

MATERIALS

- Clear cup
- Opaque cup
- Tape
- A variety of small objects (beads, coins, cotton balls, marbles, paper clips, etc..)



OBSERVE

Allow children to explore small objects. Let them put objects in and out of the cups.



CREATE

Children can create a shaker by putting items in a cup, placing another cup on top and securing the two cups together with tape.



PLAY

Create different sounds using the shakers. Make different kinds of shakers using clear or opaque cups. If shakers are made with opaque cups, children can guess what materials are making noise.

KEY CONCEPTS

Physical Science

Explore sounds made with different objects.

Math

Count the number of objects in the shaker and notice how the sounds relate to them.

Problem Solving & Investigation

Experiment with the number and types of items in the shaker to make different sounds.

Performing Arts - Music

Use the shakers to explore patterns in sounds and create rhythm and music.

QUESTIONS TO ASK

- What kinds of sounds do you think different objects will make?
- How many sounds do you hear?
- What object do you think is making the sound? (if cups are opaque)
- What would happen to the sounds if you put fewer objects or more objects in the shaker?

THINGS TO NOTICE

- Child's excitement and wonder as they explore sound.
- Child's vocabulary as they describe the sounds they hear.
- Notice how children make their shaker. What objects do they use?
- Notice sound patterns children make with shakers.

RESOURCES

[Chrome Music Lab](#)

[This Jazz Man by Karen Ehrhardt](#)