### Science

In Science during this half term, our unit is Light. We will become critical thinkers by trying to answer the following enquiry questions:

- Which surfaces are most visible in the dark?
- How do our shadows change as the distance between a light source and an object changes?
- Which materials would be most effective for making a puppet?
- How are connected and disconnected shadows similar/different?

### Maths

#### In Maths during this half-term, our objectives will focus on Measurements including Time, Mass and Length:

We will be learning to:

- convert between different units of measure.
- measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres
- find the area of rectilinear shapes by counting squares
- estimate, compare and calculate different measures, including money in pounds and pence
- read, write and convert time between analogue and digital 12- and 24-hour clocks
- solve problems involving converting from hours to minutes, minutes

## RE

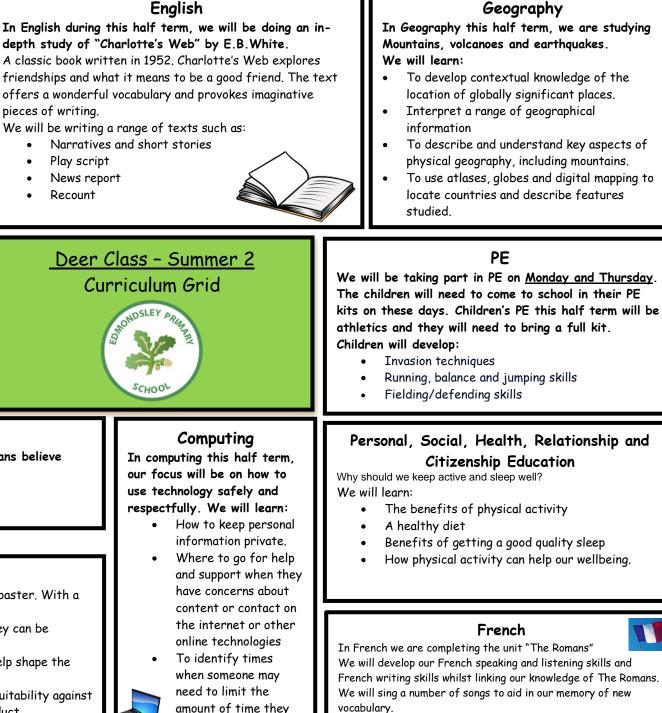
This half term in RE, our main enquiry question is: What do Christians believe about god? We will learn:

- The creation story. ٠
- God as a metaphor. •

# Art and Design

In Design, we will be designing, making and evaluating our own roller coaster. With a focus on building a 'structure'. We will learn:

- To develop and understanding of frame structures and how they can be strengthened and stiffened.
- Discover information about events in Design and Technology help shape the ٠ world
- Explore existing products and experiment with materials for suitability against ٠ the design criteria before designing and making their own product.





amount of time they use on technology.