

Subject: Science	Year group: Year 3	Topic: Light	Initiation & activation activities:
Prior knowledge required: <ul style="list-style-type: none"> No prior knowledge on light in KS1. 		Vocabulary:	
Programme of Study	Implementation:	Impact –lesson sequence	Evaluations and assessments
Pupils should be taught to: <ul style="list-style-type: none"> recognise that they need light in order to see things and that dark is the absence of light notice that light is reflected from surfaces recognise that light from the sun can be dangerous and that there are ways to protect their eyes recognise that shadows are formed when the light from a light source is blocked by an opaque object find patterns in the way that the size of shadows change. 	Can they recognise that they need light in order to see things? Can they recognise that dark is the absence of light? Can they notice that light is reflected from surfaces? Can they recognise that light from the sun can be dangerous and that there are ways to protect their eyes? Can they recognise that shadows are formed when the light from a light source is blocked by a solid object? Can they find patterns in the way that the size of shadows change? GD Can they explain why lights need to be bright or dimmer according to need? Can they explain the difference between transparent, translucent and opaque? Can they explain why lights need to be bright or dimmer according to need? Can they make a bulb go on and off? Can they say what happens to the electricity when more batteries are added? Can they explain why their shadow changes when the light source is moved closer or further from the object?		