CCSS Mathematics Assessment Task
Crayons and Markers

Grade Level: Kindergarten

Mathematics Domain and Cluster:
Domain: Operations and Algebraic Thinking
Cluster: Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from.

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.OA.1: Represent addition and subtraction with objects, fingers, mental images, drawings (drawing need not show details, but should show the mathematics in the problem), sounds (e.g., claps), acting out situations, verbal explanations, expressions, or equations.
K.OA.2: Solve addition and subtraction word problems, and add and subtract within 10 e.g., by using objects or drawings to represent the problem.

Student Materials:
- Crayons and Markers Assessment Sheet
- Box of Crayons
- Box of Markers
- Pencil

Teacher Materials:
- None

Directions (for teacher to administer assessment task):
- Hand out the Crayons and Markers assessment.

Differentiation:
- Student can represent their thinking using objects. Teacher can take a picture as evidence of understanding. To gain a better understanding of students thinking the teacher can ask the student to explain how they solved the problem.

Prompt:
Say: **Today you will solve a story problem. You can use materials you have in your pencil boxes.**

Read the prompt: **Take 4 crayons out of your crayon box. Take 6 markers out of your marker box. How many crayons and markers do you have in all/all together?**
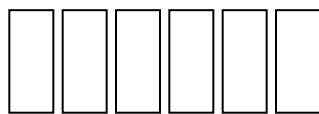
Correct or Model Answer:
Possible Drawing:

| 1 | 2 | 3 | 4 | | 5 | 6 | 7 | 8 | 9 | 10 |

Equation:
$4 + 6 = 10$

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**
Represent addition with objects, drawings or equations. (K.OA.1) (K.OA.2)	Student is unable to represent the addition problem using objects, drawings and/or equation.	Student represents the addition problem using objects, drawings and/or equation with some mistakes.	Student accurately represents the addition problem using objects, drawings and/or equation.

CCSS Mathematics Assessment Task

Name _____   Date _____

Crayons and Markers

Problem: Take 4 crayons out of your crayon box. Take 6 markers out of your marker box. How many crayons and markers do you have in all/all together?
Solve the problem. Show your thinking.