

English

We will use two different fictional stimuli in our English lessons closely related to our topic 'Amazing Asia' (titles to be revealed in due course). 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.



Within guided reading, we will continue to work on our comprehension skills particularly focusing on test style questions.

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

Amazing Asia – 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.

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.

Autumn 2 Year 5

PSHCE

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

RE

This half term we will be focusing on the Christian festival, Christmas. Is the Christmas story true? We will be exploring different perspectives of the Nativity story; thinking about our own and Christians' perspectives.

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 fairground ride!

PE

- Hockey: During our Hockey unit, we will practise 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 you will learn to how changing the dynamics of an action changes the appearance of the performance.

Music

- We will continue to participate in our fortnightly cello sessions.
- Learn to sing and perform



Spanish

We will begin our Spanish learning exploring a Spanish city – how exciting! We will imagine we are in this city and learn how to ask for directions and go for a Christmas shop!

Computing

To use formulae within a spreadsheet to convert measurements of length and distance.

To use the count tool to answer hypotheses about common letters in use.

To use a spreadsheet to model a real-life problem.

To use formulae to calculate area and perimeter of shapes.

To create formulae that use text variables.