

## Maths

- Find unknown angles in any triangle, quadrilateral or regular polygons.
- Recognise angles and calculate missing angles when: angles meet at a point; angles are on a straight line; angles are vertically opposite.
- Illustrate and name parts of circles including radius, diameter and circumference and know the diameter is twice the radius.
- Solve problems involving ratio and proportion.
- Describe and plot positions in all 4 quadrants of a coordinate grid.
- Translate and reflect simple shapes in all 4 quadrants.
- *Continue to develop compact written methods of multiplication, division, subtraction and addition.*
- *Further practise of calculations with fractions, decimals and percentages.*
- *Learning problem solving strategies to apply across all areas of maths covered.*

## English

- Descriptive writing linked to visit to Oxford Castle prison, including use of precise and effective ambitious vocabulary to create atmosphere.
- Enjoyment and writing task linked to Louis Sachar's 'Holes' - use of persuasive devices, informal letter writing, developing stages of story writing in preparation for the story of outlaw Kissin' Kate Barlow and the retelling of Mary Blandy (linked to Oxford Castle trip)
- Grammar: Revision of key grammatical and punctuation through SATs-style questions.
- Reading—Looking at and finding information from the Cruel Crime book (Horrible Histories).
- Understanding and Answering test type questions.

## Science

- Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye
- Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes
- Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.

## Design and technology

- Design a product to solve a problem. Design and make periscopes.
- Evaluate the effectiveness of products.

## Year 6 March 2018 Term 4

## RE

- Children are learning to challenge stereotyping through understanding different Muslim interpretations of Jihad and how this links to getting to Heaven.

## PHSCE

- What is crime? Who are criminals? Do we have a stereotype?
- How should criminals be treated? Is it ever alright to commit a crime?
- What do we consider right/ wrong? Does that change depending on who we are, where we live etc.?

## Computing

- **Avoid Internet crime:**
- Understand about privacy settings and how they can help me keep safe.
- Consider my own use of social media and whether I am safe on line.
- Understand that personal information can be accessed by people we do not know.
- Consider whether sources of information are reliable.

## History

- Study of crime and punishment from the Romans through to the 21st Century (including a trip to Oxford Castle):
- To understand that crime and punishment has changed over time.
- To consider the reasons for these changes.
- To find connections and trends over time.
- To be able to research crime and punishment during various stages of history.
- To present their findings effectively to the class.
- To ask questions related to the similarities and differences in crimes and punishments.

## PE

- Swimming
- Leadership skills.

