MATHS

Lesson 2

Prep

Topic: Using units of measurement

Exploring size 2

Lesson concepts

- **Capacity** — Language
- **Capacity** — Direct comparison
- **Length** — Language
- **Length** — Direct comparison
- **Mass** — Language
- **Mass** — Direct comparison

Today students will:

- directly compare the size of objects
- describe the size of objects.

Resources

Find and prepare

Objects in the environment

Construction materials

Teddy or toys

Play equipment

Key terms

long, short, tall, height, length, mass, heavy, light, fat, thin, thick, longer, shorter, space, cover, fit inside, bigger, smaller, straight, curvy, measure, compare, big, describe, represent

For definitions and explanations of terms, please see the Glossary.

Lesson

Introduce the lesson

Remind students they are learning about size and will continue to explore ‘How big are you?’.

Describe and locate objects

Provide opportunities for students to locate objects from a description (for example: find something as tall as your teddy).

Ask students to describe the objects using:

- the language of measurement
- images and drawings
- gestures.

Demonstrate how measurement attributes such as length, height and width can be compared by lining the objects up side-by-side.

Provide opportunities for students to:

- directly compare objects (side-by-side)
- describe the comparisons using familiar measurement words
- predict then compare the objects directly.

Note

Refer to the mass, length, height and the space inside an object or the space the object fills.

Discuss the language of opposites with students.

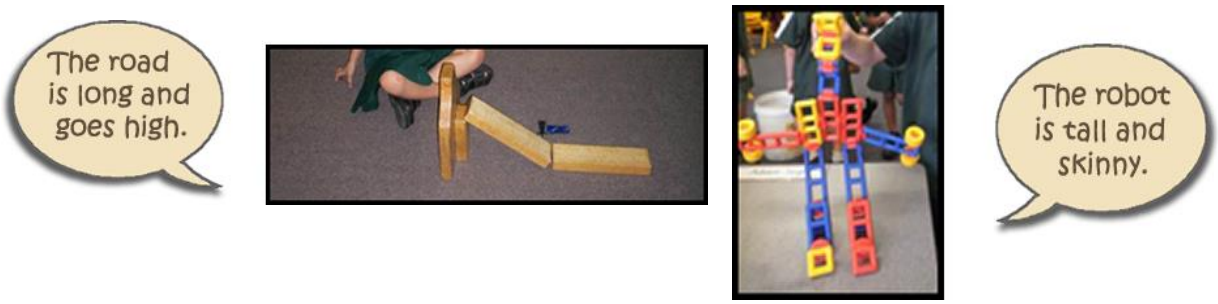
Provide students with opportunities to identify opposites.

Ask students to:

- locate objects that have opposite features

- provide explanations as to why they are opposite (for example: ‘The jug was heavy. I tipped the water out and now it is light’).

Demonstrate to students how to describe objects using two or three obvious measurement attributes.



Provide students with a range of construction materials.

Ask students to:

- construct objects
- describe their construction work using two or more measurement attributes
- explain why their objects have two or more features.