English

Power of Reading Book: Stormbreaker by Anthony Horowitz

The class will complete three pieces of written work this half term:

The children will create their own spy gadget, then write a piece of persuasive writing as an advert for their gadget. The purpose of this writing is to sell the gadget to a spy.

The children will then write their own spy story, featuring a character of their own creation.

The final "Big Write" will be a balanced argument on whether a child should do the work of an adult.

Grammar, punctuation & spelling: persuasive techniques, speech punctuation for a supporting quote, and modal verbs. Using parenthesis in different forms to add information and using commas correctly to clarify meaning and avoid ambiguity. The story will include scenes of action, dialogue, and description

Computing

Vector Graphics: recognise that images in vector drawings are created using shapes and lines, layering objects, grouping and duplicating them.

Geography

Marvellous Maps: Using the index of a map to follow grid references to a given place. Recognising symbols on Ordnance Survey maps. Using 16 compass points to give directions. Understanding six-figure grid references. Planning a route using a map. Recognising changes in areas over time.



Year 5

Autumn Term 2

Theme: Forces

PSHE: Celebrating Difference

- 1. Understanding that cultural differences sometimes cause conflict
- 2. Understanding what racism is
- 3. Understanding how rumours spreading and name-calling can be bullying behaviours
- 4. Explaining the difference between direct and indirect types of bullying
- 5. Comparing life in Britain with life in the developing world
- 6. Understanding a culture different from our own.

Art

Typography and Maps: creating our own experimental typography on a 3D map.

French: All About Ourselves

- 1. The body
- 2. What do I look like?
- 3. What are you doing?
- 4. Fashion
- 5. How are you feeling?
- 6. What's the matter?

PE: Swimming and Handball

Maths

Graphs and tables: Interpreting two-way tables and line graphs, drawing line graphs.

Multiplication and division: Examining multiples, factors, and prime numbers. Using factors, square, and cube numbers; using inverse operations to check results; multiplying and dividing whole numbers by 10, 100, and 1,000, and by multiples of these.

Area and perimeter: Measuring and calculating perimeter, calculating and comparing area, and estimating area in an irregular shape.

RE What is wisdom?

Examining how the Christian faith is the root of decisions made by Christians.

Science

Forces:

- Exploring Newton's discovery of gravity and understanding why things fall
- Examining air and water resistance through a parachute investigation
- Understanding how pulleys and levers work
- Investigating gears and their functions
- Examining friction and how it can be measured