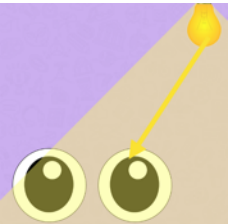
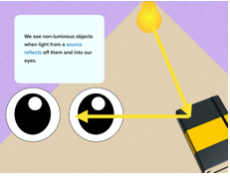
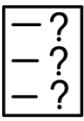




Year 3 – Autumn 2 – Science – Pupil Knowledge Organiser

WHAT DO I ALREADY KNOW?		WHAT AM I LEARNING NOW?		
- Humans have five senses: sight, hearing, taste, touch, and smell. - Each sense relates to specific body parts: eyes for sight/vision, ears for hearing, tongue for taste, skin for touch, and nose for smell.		- How does light help us see? - What is reflection? - How can we protect our eyes from the Sun's light? - How are shadows formed? - How do shadows change when the light source moves? - How might we share our findings?		
KEY KNOWLEDGE: LIGHT		KEY SKILLS: WORKING SCIENTIFICALLY	KEY VOCABULARY	
 Dark is the absence of light.  We see sources of light when their light travels to our eyes. Light travels in straight lines until it encounters a surface.  We see non-luminous objects when a light from a source reflects off them and into our eyes.		 Ask Questions  Enquiry  Observe  Record/ Present  Conclusions  Evaluation  Communicate	light source Origin of light, such as a lamp or the sun. luminous Something that makes its own light. non-luminous Something that does not make its own light. reflect When light is bounced off a non-luminous object. protection The act of keeping something safe from harm. reflex An automatic reaction that our bodies make to protect ourselves. shadow Dark area formed when an opaque object blocks light from a light source. opaque Does not allow light to pass through, blocking vision.	