

Bambino Builders

Ramps Lesson Plan

Background: In this activity, children will make predictions about how objects will act when placed on a ramp.

Objectives: Compare and measure objects

Questions to Guide Your Observations:

- In what ways did the child experiment with the objects?
- How did the child interact with others during the learning experience?
- Did the child make any comparisons?

Material Ideas:

- Cove molding, boards, or cardboard paper rolls
- Blocks, shelves, or chairs
- Cars, wooden balls, ping pong balls, or rubber balls

Process:

1. **Set up two ramps at a variety of angles. Collect materials for children to roll down the ramps.**
2. **Tell the children that you have set up the ramps so that you all can see what happens when you roll a small object down the two ramps. Show the children how to do this.**
3. **Give the children the opportunity to pick an object and roll it down the ramps. Support the children's experience by making observations about how the objects roll.**
 - a. Example - "That ball rolls fast down the ramp! What happens when you lower the ramp to a different angle?"
4. **After the children have explored with the ramps, ask them to predict what they think is going to happen before they roll the balls down the ramps.**