

Mathematics

We are using the White Rose Maths scheme which incorporates the Mastery skills expected to be taught as part of our current curriculum.

During this term we will be covering:

- Place value within 10,000,000
- Addition and Subtraction
- Multiplication and Division A

Alongside our daily Maths lesson, we will be focusing on Arithmetic; ensuring we have secure written and mental methods and quick recall of number facts.

This will include a short weekly test which will inform the Arithmetic focus for each week.

We will continue to practice our times tables daily and each week children will take part in the 144 Challenge where they try to answer as many table facts as they can in a given time to beat their best score.

English

We will start the academic year by looking at the basics of writing and grammar. To do this we will be using 'The Place Value of Punctuation and Grammar' which is a series of lessons created by Grammarsaurus. It looks at sentence construction and demarcation along with other 'basics'.

The second half of the term we will use what we have learnt from the PVPG course to write a Non-Chronological report on the Solar System which will link to our Science unit this term. We will be looking at the language and presentational features of a non-chronological report and applying these features to our own report.

Our class novels are 'Cosmic' by Frank Cottrell-Boyce and 'Hidden Figures' by Margot Lee Shetterly. Both also linked to our Earth and Space topic.

Spelling, Punctuation, Vocabulary And Grammar

Statutory spelling list for Year 5 and 6
Weekly spellings from Spelling Shed

We will begin the school year looking at the basics (see English)

We will be looking at:

- Common and proper nouns
- Collective/partitive nouns
- Abstract nouns
- Action verbs and verb phrases
- Subject/verb focus
- Single-clause sentences
- Co-ordinating conjunctions

We will also be learning about different tenses, commas in lists and apostrophes in separate SPAG sessions.

PSHE

Me and My relationships

- Collaborative challenge!
- Give and Take
- How good a friend are you?
- Relationship cake recipe
- Being assertive
- Our emotional needs
- Communication

RE

What does it mean if God is holy and loving?

French

Moi et mon école - schools

Eagle Owls

China

School Value - Courage

Computing

I-Program using Scratch

PE

Netball
Orienteering
Indoor Athletics

Geography

We will be studying the fascinating country of China.

During this topic we will:

- Learn where China is in the World
- Explore the human impact on China's physical geography
- Explore China's economic growth and its effect on the country
- Learn about China's famous tourist attractions
- Find out about the culture of China

Science – Earth and Space

During this topic, we will be:

- Exploring the solar system and its planets
- Understanding the heliocentric model of the solar system
- Explaining the Earth's movement in space
- Explaining the Earth's rotation and night and day
- Explaining the movement of the moon
- Designing a planet using the knowledge gained

Through our learning we will be using scientific vocabulary and working scientifically to develop a deeper understanding.

We will also be looking at a number of influential women who changed the course of American space exploration such as Dorothy Vaughan, Mary Jackson and Katherine Johnson.

Next half term, we will be visiting a planetarium during our Residential to find out even more about this exciting topic.

Music

Music Instrument Tuition
from Cumbria Music Hub

Art

Chinese Ink Wash Paintings and Chinese Dragon Art project

We will be looking at Chinese art and creating our own ink wash paintings using watercolours and special brushstrokes. We will then create our own Chinese lanterns using our bamboo/blossom designs.

After this, we will be looking at Chinese dragons. We will be creating dragon sketches and then focusing in on their eyes doing detailed drawings. From this, we will be creating clay dragon eye sculptures.

Design and Technology

We will be building a moving, crank-driven model of a flying dragon. To do this we will:

- Evaluate existing products which use similar mechanisms.
- Design and make our own model
- Evaluate the final product.

We will also be taking part in a full day STEM workshop with Lancaster University.