



## English Language Arts & Chinese Language Arts

Grade 3 students can share their ideas and those of others in different ways, using new words, more impressive sounds and more interesting characters. Your child will print and learn to handwrite like the big kids do! They will be encouraged to ask questions and present ideas, one topic at a time.

## Mathematics

Grade 3 students

- describe quantities to 1000 understand, apply and recall addition facts up to and including  $9 + 9$  and related subtraction facts
- understand and recall multiplication facts to  $5 \times 5$  and related division facts
- understand fractions as a part of a whole
- compare fractions with the same denominators
- understand and determine perimeter for regular and irregular shapes
- solve one-step addition and subtraction equations, using symbols
- create increasing and decreasing patterns
- measure time, mass and length
- describe and sort shapes, using more than one characteristic
- collect information and construct bar graphs
- organize data, using charts, lists and graphs, in order to solve problems

## Science

Your child will explore how sound is produced by vibrations and how the size and rate of vibrations relate to loudness and the pitch of a sound. They'll also learn about animal life cycles, such as that of a butterfly, and how animals adapt to their environments. They'll problem-solve and build structures, using various materials they have tested for strength and stability. Your child will also use simple tests and tools to describe and classify rocks and minerals based on characteristics like colour and hardness.