**Light: Whipple Museum**

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|  | 10-10.30 | 10.30-11 | 11-11.30 |
| Group 1 | **Tour of the museum** | **Light experiments** **Learning gallery**  | **Magic magnification****Victorian parlour** |
| Group 2  | **Tour of the museum** | **Magic magnification****Victorian parlour** | **Light experiments** **Learning gallery** |

**Tour of the museum**

Find out more about the Whipple Museum and how it helps people to find out more about the history of science. Find out how we see, how we can use the way light works to help us to see further and how people found out more about our eyes.

Key objects: eye model, telescopes, microscopes, camera obscura, camera lucida

**Light experiments**

Use torches, prisms and mirrors to find out more about how light works and how you can control it. What happens when light hits a mirror? Can you turn one pound into four pounds? How do shadows form and how do their shapes change?

Key equipment: torches, prisms, mirrors

**Magic magnification**

What do things look like when we use lenses to make them look bigger? Use our magnifying lenses, microscopes and telescopes to explore the globes gallery and think about seeing the world differently.

Key equipment: microscopes (digital and light), telescopes, magnifying lenses