

## Knowledge Organiser

Year Group	Subject	Topic
1	Science	Light / Materials

### The Big Picture

We will be thinking about where light comes from and how it shines through different types of materials. We will use our observation skills to observe candles and other light sources. The children will be able to recap their knowledge of senses learnt last year - thinking about which body parts/senses they are using for their observations. They will also be learning about various everyday materials and doing simple investigations to discover their properties.

### Enquiry Questions

What can you see?  
 What senses are you using for your observations?  
 What does artificial mean?  
 Is this a light source? Natural or artificial?  
 Is this material hard or soft?

### Important Vocabulary



bright



dim



torch



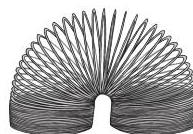
shadow



hard



squashy






bendy



soft

### Key Vocabulary/Facts

Transparent		All light can pass through.
Translucent		Only some light can pass through.
Opaque		No light can pass through.