

# CCSS Mathematics Assessment Task

## Measurement Flashcards

Grade Level: Kindergarten

Mathematics Domain and Cluster:

Domain: Measurement and Data

Cluster: Describe and compare measurable attributes.

Common Core standard(s) being assessed (if the task is intended to assess only one part of the standard, underline that part of the standard):

K.MD.2: Directly compare two objects with a measurable attribute in common, to see which object has “more of”/“less of” the attribute, and describe the difference. For example, directly compare the heights of two children and describe one child as taller/shorter.

Student Materials:

- None

Teacher Materials:

- Measurement Flashcards
- Checklist
- Pencil

Directions (for teacher to administer assessment task):

Teacher may choose whether to assess students individually or in small groups.

- Cut out each of the long rectangular boxes outlined in bold (do NOT cut along the dashed lines). Then, fold each rectangle along the dashed line so the questions/prompts appear on the back of the diagram.
- Ask question prompts. Record the student’s responses on the Checklist.

Prompt:

1. Length: Hold the flashcard up in front of student. Say: **Look at Rectangle S.** (Teacher to point to Rectangle S.) **Which rectangle is longer than Rectangle S?**
2. Length: **Look at Rectangle S and Rectangle M. Use comparing words to tell me about Rectangle S and Rectangle M.**
3. Height: Hold the flashcard up in front of student. Say: **Look at Can C.** (Teacher to point to Can C.) **Which can is taller than Can C?**
4. Height: **Look at Can C and Can T. Use comparing words to tell me about Can C and Can T.**

Correct or Model Answer:

Length: Rectangle R.

Difference in length: “Rectangle S is longer.” OR “Rectangle M is shorter.”

Height: Can P.

Difference in height: “Can C is taller.” OR “Can T is shorter.”

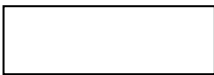
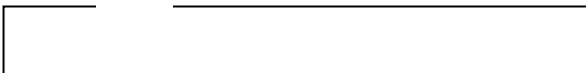
## CCSS Mathematics Assessment Task

Scoring Guide/Rubric (a score should be awarded for each criterion below)			
Criteria (CCSS code)	0 points	1 Point	2 Points
Comparing the measurable attributes of two objects. (K.MD.2)	Student does not accurately identify the objects that are longer and taller when comparing their length and height.	Student accurately identifies the objects that are longer OR taller when comparing their length and height.	Student accurately identifies the objects that are longer AND taller when comparing their length and height.
Describing the measurable attributes of two objects. (K.MD.2)	Student does not accurately describe a difference between the objects when comparing their length and height.	Student accurately describes a difference between the objects when comparing their length OR height.	Student accurately describes a difference between the objects when comparing their length AND height.

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## Measurement Flashcards

Cut out each of the long rectangular boxes outlined in bold (do NOT cut along the dashed lines). Then, fold each rectangle along the dashed line so the questions/prompts appear on the back of the diagram.



1. **Look at Rectangle S.** (Teacher to point to Rectangle S.) **Which rectangle is longer than Rectangle S?**

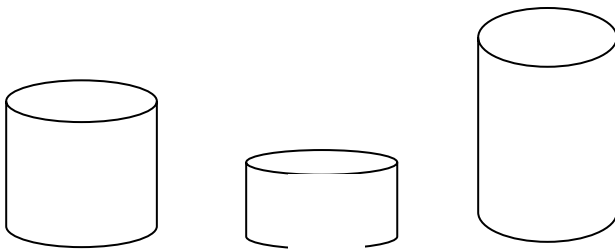
(Correct Response\*: Rectangle R)

\*If the student does not know the letters of the alphabet yet, if the student points to Rectangle R, it is a correct response.

2. **Look at Rectangle S and Rectangle M. Use comparing words to tell me about Rectangle S and Rectangle M.**

(Correct Response\*: Rectangle S is longer OR Rectangle M is shorter)

\*Student should be able to describe the comparison either by speaking or in writing.



3. **Look at Can C.** (Teacher to point to Can C.) **Which can is taller than Can C?**

(Correct Response: Can P)

\*If the student does not know the letters of the alphabet yet, if the student points to Rectangle R, it is a correct response.

4. **Look at Can C and Can T. Use comparing words to tell me about Can C and Can T.**  
(Correct Response\*: Can C is taller OR Can T is shorter)

\*Student should be able to describe the comparison either by speaking or in writing.

## CCSS Mathematics Assessment Task

## Checklist

[illegible]

**Scoring Guide/Rubric** (a score should be awarded for each criterion below)

Criteria (CCSS code)	0 points	1 Point	2 Points
Comparing the measurable attributes of two objects.* (K.MD.2)	Student does not accurately identify the objects that are longer and shorter when comparing their length and height.	Student accurately identifies the objects that are longer OR taller when comparing their length and height.	Student accurately identifies the objects that are longer AND taller when comparing their length and height.
Describing the measurable attributes of two objects. (K.MD.2)	Student does not accurately describe a difference between the objects when comparing their length and height.	Student accurately describes a difference between the objects when comparing their length OR height.	Student accurately describes a difference between the objects when comparing their length AND height.

\* If the student does not know the letters of the alphabet, pointing to the object is acceptable.