



Observing M⁵ in Action

This handout provides questions that help observers notice each of the M5 teaching practices. It includes questions that apply across ages. Use the questions that work best for the video you have chosen. The video clip may or may not include examples related to each question.

Mutual Learning

- What did (or might) the educator learn about each child during this experience?
- In what ways was the educator responsive to individual children? Consider the children's interests, languages, cultures and lived experiences, abilities, and emerging skills and knowledge.

Meaningful Investigations

- In what ways was the experience based on children's questions, interests, or real-world situations?
- In what ways was the experience open-ended? How did the open-ended nature support children to experiment with different approaches to solving a problem or answering a question?
- In what ways did the educator support children's thinking and problem-solving?



Materials and Learning Environment

- What did you notice about the materials and learning environment?
- In what ways did the materials and learning environment promote children's understanding of relevant math concepts?

Math Vocabulary and Discourse

- What math vocabulary did the children or educator use?
- In what ways did the educator encourage children to notice and communicate about math concepts (for example, by asking open-ended questions)?
- In what ways did the educator encourage children to participate in math discussions? Some ways children might participate in math discussions include questioning, describing, comparing, or explaining.
- In what ways did the educator support multilingual learners to communicate about math concepts?

Multiple Representations

- What opportunities did the educator offer children to explore and learn about math concepts in different ways?
- What other learning experiences or materials might the educator offer to continue building children's understanding of relevant math concepts?