

Science

Forces **How do forces affect our everyday lives?**

- To understand the effect of friction and air/water resistance.
- Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.
- Explain that objects fall towards the earth because of the force of gravity.

Earth and Space **What impact does the sun have on the planets in the solar system?**

- To describe the solar system and its planets.
- To explain the idea of the Earth's rotation, linked to day and night and the apparent movement of the Sun across the sky.
- To describe the phases of the moon.
- To research key events in the history of space exploration.

PSHE **How can I become a responsible citizen?**

- To develop strategies to get me out of 'hippo time'.
- To understand how the media influences peoples' decisions.
- To be aware people can feel pressured by the media including social media.

R.E. – Christianity **Why the Bible is important to Christians? Why is The Last Supper important to Christians?**

- To know about the Bible and why it's important to Christians.
- To know why the Last Supper is important to Christians.

**Year 5
Spring Term 2019**

Numeracy

- To independently apply written strategies to problems including addition, subtraction, multiplication and division.
- To explore fractions e.g. ordering fractions, equivalent fractions, simplifying fractions, adding and subtracting fractions.
- To recognise the percent symbol and understand that percent relates to number of parts per hundred and write percentages as a fraction with denominator 100 and as a decimal.
- To understand decimals and link them to fractions.
- To solve problems involving fractions, percentages and decimals.
- To understand the properties of 2D and 3D shapes.

Literacy (Class Text – War Horse by Michael Morpurgo)

- To give opinions about a text, justifying my ideas with evidence.
- To write a narrative including a flashback.
- To write a recount (letter).
- To write an explanation text.
- To use evidence to support my answers when reading a text.

Spelling, Punctuation and Grammar

- To use Year 5 spelling rules in my work consistently, including those relating to homophones and suffixes.
- To vary sentence structure, e.g. using relative clauses and a range of openers.
- To write in neat, legible joined handwriting.

Art/DT **How do I create atmosphere in a piece of art? Can I create a working mechanism using simple materials?**

- To use a range of materials to show atmosphere in art.
- To understand mechanisms like pulleys to create movement (e.g. Leonardo Da Vinci).

ICT **How can I use a computer program to create geometric art?**

- To use different graphics packages to create artwork, appreciating the links between geometry and art.

Why is encryption essential to online safety?

- To encrypt and decrypt simple messages and understand the need for security online.

PE **How can I use space effectively to win a game?**

Basketball

- To play competitive games and apply basic attacking/defending principles.
- To understand healthy lifestyle choices.

Kabadi

- I cooperate well with others and give helpful feedback.
- I can give and receive sensitive feedback to improve myself and others.

History/ Geography **How did World War I begin? How did geography influence alliances during World War 1?**

- To understand how WW1 affected the people of Britain, noting trends over time.
- To understand how our knowledge of the past is constructed from a range of sources.
- To locate European countries using maps (especially those involved in WW1).

Music **Can I read and play two notes?**

- To play the notes C and D clearly on the chalumeau clarinet for pieces of music that are 8 bars long and read from musical notation.
- To improvise and compose music, using a variety of instruments and technologies.

French **Can I answer and ask a range of questions in French?**

- To listen attentively to instructions and show understanding by joining in and responding.
- To learn the names of food, state likes and dislikes and understand how to order food.