**Art and Science of Light: Whipple Museum**

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|  | 10-10.30 | 10.30-11 | 11.11.30 |
| Group 1 | **Welcome and guided tour of museum** | **Create your own microscopic art – learning gallery** | **Time to explore including optical illusions and equipment in Victorian parlour** |
| Group 2  | **Welcome and guided tour of museum** | **Time to explore including optical illusions and equipment in Victorian parlour**  | **Create your own microscopic art – learning gallery** |

**Guided tour of museum**

Find out more about the Whipple Museum and how it helps people to find out more about the history of science. Explore optical scientific instruments and learn more about how they changed the way that people thought about the world around us. Find out more about the links between science and art and why so many objects in our museum are more beautiful than they need to be.

Key objects: eye model, telescopes, microscopes, camera obscura, camera lucida, models of fungi, botanical drawings

Cambridge scientist links: Dillon Weston, Darwin, Newton (briefly, we’ll need him more for colour!)

Other key scientists: Ibn Al-Haytham, Van Leuwenhoek, Hook, William and Caroline Herschel

**Create your own microscopic art**

Use the museum’s physical and digital microscopes to explore a range of samples and objects. Create your own scientific artworks by working on sketches which reflect the colours, textures and shapes which you can see.

Key objects: microscopes, sample slides

Cambridge scientist links: Fernan Federici

**Time to explore**

A chance to look round the galleries and think more about how we look at things. Find out more about Victorian optical illusions in the parlour, including stereoscopes and zoetropes.

Key objects: Stereoscopes, zoetropes, thaumatropes.

Cambridge scientist links: anyone people find in the galleries!