

Maths

Decimals and Percentage

- Convert fractions into decimals up to thousandths
- Order and compare decimals
- Convert fractions and decimals into percentages

Area and Perimeter:

- Calculate the perimeter of different polygons
- Calculate areas of different polygons

Statistics:

- Read and interpret graphs

Tom's Midnight Garden (Phillipa Pearce)

Themes: Time's mutability, Judging intentions

- Diary entry in role
- Persuasive writing
- Script writing

Street Child (Birlie Doherty)

Themes: Poverty, Kindness and Compassion

- Non-Chronological Report

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 2



Science: Change of material

- Use evaporation to recover a solute from a solution.
- Recognise and describe reversible changes.
- Observe chemical reactions and describe how we know new materials are made.
- Investigate rusting reactions
- Investigate burning reactions

Design and Technology: Electrical systems – Doodlers

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

PSHE: Health and Well-Being

- Breaking the law
- Rights and responsibility
- Pressure groups
- Parliament

MFL: Family and Friends

- Describe where we live.
- Describe who we live with

Music: Enjoying musical styles

- Practice the song 'Fresh Prince of Bel Air'

PE

Invasion Games

History: What impact did World War 2 have on the people of Britain

- Why did Britain go to war In 1939?
- Who won the Battle of Britain?
- What do sources tell us about the Blitz?
- What was evacuation like for children? (part 1)
- What was evacuation like for children? (part 2)
- What impact did World War 2 have on women's lives
- Why did people migrate to Britain during and after World War 2

RE: why is the Torah is important to the Jewish people

- To explore poems and words that are in the Torah
- Understand the significance of the poems and word to the Jewish people