

LO: To recognise that shadows are formed when the light from a light source is blocked by a solid object

To understand how shadows change when the light source is at different distances from the object

SC: I know that shadows are formed because the light source is blocked.

I know that the size of a shadow changes depending how close to the light source it is.

SHADOWS

Today I made a puppet and used a light source (torch) to shine onto it. I learned that when the puppet blocked the light, it created a shadow. I then changed the distance the light source was from the puppet and recorded my results.

Distance from light source	Size of shadow

Conclusion:

The shadow was created because the puppet _____ the light.

The shadow got bigger when _____.

The shadow got smaller when _____.