



Observing M⁵ in Action: Shapes

Mutual Learning

- In what ways was the educator responsive to children's interests, languages, cultures and lived experiences, abilities, and emerging knowledge and skills?
- What did the educator learn about each child during this learning experience?
- In what ways did the educator respond to each child's individual needs?

Meaningful Investigations

- In what ways did this learning experience allow children to question, experiment, and use math to solve problems that they are interested in?
- What open-ended questions and prompts did the educator use to encourage children's thinking and problem-solving?
- In what ways did the educator encourage children to continue exploring and reasoning about shapes?





Materials and Learning Environment

- What did you notice about the materials and learning environment?
- In what ways did the materials and learning environment promote learning about shapes?
- In what ways did the materials and learning environment represent the cultural background and everyday experiences of the children?

Math Vocabulary and Discourse

- What shape vocabulary did the children and educator use?
- How does the educator use what they know about the children's home languages and cultural backgrounds to support children's participation in math discussion?

Multiple Representations

- What other learning experiences or materials might the educator provide to continue building on children's learning of shapes?

