
- Experiment with objects and establish fundamental logical thinking





# K2 Science and Pre-math Concepts



- Experiment with objects and images
- Learn about sorting, sequencing, comparing, counting, matching and the concepts of number and quantity
- Describe common objects in daily life with mathematical language, including shape, colour and size, etc.
- Record and compare the numbers of measurement results
- Apply different mathematical concepts in daily life
- Ask questions actively during experiments, analyse the causality, and further develop logical and critical thinking





# K3 Science and Pre-math Concepts

- Experiment with objects, images and abstract symbols
- Learn about sorting, sequencing, comparing, counting, matching and the concepts of number, quantity, addition and subtraction
- Use tools to measure things then record, compare and sequence the results
- Express the results of experiments with the pre-math concepts, which has become the scientific language of children
- Make judgement, reasons and analysis on things with existing concepts and experience, and establish problem-solving, critical and creating thinking

