

# Individual Activity Lesson Plan

**Date:** Monday 13<sup>th</sup> July 2020

**Activity Title:** Light & Dark – Shadow Puppets

**Learning Intention:** to explore the concept of light and dark.

**Activity Overview:** learn about light and dark by making and exploring with shadow puppets.

**Links to EYFS:**

Understanding the World:

Can talk about some of the things they have observed such as plants, animals, natural and found objects.

Talks about why things happen and how things work.

Physical Development:

-Uses one handed tools and equipment.

**Equipment:**

-Shadow Puppet Templates

-Lolly sticks

-Torch (if you don't have a torch available the torch function on a phone would work well)

-Hole punch

-Sticky tape

**Key vocabulary:** light, dark, shine, cover, shadow, cut, stick, move.

## ACTIVITY IMPLEMENTATION (including key questions)

**Introduction:**

\*Remind your child of Grace Darling's tale and how she used to live and work in a lighthouse.

-Why are lighthouses important?

-How to lighthouses keep sailors safe?

\*Explain how the light on the lighthouse shines in the dark to show sailors where the rocks/cliffs/dangerous waters are. It is easier to see a light in the dark.

\*Explain that today he/she is going to experiment with light/dark by creating shadow puppets.

**Main Activity:**

**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 your child has made a shadow puppet, challenge them to think about what a shadow is and how it is made.

4. Ask your child to use the hole punch to make holes in his/her puppet.

5. Ask your child 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?

-Can you use your puppet and torch to make a shadow on the wall?

-Can you use your hole punch to make holes in the puppet?

-Make a shadow on the wall again using your puppet. What can you see?

-Why can you see spots of light on the wall within the shape of your shadow puppet?

-What is a shadow?

-What happens if you move the torch closer/further away?

**Challenge:**

-Can you use your hands/fingers to create different shadow shapes on the wall? (Use the image attached below the lesson plan for ideas)



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### Additional ways to support your child:

To support scientific thinking, verbalise your thinking and use lots of 'I wonder...' questions.

### Extension:

Challenge your child to draw a diagram to show the torch, the puppets, and the shadows on the wall.

