

Compare Length



Is this caterpillar longer or shorter than Connor?



Connor the Caterpillar has lots of friends.

Pick a card showing one of Connor's friends.

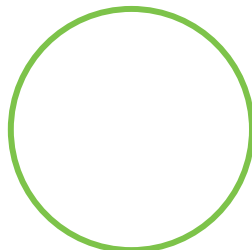
Is this caterpillar shorter or longer than Connor?

How can we check?

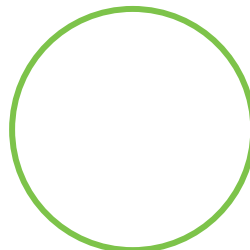
Compare Length



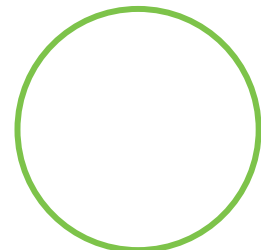
Which set should I place this caterpillar into? Why?



Shorter than
Connor



Same length
as Connor



Longer than
Connor

Connor the Caterpillar has lots of friends.

Can you sort caterpillars into groups?

Which caterpillars are shorter than Connor? Which caterpillars are longer?

Can you find caterpillars that are the same length as Connor?



Can you order the caterpillars from shortest to longest?

Connor the Caterpillar has lots of friends.

Can you find the shortest and the longest caterpillars?

Can you order the caterpillars from shortest to longest?

Can you use cubes to measure the caterpillars?

Where is Connor in the line of caterpillars?



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Questions to Extend and Deepen Understanding

While the children are completing the challenge, you may wish to ask them the following questions:

- What can you tell me about this caterpillar?
- Is this caterpillar shorter than Connor the Caterpillar? How can we check?
- I think this caterpillar is longer than Connor. Am I correct? Why? Why not?
- Can you find the shortest/longest caterpillar?
- Can you put the caterpillars in order from shortest to longest? Which comes next?
- How could you use cubes to measure the caterpillars and compare the lengths?

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Challenge Set-Up Instructions

1. To set up the challenges, print the caterpillar pictures from the Measuring Caterpillar Lengths Maths Activity.
 2. For the green challenge, fasten the picture of Connor the Caterpillar onto the table and place the other caterpillar pictures alongside to compare. You may wish to remove the pictures that show caterpillars that are the same length as Connor for this challenge.
 3. For the yellow challenge, place three sorting hoops onto the table alongside the picture of Connor.
- Label the hoops 'Shorter than Connor', 'Same length as Connor' and 'Longer than Connor'.
4. For the orange challenge, no pictures need to be fastened to the table. You may wish to remove the pictures that show caterpillars that are the same length as Connor for this challenge. Provide cubes for children to measure the caterpillars.
 5. When working with the children, you may wish to use the suggested questions to extend and deepen their understanding of the concept of comparing lengths.