

# DT— Shadow Puppets

## Innovation

### Prior Knowledge

The children have previously made sliders, by combining materials to create a moving part on a card. They have experienced story telling through puppetry and know a wide variety of traditional tales.

In science lessons, they have observed and made simple shadows using the sun.



### My Component Knowledge:

Lesson 1: I can explain what I know about shadow puppets and how they work.

Lesson 2: I can explore and discuss how shadows are made.

Lesson 3: I can use my hands to create shadow puppets. and I can use my knowledge of shadows to change their size.

Lesson 4: I can use my knowledge of shadows and light to design a shadow puppet for a story.

Lesson 5: I can use my design ideas and suitable materials to make shadow puppets for a story.

Lesson 6: I can use my shadow puppets to tell a story and explain how my shadow puppets work.

### My Composite Knowledge:

I can create a shadow puppet. I can name different light sources both natural and artificial.

### My Powerful Knowledge:

I am beginning to understand how the position of the sun impacts on the earth. I can join different materials together to create a new product.

### Key Vocabulary

**Tier 1:** cut, stick, glue, shape, light, join, near, far, fold, bend, puppet, story

**Tier 2:** shadow, travel, image, light, block, materials

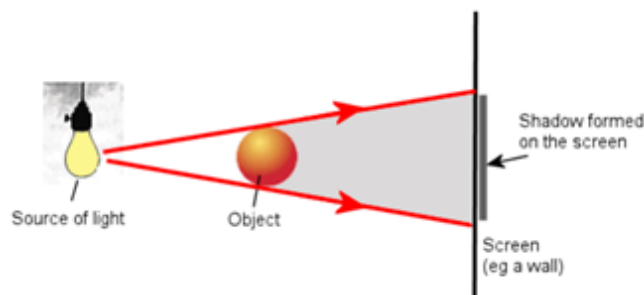
**Tier 3:** translucent, transparent, opaque, ray, score, pierce, attach, shadow puppet,



What is a shadow?

Where do we find light sources?

How do shadows get bigger and smaller?



How are shadows created?