



Science		Year 3	
Focus: Light			
Age related vocabulary			
Reflect	To cast back (light, heat, sound, etc.) from a surface	Absence	The non-existence or lack of.

Carlton Assessment Grid			
Success Criteria	Pupil Reflection		Teacher Assessment
I can identify different light sources saying whether they are natural or artificial.	Before <input type="checkbox"/>	After <input type="checkbox"/>	
I can explain how things are reflected.	Before <input type="checkbox"/>	After <input type="checkbox"/>	
I can explain the danger of light from the sun and know how to protect my eyes.	Before <input type="checkbox"/>	After <input type="checkbox"/>	
I can compare the difference between shadows when the distance is changed.	Before <input type="checkbox"/>	After <input type="checkbox"/>	
I can explain how shadows are formed.	Before <input type="checkbox"/>	After <input type="checkbox"/>	

### Key Knowledge

- We need light to see things.
- Dark is the absence of light.
- Light travels in straight lines.
- Light travels faster than sound.
- Light is reflected from surfaces.
- Light from the sun is dangerous and we should wear sunglasses to protect our eyes.
- Ultraviolet (UV) light is a type of radiation which you can't see but can be dangerous. UV rays come from the sun.
- The moon does not emit its own light- it reflects the sun.
- Shadows are formed when light from a light source is blocked by an object.
- The size and shape of a shadow changes based on the distance and angle compared to the light source.

