

English

Core Text: Zathura (Chris van Allsburg

- Developing critical things: 'Even though siblings fight – do they still love each other?'
- Character descriptions
- Diary writing
- Inferring meaning from characters in texts
- Comprehension and prediction
- Writing narratives
- Expanded noun phrases, adverbial phrases, fronted adverbials
- Cohesions between paragraphs
- Tenses (including perfect forms)
- Cause and effect
- Using emotive language
- Explicit and implicit language
- Metaphors and Similes
- Rhetorical questions, exaggeration

Science

- Ordering the planets in the solar system
- Planning and making a model of the solar system
- Researching what it is like on other planets in the solar system
- Describing the sun, earth and moon as spherical bodies
- Describing the movement of the moon, how its shape appears to change over time
- Modelling day and night using globe
- Making sundial/shadow clock
- Investigating the changes of shadow length over time

Computing & ICT

- E-Safety
- Exploring 3D games, films and models
- Creating habitats using 3D modelling

Mathematics

- Reading, writing, ordering and comparing numbers to 1,000,000 and determining the value of each digit
- Counting forwards and backwards in steps of powers of 10 for any given number up to 1,000,000
- Interpreting negative numbers in context
- Rounding numbers to the nearest 10, 100, 1000, 10,000 and 100,000
- Reading Roman numerals to 1000
- Adding and subtracting numbers with more than 4 digits with formal written methods
- Using rounding to check answers to calculations and determining, in context of a problem, levels of accuracy
- Solving addition and subtraction multi-step problems
- Multiply and dividing numbers mentally drawing upon known facts
- Multiplying and dividing whole numbers by 10, 100 and 1000
- Identifying multiples and factors
- Square and cube numbers

P.S.H.E. & SRE

Puberty

- Staying hygienic
- Emotional changes
- What it is and why it happens
- How our bodies change
- Reproduction (Biology)

Year 5 Autumn 1

Topic: Space Explorers!

Core Text: 'Zathura' by Chris Van Allsburg

RE

Islam

- What are the key beliefs of Muslims?
- Why does prayer matter to Muslims?
- Similarities and differences between Muslim and Christian prayer
- How is charity important to Muslims?
- Why do Muslims fast?
- Why do Muslims want to go on pilgrimage
- Where do people get advice and guidance from?

Geography & History

- WW2 Blitz (Rockets)
- V2 Rocket origins
- Space Race USA vs Russia
- Time Peake biography / achievements

PE

- Indoor PE – Gymnastics
- Outdoor PE – Invasion games
- Basketball
 - Football
 - Netball
- Competitive matches

Art & D.T.

Nebula Art

- Experimental work with watercolours / pastels / acrylic paint
- Experimenting with blending, layering, mixing colours, blowing through straws and using implements other than brushes

Music

- Improvising and composing music for a purpose
- Creating music to depict fear and anger