

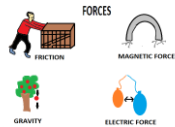
## English

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.

## 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.



## 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.

## Computing



### Video production

We will learn to explain and know what makes an effective video.

Learn to use a digital device to record and capture videos using a range of techniques.

Improve our videos through editing and reshooting and consider how to share a view.

## Music

- We will continue to participate in our fortnightly clarinet sessions.
- Learn to recognise a range of musical elements and improvise with 6 notes over a simple groove.

## 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.

## PSHCE

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

## 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.

## 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.



Autumn 2  
Year 5