

♦ Print or make this colour wheel on card. Push a pencil through the middle and spin it as fast as you can. **What colour can you see?**

♦ Brainstorming a list / draw as many different sources of light that the you can think of?



♦ What is a firefly? can you draw a picture of one and share some facts?

♦ Can you make a sun catcher?

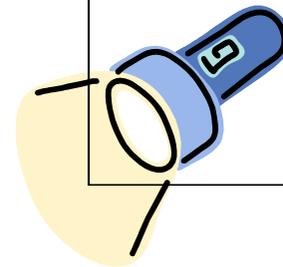
What other project ideas do you have?
Write them down here:



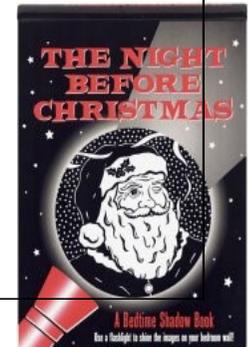
Learning



Log



Year 3
Light

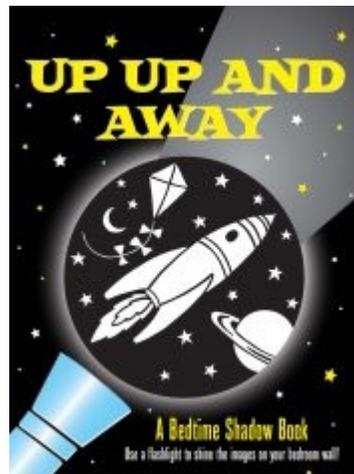


For our first unit of work we will be learning about Light. We will be exploring many different aspects of light which will include: how shadows are formed, how shadows can change shape, the way light travels and the meaning of transparent, opaque and translucent.

We will be looking at a variety of non-fiction texts to help us understand more about Light.



For something a bit



different and to link with our topic, these books might be a nice way to end the day together.

These books are by Heather Zschock and can be found on Amazon.

Here is a list of things which you could do with your child:

- Play games** using shadow puppets such as 'Guess who', 'Who am I?' or even 'Show me!'. So for example, who can show me a rabbit? Who can show me a bird?. Who can show me an elephant? And who can show me a snail?
- Tell a story** through shadows by either making your own puppets using black card or simply using your hands.
- Bend a straw with your eyes.**

What you'll need: A glass half filled with water, a straw, 2 eyes (preferably yours!)

Instructions: Look at the straw from the top and bottom of the glass. Look at the straw from the side of the glass, focus on the point where the straw enters the water, what is strange about what you see?

What's happening? Our eyes are using light to see various objects all the time, but when this light travels through different mediums (such as water & air) it changes direction slightly. Light refracts (or bends) when it passes from water to air. The straw looks bent because you are seeing the bottom part through the water and air but the top part through the air only.