

## Tracking shadows

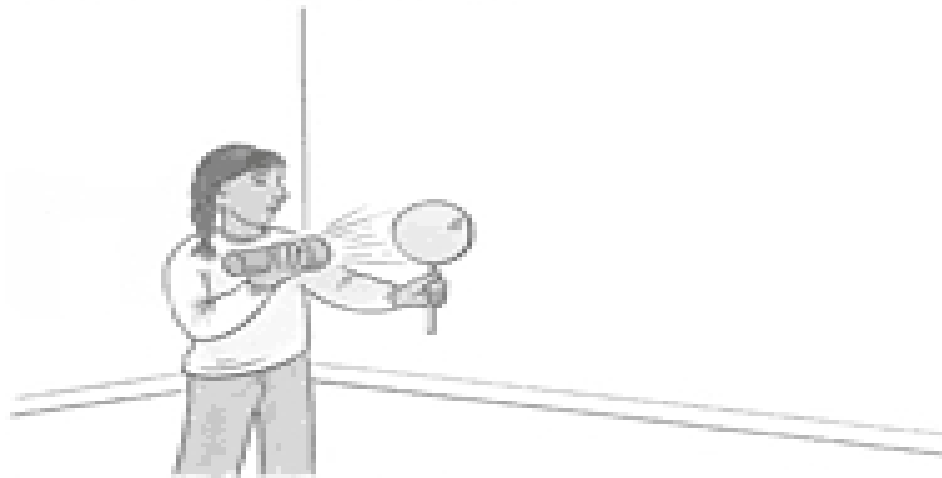


### Background knowledge

You cannot see through opaque materials because light will not pass through them. When you place an opaque object between a light source and a wall, a dark area called a shadow forms on the wall. The shadow forms because the object stops the light from reaching the wall. Remember, light always travels in a straight line.

### Science activity

Vinola taped a cardboard circle to a drinking straw. Next, she held the circle in front of a shining flashlight so that a shadow formed on the wall. Draw the shadow that formed on the wall.



### Science investigation

Try making shadow puppets out of cardboard and glue them to popsicle sticks or straws. Dim the lights and try to build an activity or performance around them. Write a play for your puppets and put on a show for your family and friends.

