Standard Clarification for Early Childhood Mathematics

ECSQ.MathPractices.1.2

Standard MP.1.2	DOK
Generate new problems from every day mathematical situations and use current knowledge and experience to solve them (e.g., distribute crackers).	2

Content: What do we want students to KNOW?	Skills: What do we want students to be able to DO?
• **new problems from every day mathematical situations** – questions from daily math experiences • **current knowledge and experience** – what they know and what has happened to them	• **generate** – to produce • **use** – to apply • **solve** – to find a solution • **identify** – to tell or show

Type of Target	Learning Targets: I Can Statements	DOK
K	I can identify a new problem from every day mathematical situations.	1
P	I can generate a new problem from every day mathematical situations.	2
R	I can use my current knowledge and experience to solve the problem.	2
P	I can generate new problems from every day mathematical situations and use current knowledge and experience to solve them.	2

Notes/Examples

TS Gold Connections:

- 20a Uses number concepts and operations: Counts (level 2+)
- 20b Uses number concepts and operations: Quantifies (level 8+)
- 20c Uses number concepts and operations: Connects numerals with their quantities (level 3+)
- 21a Explores and describes spatial relationships and shares: Understands spatial relationships (level 6+)
- 23 Demonstrates knowledge of patterns (level 6+)

Resources Used

Michigan Department of Education (2013). *Early childhood standards of quality for prekindergarten.* Lansing, MI: Michigan Department of Education.