Shadow Shapes Investigation

Preschool-Pre-K | Early science | Inquiry-based

Learner: _____ Date: _____

With an adult, use daylight or a cool flashlight and one safe object. Never look into a bright light. Touching materials is optional.

LIGHT ON

Point light away from eyes.

OBJECT CLOSE

Notice the shadow.

OBJECT FAR

Notice what changes.

TRACE OR TELL

Draw, point, or describe.

Grown-up note: Keep the activity short, playful, and led by the learner's comfort.

Grown-up check: A shadow forms when an object blocks light. Moving the object or light can change the shadow's size or position.

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