

English

We will use two different fictional stimuli in our English lessons. However, we are not going to reveal the titles just yet as we want to reveal them slowly with children in their lessons. We will develop a range of reading and writing skills linked to our text including prediction, inference, using a range of sentence structures and writing for a range of purposes. We will have a particular focus on multi-clause sentences and using relative clauses. We will also study classic poetry.

Science

Our new Science topic is based on forces.

- We will learn about all Isaac Newton
- Gravity, air resistance, friction and water resistance
- Investigate levers, pulleys and gears.



RE- "Who is Jesus?"

We will be introducing a worldviews approach to RE and will be exploring the question; "Who is Jesus?" from different worldviews which includes different religions.

Music

- We will continue to participate in our fortnightly ukulele lessons.
- Charanga lessons within class.

Computing Programming

We will be introduced to a microcontroller (Crumble controller) and learn how to connect and program components (including output devices- LEDs and motors) through the application of their existing programming knowledge. We will use these skills to write and test algorithms.

Maths



Multiplication and Division:

- We will complete some recap work, multiplying and dividing by 10 and 100 and we will extend this further to include 1000. Find common factors of pairs of numbers. We will learn to recognise prime, squared and cubed numbers.

Fractions:

- We will begin this unit recapping what fractions are and equivalent fractions. We will explore improper fractions (a fraction in which the numerator is greater than the denominator, such as 5/4) converting these to mixed numbers. We will use our knowledge of fractions to compare and order. Finally, we will add and subtract fractions

History



Shang Dynasty:

- Using archeological evidence to draw conclusions.
- Learning about what life was like in the Shang Dynasty (including the social hierarchy).
- Learning about key figures linked to this civilisation.
- Exploring the famous oracle bones.
- Closely observing different artefacts linked to this time period.

PSHCE

- To understand that cultural differences sometimes cause conflict.
- Understand racism and different bullying behaviours.

Autumn 2 Year 5

PE

- Hockey: During our Hockey unit, we will practice different skills including dribbling, passing, receiving, shooting, attacking and defending. This will enable us to take part in an inter-school tournament.
- Dance: During this unit we will learn to how changing the dynamics of an action changes the appearance of the performance.

Design and Technology

In Design and Technology, we will be investigating and using pulleys and gears within products.

- We will use construction kits to explore these mechanisms
- Learn about a significant inventor
- Design and make a pulley flag which encompasses our school values.

