



Edenfield C E Primary School

Medium Term Plan - Sequence and Progression

Subject: Science

Unit: Year 3 - Light and shadow

Key Vocabulary

- Light
- Light source
- Reflect
- Travel
- Shadow
- Opaque
- Transparent
- Translucent
- Mirror
- Sun

Lesson Sequence

1. LO: To recognise why light is important
2. LO: To identify different light sources
3. LO: To investigate the properties of different materials – opaque, translucent and transparent
4. LO: To identify how shadows are formed
5. LO: To find patterns when observing shadows
6. LO: To understand that the sun can be dangerous to our eyes
- 7.

By the end of the unit pupils will know:

- Recognise that they need light in order to see things and that dark is the absence of light.
- Notice that light is reflected from surfaces.
- Recognise that light from the sun can be dangerous and that there are ways to protect their eyes.
- Recognise that shadows are formed when the light from a light source is blocked by a solid object.
- Find patterns in the way that the size of shadows can change.

Skills

Children will work scientifically:

- Looking for patterns in what happens to shadows when the light source moves or the distance between the light source and the object changes.