	St White's Primary School – Science							
	Year 3/4		Topic: Light			Spring	· · · ·	
What should I already know?			Scientists			Technical vocabulary		
<ul> <li>Light comes from the sun</li> <li>Light comes from artificial sources such as light bulbs</li> </ul>			We are scientists. We ask questions about our world and technology and then explore and discover the answers with	Light A form of e source			energy that travels from a	
and torches - We see more shadows on sunny days		Light sou		ight source An object that make		ts own light		
			the aim of making the world a better place.	Dark	An absence of light			
Light and Dark		Light reflects		Reflect	Тс	To bounce off		
-Light sources produce -Darkness is the absence	of light	Light travels in straight lines. When light hits an object, it is reflected.		Reflectio	lection The process where ligh of an object and boun eyes			
- Light is produced du reaction taking plac Examples of light sourc	ce.	reflective	surfaces are more e light best. s due to the light	Reflective		A word to describe something which reflects light well		
lamps, fires, torche			into our eyes	Sun	A natural source of		light	
		1000		Shadow		An area of darkness where light has been blocked		
Transparency Opaque objects do not a			ows ght lines, meaning ject, it cannot go	Opaque			do not let any light	
any light though them, t blocking the light		rour		1	:	Sun is helpful and h	armful	
Transparent objects let li travel through them Translucent objects let so light through. The light scattered. A translucent object has lighter shadow than a opaque shadow	The sou is out.	closer an obj irce, the more	ot reflections. ject is to a light e light it blocks he shadow will be jer.		The sun produces UV rays. Too much light into your eye can damage you retina, damaging your sight It is a good idea to look after your eyes using sunglasses on a sunny day to stop too much UV light getting in.		an damage your r sight your eyes using stop too much	