

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

English

Just because (Matthew McConaughey)

Theme: Embrace feelings, contradictions in life

- Character traits
- Poem writing

Varmint (Helen Ward)

Theme: Hope, Environmentalism

- Poem writing
- Diary entry in role
- Argument writing

Art: Interactive installations

- Compare features of installation art
- Investigate the effect of space and scale when creating 3D art
- Problem-solve when constructing 3D artwork
- Plan an installations that communicates an idea
- Develop ideas into a final piece of art

Art: Artist Study

- Cai Guo-Qiang
- Fernando Campana
- Humberto Campana
- Yoo, Hyun Mi
- Research and Planning
- Making Art!

Year 5: 2024-2025

Autumn 1



Music: Livin' on A Prayer

- Play notes in order, on the glockenspiels
- Appraise music and recognise patterns in a song.

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

- God is morally pure and hates sin

Computing: Online Safety

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

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

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

PSHE: Family and Relationships

- Showing respect
- Respectful Relationships
- Stereotypes & Attitudes
- Resolving Conflict
- Change and Loss

PE

- Developing team games

MFL: Pleased to meet you

- Present information about themselves
- Make sentences using simple future tense
- Follow a simple story