Try It

It's time to practice what you've learned. In this activity, you'll apply the strategies and techniques you've learned to your program's learning environment.

Planning with Intentionality

Prepare to lead a hands-on science exploration with children. Download and print **Planning with Intentionality (PDF).** Search for the live-action video “Homemade Hills” on Resources for Early Learning. Watch the video and try the activity. Then, prepare to use it with children.

Supply various items to use as ramps: sheets of cardboard, large books, cushions, baking trays, etc. Gather items of different shapes, weights, sizes, textures, and materials: feathers, paper sheets, small rocks, erasers, toy trucks, marbles, blocks, etc.

- Set a flat surface on a slant to make a ramp.
- Feel the weight, size, texture, etc. of each item. Send the items one at a time down the ramp.
- How does each item move? Why do different items move in different ways? Why do some items roll? Slide? Stay put?

Choose a flat surface with a different texture and repeat the activity.

- How do the same items move down this ramp? Why do some items move differently down this ramp?

1. List the key learning outcomes or big ideas you want children to learn.

2. What supplies and materials are needed?

Try It (CONTINUED)

3. How will you scaffold instruction to support individual children?

4. Create a list of 5-7 open-ended questions that would help children think more deeply about the topic.

5. How will you build on children's own experiences and connect the key science concepts to everyday life?

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