

Year 5 Learning Map – Autumn 1 2018 'Blast Off!'

Awesome Opener: Creating Planets
Fantastic Finale: Maya Day
Key Dates/events: Planetarium in school

As Historians, we will learn about the Maya Civilization and the diversity of society.

Skills: Produce structured work, selecting and organising historical information. Communicate ideas in a variety of ways.

Knowledge: Describe reasons for historical change.

English:

As readers, we will be developing the pleasure of reading novels by reading a wide range of fiction. We will also read non-fiction writing to develop our knowledge and to carry out research.

As writers, we will be focusing on complex sentence structure in grammar and using a comma correctly to separate clauses. We will be writing from a certain viewpoint, performing and writing poetry and creating information and newspaper reports.

'Blast Off!'
Year Group: Year 5
Term: Autumn 1
Time: 7 weeks



Wider research:

Newspapers;
Watch the news
for current
affairs; discover
Space and The
Maya

As Geographers, we will learn about different continents focusing on South and Central America in contrast to Europe.

Skills: Use maps to find Europe (including location of Russia), & South American countries and major cities. Draw maps and plans at a variety of scales, using keys to identify a variety of features. Sketch maps, plans and graphs using digital technology.

Knowledge: Name and locate the world's countries. Describe key features of South American countries and major cities. Communicate human and physical features of South America. Compare and contrast to UK.

As Linguists, we will learn to talk about and describe the weather. We will be practising asking and answering questions in French as well as giving our opinions.

As Mathematicians, we will cover the following areas:

Number and Place Value:

- Ordering and comparing numbers to 1,000,000
- Rounding numbers up to 1,000,000 to the nearest 10, 100, 1000, 10,000, 100,000
- Reading Roman Numerals to 1000

Addition and Subtraction:

- Mental addition and subtraction
- Column method to 4-digits
- Rounding to check answers
- Multi-step problems

Developing Fluency, Reasoning and Problem Solving

As Scientists, we will be learning about the **EARTH, SUN AND MOON**

Our scientific skills: We will be focusing on the length of shadows recording data and results of increasing complexity using scientific diagrams and labels

Our science knowledge: Describe the movement of the Earth, and other planets, relative to the Sun in the solar system. Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun.

Key Vocabulary: Rotate, Orbit, Earth, Sun, Moon, Constellations, Planets, day, month, year, leap year

PSHE

We will focus
on resilience
for new
beginnings.



We will also
continue to
develop our
Growth Mind
Sets!

As Artists & Designers we will take a cross-curricular approach combining our learning in Science and History with Art and DT. We will work collaboratively to create papier mache planets. We will improve our sketching skills and technique by learning how to sketch 3D spheres. This will enable us to better use pastels to draw the planets of our Solar System. We will be sketching different animals of the rainforest as well as artefacts of the Maya people.

In P.E.

Indoor: we shall be learning about gymnastics and performing our own floor routines.

Outdoors we will be learning basketball

Computing

We will learn how to communicate information securely. They will investigate early methods of communicating over distances such as semaphore and Morse code then investigate encryption, ciphers and passwords.

As Musicians, we will be following the Charanga scheme of work, which involves learning and performing songs, improvising with the songs and accompanying with instruments and percussion.

We will also be providing the children with 13 weeks of musical tuition through the Kingston Wider Opportunities scheme.