Light (Year 3 and Year 6)

Light					
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		Recognise that they need light in order to see things and that dark is the absence of light Vocabulary- See – light source, Shadow – block, absence of light			Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes Vocabulary- Reflect – bounce, mirror, reflection, refraction See – light source
		Notice that light is reflected from surfaces Vocabulary- Reflect – bounce, mirror, reflection, reflective ray See – light source, opaque, translucent, transparent			Recognise that light appears to travel in straight lines Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye Vocabulary- Reflect – bounce, mirror, reflection, refraction See – light source
		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 sizes of shadows change. Vocabulary- See – light source, Shadow – block, absence of light, Sun – sunset, sunrise, position			Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them. Vocabulary- Reflect – bounce, mirror, reflection, refraction See – light source Simple comparisons: dark, dull, bright, very bright Comparative vocabulary: brighter, duller, and darker Superlative vocabulary: brightest, dullest, and darkest Opaque, translucent, transparent Shadow – block, absence of light
		Recognise that light from the sun can be dangerous and that there are ways to protect their eyes Vocabulary- See – light source, pupil, retina Simple comparisons: dark, dull, bright, very bright, Comparative vocabulary: brighter, duller, and darker Superlative vocabulary: brightest, dullest, and darkest Sun – sunset, sunrise, position			