Leintwardine Endowed CE Primary School Learning Journey Key			
'Letting Our Light Shine'			
SUBJECT : Science	YEAR : B	TERM : Autumn 1 YEAR GROUPS	: Year 3/4
Key Question: How do we see?			
Question	Vocabulary to Use	Information which will help me	Can I?
What's the difference between light and dark? What is a reflective surface and how do mirrors work?	light, source, dark, reflect, see, illuminate, visible, reflect, mirror, light, smooth, shiny, rays, rough, scatter, reverse,	When the light rays hit a smooth surface (like a mirror), they all bounce off at the same angle, creating a clear reflection.	Identify a light source. Explain that we need light to see. Explain that light travels in straight lines.
What surfaces are reflective?	beam, beneficial, dangerous, glare, bright, damage, UV light, UV rating,	Light is a beam of energy that travels in a wave from a source. A wave of light can only travel in a straight line. Waves of light are called light rays.	Identify reflective surfaces. Explain that sun can damage their eyes. Explain how I can
How can I protect my eyes from bright lights like the sun?	spectrum, pupil, retina, protect, direct, sunglasses, hat, brim, energy,	Light from the torch hits the object. The light is reflected from the object.	protect my eyes. Explain how a shadow is formed when a solid object blocks light.
How are shadows formed – how can we change the size and the shapes?	beam, ray, travel, straight, opaque, translucent, transparent, block,		Recognise that a mirror appears to reverse an image. Understand that dark
What happens to the shadow of a rounder's post during the course of the day?	shadow, pattern, size, distance, change		is the absence of light. Identify opaque, translucent and transparent objects.