



Year Groups: Years 3 and 4 (KS2) Date: Monday 20th April 2020

Subject: Science - Light

LO: I can recognise that light is needed to see things and that dark is the absence of light



Prior learning: What is a source of light?

Key Facts:

- Light sources are places from which light is emitted (produced/made): e.g. Sun, candles, torches, fire, etc...
- Light is needed to see things and that dark is the absence of light.
- Light travels in straight lines.

Pre-Learning Activity:

Complete the pre-learning task on Purple Mash - 2do - Sources of Light

Activity 1: Explore - A dark den

Create a dark den from desks/ tables and blankets. Challenge children to work out which objects you have hidden in it. Now allow the children to do the same activity with a torch.

Activity 2: Explore - What's in the box?

Provide children with a shoe box. In one end of the box make a small viewing hole. Place objects in the end of the box, which children must describe when looking through the viewing hole. Try to prevent any light from entering the box. The children can then add holes in the top of the box so that light can enter the box.

Activity 3: Record

Children draw how they think they can see objects in the box and in the den using Purple Mash - 2do - 2Paint A Picture