

Investigating Shadows

Science Experiment

Method

1. Make a shadow puppet by cutting out the Shadow Puppet Templates and attaching a lolly stick, using sticky tape.
2. Shine a torch at the puppet to make a shadow puppet on a wall.
3. Once the children have made shadow puppets, challenge them to think about what a shadow is and how it is made.
4. Ask the children to use the hole punch to make holes in their puppets.
5. Ask the children to make shadow puppets on the wall again. They will see the holes they have made in the puppet, as light spots on the wall. Why can they see the light spots on the wall?

You will need:

Shadow Puppet Templates

Lolly sticks

Torch

Hole punch

Sticky tape

