Light

Topic Checklist / Progression Check

I know this colour green	I'm not sure colour yellow	I don't know this colour red

Subtopics and Learning Objectives	Start	End
Light on the Move		
- Compare light and sound waves		
- Describe what happens to light when it hits different surfaces		
- Describe how to demonstrate that light travels in straight lines		
Reflection		
- Describe how mirrors and rough surfaces reflect light		
- Describe how an image is formed in a mirror using a ray diagram		
Refraction		
- Recall some uses of lenses		
- Describe how light changes direction at the interface of two different substances		
- Use a model to explain how lenses work		
Cameras and Eyes		
- Recall the parts of cameras and eyes and state their functions		
- Describe some ways in which the energy transferred by light leads to chemical or electrical effects		
Colour		
- Describe how to make a spectrum		
- Explain why coloured objects appear coloured		

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