Leintwardine Endowed CE Primary School Learning Journey Itinerary					
'Letting Our Light Shine'					
SUBJECT : Science		YEAR : B TERM : Autumn 1 Y		YEAR GROUPS : 3/4	
Key Question: How do we see?					
Previous Knowledge – Know that we need light to see. Know that our eyes are used to see. Know how to set up a simple experiment and simple observations.					
END OF UNIT OBJECTIVES					
Some children will not yet have met what is expected and will show that they are emerging because they can:		Most children will show that they have reached the expected level because they can:		Some children will have gone beyond the expected level and will show that they are exceeding because they can:	
 are emerging because they can: With support, identify a light source. Explain that we need light to see. Explain that light travels in straight lines. Identify reflective surfaces. Explain that sun can damage their eyes. Explain how I can protect my eyes. Explain how a shadow is formed when a solid object blocks light. Recognise that a mirror appears to reverse an image. Understand that dark is the absence of light Understand that a shadow is formed when a solid object blocks light. With support: Set up reliable and accurate investigations. Make and explain predictions. Make and record accurate observations. Use scientific language to explain their findings. Be able to ask and answer questions based on their learning using scientific language 					
ASSESSMENT OPPORTUNITIES					
Work created during individual lessons. Questioning during the lesson. End of unit task.					
ENRICHMENT OPPORTUNITIES Helping children to remember more Creating circuits. Create torches in D&T.	SUBJECT SPECIFIC VOCABULARY light, source, dark, reflect, see, illuminate, visible reflect, mirror, light, smooth, shiny, rays, rough, scatter, reverse, beam, beneficial, dangerous, gla bright, damage, UV light, UV rating, spectrum, p retina, protect, direct, sunglasses, hat, brim, ener beam, ray, travel, straight, opaque, translucent, transparent, block, shadow, pattern, size, distant change			gh, glare, 1, pupil, energy, 1t,	CROSS-CURRICULAR LINKS Links that we can make to help children make sense of what we want them to know and be able to do. D&T – Creating torches.