Grade 2 Mathematics: Measurement

Free sample lesson

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

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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.

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Lesson 1: Longer, shorter, the same

1 day · about 40 minutes · E2.1

> **Learning goal**
>
> - We are learning to compare how long things are by lining them up.

> **Success criteria**
>
> - I can line things up at the start.
> - I can say longer, shorter or the same.

Materials

- Pencils, crayons, ribbon, string
- Linking cubes
- Masking tape for a start line

What students do with their hands

Students line up pencils, ribbons and string at one end on the floor, then stand beside a partner to see who is taller.

Minds On (8 min)

1. Two students stand back to back. Ask: "Who is taller? How do you know?"
2. Talk about why we line up at the same start.

Action (22 min)

1. Show a short and a long ribbon. Line them up at one end and compare.

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2. Partners sort ten classroom items into longer than their pencil, shorter, and the same.
3. Complete the worksheet, using real items when needed.

Consolidation (10 min)

1. Each student shows one thing longer than their hand.
2. Exit: "Which is longer, and how do you know?"

Questions to ask

- Where do we start?
- How can you tell which is longer without a ruler?

Watch for

- Some students pick the one that ends farther along the page even when the starts are not lined up. Move them to a start line.

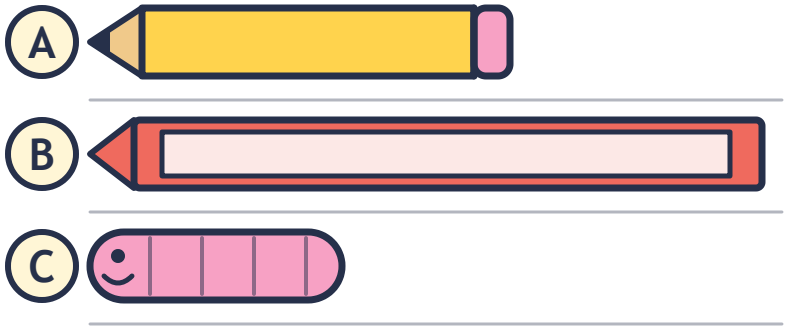
Differentiation

Support	Extend
Compare only two things at a time using real objects.	Put five items in order from shortest to longest.

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Answer key: Longer or shorter

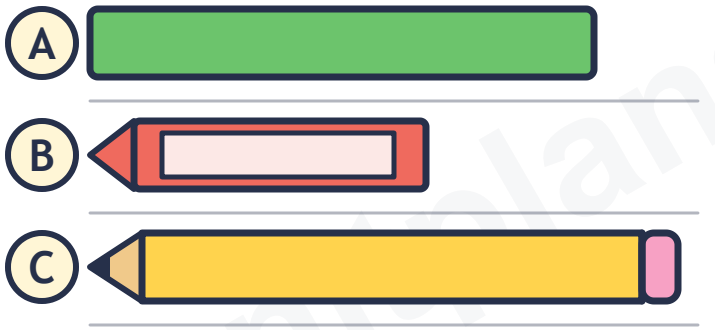
1. Which is longest? Circle the letter.



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> **Answer:** B

2. Which is shortest? Circle the letter.



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> **Answer:** B

3. Which two are the same length?



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> **Answer:** A and C

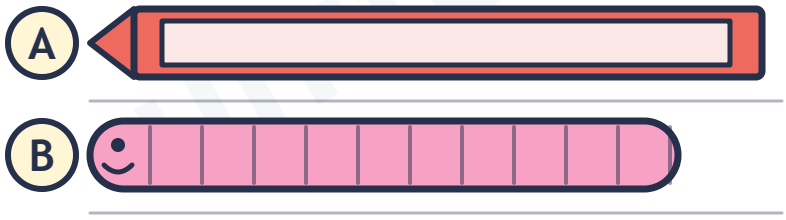
4. Draw a line longer than the ribbon.



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> **Answer:** Any line longer than the ribbon.

5. Which is longer? Circle the letter.



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> **Answer:** A

Student worksheet: Longer or shorter

Success criteria

- I can line things up at the start.
- I can say longer, shorter or the same.

Look at the picture. Circle your answer.

1 Which is longest? Circle the letter.

A 

B 

C 

2 Which is shortest? Circle the letter.

A 

B 

C 

3 Which two are the same length?

A 

B 

C 

4 Draw a line longer than the ribbon.

A 



5 Which is longer? Circle the letter.

A 

B 