

Design Technology Textiles

Innovation

Prior Knowledge

In year one ,the children have previously made sliders by combing materials to create a moving part on a Christmas card.

In reception, the children have gained experience of story telling through puppetry.



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 knowledge of shadows and light to design a shadow puppet.

Lesson 4: I can use my hands to create shadow puppets. and I can use my knowledge of shadows to change their size.

Lesson 5: I can create a shadow puppet.

Lesson 6: I can explain how my shadow puppet works.

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 differnt materials together to create a new product.

Key Vocabulary

Tier 1: cut, stick, glue, shape, light, join, near, far.

Tier 2: attach, pierce, score, shadow, travel.

Tier 3: translucent, transparent, opaque, ray.

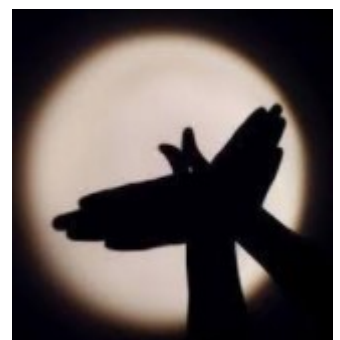
What is a shadow?



Where do we find light sources?



How are shadows created?



How do shadows get bigger and smaller?