

# Shadow Puppet Theatre

You will need:

- Cardboard box (e.g. cereal box)
- Tissue paper or a couple of tissues
- Tape
- Straws or skewers
- Lamp

## THE SCIENCE

Light travels in a straight line. A shadow is formed when the path of the light is blocked by an object that isn't see-through.

1. Tape the box closed then cut a large rectangle from the front and back – leave about an inch border around each edge. Save the cardboard you have cut away!
2. Tape the tissue paper or tissues (1 ply) over the hole on one side only. The side with the tissue faces your audience. The other side is where you, the puppet master, will work your magic.
3. Draw and cut out your puppets using the leftover cardboard and add a straw or skewer. To make them more life-like, you could add hinged body parts with split pins. Just make sure each part has a straw attached.
4. Set up your room with the audience on one side of the theatre and the lamp on the other. You need to be between the lamp and the theatre but not blocking the light. Now it's show time!



Ready for a challenge?  
Look up how to make  
shadow creatures using  
your hands!

@MrsBpriSTEM