Grade 1 Mathematics: Measurement

Free sample lesson

Ontario curriculum: Mathematics (2020), Strand E, overall expectation E2. 15 days.

From unitplans.ca. For classroom use by the purchasing teacher. Please do not share or resell.

This is Lesson 1 of 11 from the full unit, exactly as it appears in the Teacher Guide, followed by the student worksheet. The full unit is at unitplans.ca.

unitplans.ca

Lesson 1: Long and short

1 day · about 40 minutes · E2.1, E2.2

> **Learning goal**
>
> - We are learning that length tells how long something is, and we compare lengths.

> **Success criteria**
>
> - I can say that length tells how long.
> - I can say which one is longer or shorter.

Materials

- Pencils, crayons and strips of paper
- Linking cubes
- Yarn

What students do with their hands

Students line up classroom objects side by side with the ends matched, and decide which is longer and which is shorter.

Minds On (8 min)

1. Hold up a long pencil and a short crayon. Ask: "Which one is longer?"
2. Say the word length together. Length tells how long.

Action (22 min)

1. Show how to line up two objects so one end of each starts at the same place.
2. Partners compare pairs of objects and say longer or shorter.
3. Students complete the worksheet, using cubes to check.

unitplans.ca

Consolidation (10 min)

1. Each student shows one object and a longer one.
2. Exit: "Which is longer, the pencil or the worm?"

Questions to ask

- How can you tell which is longer?
- Where do the ends line up?

Watch for

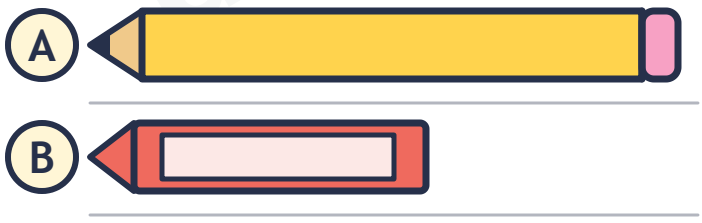
- Some students compare by where the far end is, even when the starts do not match. Line up the starting ends first.

Differentiation

Support	Extend
Compare two objects that are very different in length first.	Find three objects in the room and put them in order.

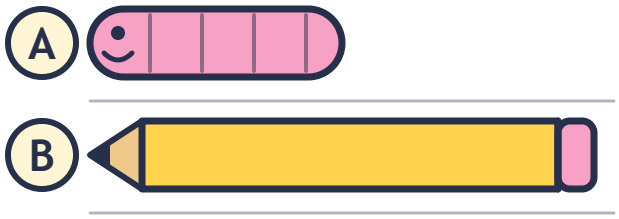
Answer key: Long and short

1. Which is longer? Circle it.



> **Answer:** A, the pencil

2. Which is shorter? Circle it.



unitplans.ca

> **Answer:** A, the worm

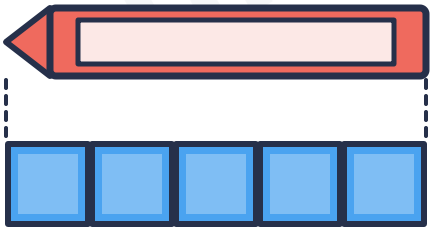
3. Colour the longest one.



unitplans.ca

> **Answer:** B, the pencil

4. How many cubes long is the crayon?



unitplans.ca

> **Answer:** 5

5. Draw a line shorter than the worm.



> **Answer:** Any line shorter than the worm.

unitplans.ca

Student worksheet: Long and short

Success criteria

- I can say that length tells how long.
- I can say which one is longer or shorter.

Look at the picture. Follow the words.

1 Which is longer? Circle it.

A



B



unitplans.ca

2 Which is shorter? Circle it.

A



B



unitplans.ca

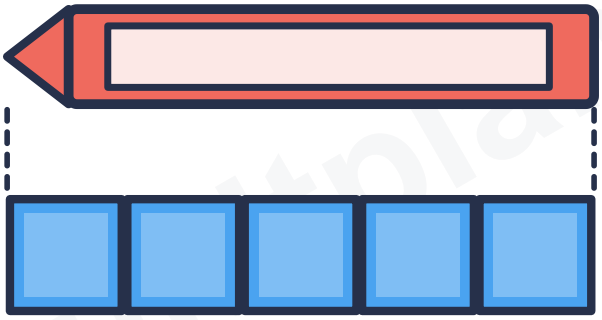
3 Colour the longest one.

A 

B 

C 

4 How many cubes long is the crayon?



5 Draw a line shorter than the worm.

W 