

Mathematics:

Place Value

- Read, write, order and compare numbers to 1,000,000
- Using powers of 10
- Round whole number up to 1,000,000 to a required degree of accuracy.
- Partition numbers to 1,000,000

Addition & Subtraction

- Solve addition and subtraction with more than four digits
- Solve addition and subtraction multi step problems
- Using inverse operations for addition and subtraction
- Compare calculations

Year 5
2026-2027
Autumn 1



Science: Forces

- Explore gravity and the life and work of Isaac Newton
- Examine the connection between air resistance and parachutes
- Explore factors which affect water resistance
- Investigate the effects of friction on different surfaces
- Investigate mechanisms – levers and pulleys
- Investigate mechanisms - gears

RE: What does it mean if Christians believe god is holy and loving

- God is morally pure and hates sin

PE

- Developing team games
- Developing fine and gross motor skills

PSHE: Healthy Body

- What do food labels really tell us?
- How active am I and How can I move?
- What are the different types of physical activity and how do they affect me?
- How can I recognise complex feelings?
- How can I respond to complex and complex feelings?
- How can we tell someone we might need support with their mental health?

English

Varmint (Helen Ward)

Theme: Hope, Environmentalism

- Poem writing
- Diary entry in role
- Argument writing

MFL: French Monster Pet

- Beware the dragon!
- Body Parts in French
- A French Monster Mash-up
- About a beast with French adjectives
- Fantastic French beasts

Design and Technology: Electrical systems – Doodlers

- Electrical systems and motors
- Meet the Doodlers
- Doodle design and construction

Music: Composition notation

- Here comes the Egyptians.
- Hieroglyphic score.
- Play like an Egyptian
- Pitch pyramids
- Egyptian Farewell

Computing: Online Safety

- Online protection
- Online communication
- Online reputation
- Online bullying
- Online health

Geography: Why do oceans matter?

- How do we use our oceans?
- What is the Great Barrier Reef?
- Why are our oceans suffering?
- How littered is our marine environment? – Data collection
- How littered is our marine environment? - Findings