

Mathematics:

Multiplication and Division

- Multiply a 4-digit number by a 1-digit number
- Multiply 2, 3 and 4-digit numbers by a 2-digit number (Long Multiplication)
- Understand how to use short division with a remainder.

Fractions

- Multiply a fraction by an integer
- Understand how to find a fraction of an amount
- Use fractions as an operation.

English

Tom's Midnight Garden (Philippa Pearce)

Theme: Time's mutability, Judging intentions

- Diary entry in role
- Persuasive writing
- Script writing

Computing: Data handling: Mars Rover 1

- Understand how and why data is collected from space
- Read and calculate using binary code
- Identify the computers architecture of the Mars Rovers
- Use simple operations to calculate bit patterns
- Represent binary as text

Year 5
2024-2025
Spring 1



Art: I need space

- To explore space imagery
- Make drawing decisions
- Develop drawing ideas through printworks
- Test and develop ideas in a sketch book.
- Revisit and improve Ideas

Science: Living things and their habitats

- Understand the life process of a plant
- Understand the life cycle of a mammal
- Compare life cycles of insects and amphibians
- Understand the life cycle of birds and reptiles
- Know about the life and work of Jane Goodall and David Attenborough
- Research and present the life cycle of a creature

Geography: Why does population change?

- How is the global population changing?
- What are birth and death rates?
- Why do people migrate?
- How is climate change impacting population?
- How does population impact our environment?: Data Collection
- How does population impact our environment?: Findings

PSHE: Health and Well-Being

- What can I be?
- Taking responsibility for my health
- The impact of technology on health
- Resilience toolbox
- Good and bad habits
- Physical health concerns

MFL: Pleased to meet you

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

Music: Composing and chords

- Use djembe drums to follow a simple piece of music
- Be able to compose their own melody

PE

Gymnastics

RE: Why did Christians believe Jesus was the messiah?

- To identify the characteristics of a saviour in the bible