

Maths**Number**

- Place value, negative numbers, compare, order, add/subtract, multiply by whole number.

Properties of a number

Mental strategies

Formal written method for $+/ - / \times / \div$

Literacy

Reading – Class books - Cloud Tea Monkeys, Monsters, Discuss a broad range of genres and texts. - Draw inference & make predictions. Writing – responses to different texts – instructions/persuasive/fictional - Secure spelling. - Legible, fluent handwriting. - Use organisational & presentational features. Proof-reading. - Perform own compositions. Grammar Speaking & Listening - Give well-structured

Science**Physics**

- Understand location and interaction of Sun, Earth & Moon
Finding out more about the planets
- Introduce gravity, resistance & mechanical forces.

REJudaism and Christianity

Rules for living
Light festivals and “light” in different faiths.

Year 5 “To infinity and beyond!”

In school, we are covering...

Foundation subjects:

- Geography: Identifying continents, countries in Europe and capital cities, researching Biomes and different climates and map skills.
- PSHE: Jigsaw programme – Being me in My World and Celebrating Differences Also: Rules and responsibilities; NSPCC “pants” and keeping myself safe, mental wellbeing and self regulation
- PE: Gymnastics/Dance: The Planets, Invasion games eg hockey and rugby and basketball
- D&T: Building rockets, design, aerodynamics, propulsion. (STEM challenge) Textiles and sewing
- Art and Design: Artist Study: Peter Thorpe – perspective, light and shade. Space-litter bstract

RE

Research on the internet why are rules important to different faiths.
Visit a place of worship.
Discuss how our faith differs from others and how it is similar.

Maths

- Make sure number bonds to 20, 50 and 100 are known by heart.
- Know times tables to 12x12 then division facts
- Learn time both analogue and digital to nearest 5 minutes then nearest minute
- Follow a recipe (measures)
- Mathszone ks2, Maths games on Purple Mash, anton (and any links on Google classroom)

English

- BBC Skillswise website.
- Visit the library
- take out some non-fiction books
- Read a newspaper.
- Read 'Cosmic' by Frank Cottrell Boyce together – class book.

Science

- Forces –
- Anton Science
 - bbc.co.uk/bitesize/ks2/science/
 - woodlands-junior.kent.sch.uk/revision/Science/physical.htm – the moon, day and night
 - Experiment with elastic bands, balls, wheeled vehicles what do you have to do to change shape/how they move?
- Earth and Space –
- Draw a picture showing all the planets in the correct order
 - Visit the National Space Centre, the Science Museum, the Planetarium.
 - Make a sundial/discuss how the shadows change.
 - Make and launch a rocket.

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You might like to try some of these...

Foundation subjects including Geography, PSHCE, PE, Art and Design and Technology:

PSHCE – Discuss rules and responsibilities and their effects on us.

PE – Practise throwing/catching skills. Create your own obstacle course

Health and Safety: Please support your child when using material from the internet, cooking and science experiments