

## Experience Title: **The Power of Light**

**Year/ Class:** 5/6 - Oak

**Start Date:**

**2**

**Weeks**

**Main Subject focus:**

Science

**Supported by this/these subject(s):**

English

**Discrete Subjects:**

Guided Reading, Spelling, SPaG, Maths, Music, ICT, PE, PSHE.

**Rationale:**

This is an opportunity for children to learn about light and how it travels. They will draw and build upon what they have already learnt in Lower Key Stage Two. They will investigate reflection and how the eye works and what the different parts of the human eye are called. Children will also be given the opportunity to investigate shadows further and think about how they are cast.

**Hook:**

Can you describe how our eyes use light?

**Outcome:**

To investigate light and how it is used by the human eye.

**CORE VALUES:**

<b>Resilience</b>	<b>Aspiration</b>
<b>Collaboration</b>	<b>Respect</b>
<b>Honesty</b>	<b>Acceptance</b>

**How the Values will be fostered:**

- *Resilience* fostered through trial and error, problem solving, coming to scientific conclusions.
- *Aspiration* children will aspire to become experts.
- *Collaboration* - group work to share resources, investigate and draw conclusions.

**Celebrating success by:**

Delivering a presentation to their classmates to explain what they have learnt.

**Community Links/ Visits/ Visitors:**

**Parental support:**

Discussing with children what they have learnt.

**Homework Project:**

- Individual research to find out about the topic being studied.