

Standard Clarification for Early Childhood Mathematics

ECSQ.SimpleOperationsandBeginningAlgebraicThinking.5.1

Standard SOBAT.5.1		DOK
Begin to develop the ability to solve problems involving joining, separating, combining, and comparing.		2
Content: What do we want students to KNOW?	Skills: What do we want students to be able to DO?	
<ul style="list-style-type: none"> • problems involving joining – tasks that start with a base number and adding on • problems involving separating – tasks that require taking apart • problems involving combining – tasks that bring two or more things together as a whole or merge • problems involving comparing – tasks that require telling or showing what is the same and what is different 	<ul style="list-style-type: none"> • begin to develop the ability to solve – show progress towards completing or resolving through various methods 	
Type of Target	Learning Targets: I Can Statements	DOK
R	I can begin to develop the ability to solve problems involving joining.	2
R	I can begin to develop the ability to solve problems involving separating.	2
R	I can begin to develop the ability to solve problems involving combining.	2
R	I can begin to develop the ability to solve problems involving comparing.	2
R	I can begin to develop the ability to solve problems involving joining, separating, combining, and comparing.	2
Notes/Examples		
<p>joining – I start with 2 gummy bears and add one more to make 3, and add another one to make 4.</p> <p>combining – I have 2 gummy bears in one hand and 3 in the other hand; I can combine them to have one group of five.</p> <p>TS Gold Connections:</p> <ul style="list-style-type: none"> • 20b Uses number concepts and operations: Quantifies (level 4+) • 21b Explores and describes spatial relationships and shapes: Understands spatial relationships (level 8+) • 22 Compares and measures (level 2+) • 23 Demonstrates knowledge of patterns (level 6+) 		
Resources Used		
Michigan Department of Education (2013). <i>Early childhood standards of quality for prekindergarten</i> . Lansing, MI: Michigan Department of Education.		