

History

A non-European society that provided contrasts with British history (Maya)

The Maya- study the Mayan way of life focussing on how they were the first astronomers, what did they find out about the planets? We will learn about what it was like to live in Mayan times and compare to living in Space - "Could we live anywhere else?". Learn about the Mayan numeral/alphabetical system and how they recorded their findings about space. Compare the Maya & Vikings, repeating historical enquiry skills to learn about the Maya.

Historical enquiry:

- I can test a hypothesis to answer a question
- I can appreciate how historical artefacts have helped us to understand more about the lives of present and past.

Knowledge & Interpretation:

- I can describe historical events from different time periods.
- I can draw timelines with different time periods
- I can make comparisons between historical periods. (Compare the Vikings & Maya as they were around the same time).

Science: Earth & space

Learn about Space and investigate the effect of Space on the human body.

Research into Space Exploration. Use this to apply to the big question "Could we live anywhere else?" about living in space and other planets. We will use STEM skills and lego robo construction, building on science investigation skills covered last term. In history, we will look at how the Maya used astronomy.

- I can identify the movement of the earth and other planets in relative to the sun in the solar system.
- I can explain the seasons and how associated weather is created.
- I can describe and explain the movement of the Moon relative to the Earth?
- I can describe the Sun, Moon & Earth as spherical bodies.
- I can use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun against the sky.
- I can compare the different time of day across the world.
- I can have the ability to understand how ancient civilisations used the sun to create astronomical clocks (Stonehenge).
- I can research scientists: Ptolemy, Alhazen & Copernicus.

Oak National Academy - Space Unit to be used alongside lessons as well as on Google Classroom for Friday / Homework sessions.

Year 5 Could we live anywhere else? Spring 1

English

Key texts:

The Ice Bear (Jackie Morris)
Cosmic (Frank Cottrell-Boyce)

Guided Reading:

Non-fiction: Melting ice caps/Polar Bear facts
Cosmic (Frank Cottrell-Boyce)

Geography

Physical

Using land use maps of where the Maya civilisation was based, discuss whether we could live there.

- I can plan a journey to another part of the world, taking into account time & distance.
- I can map land use
- I can locate the Canada and the USA on a World map and atlases
- I can locate the names and main countries in South America a World map and atlases
- I can work out an accurate itinerary detailing a journey to another part of the world.
- I can explain what a place might be like in the future, taking account of issues impacting of human features.

Oak National Academy - Building Locational Knowledge: South America Unit used within lessons as well as in Google Classroom weekly Friday / homework sessions.

Mathematics

Place Value
Measurement
Addition & Subtraction
Statistics

For objectives, please see maths Medium Term Plan

Oak National Academy - Problem Solving with addition and subtraction Unit added to Google Classroom for weekly Friday afternoon / homework session.

Art / Design

Design, historical purpose, 3D modeling, painting shades for contours

Create a Mayan mask

I experiment with and combine materials and processes of design and make 3D form.
I can sculpt moldable materials
I can use ceramic mosaic effect to produce a piece of art.
I can combine visual and tactile qualities to express mood and emotion

PE

Swimming (coach)

PSHE

Consequences of Crime

Compare and contrast laws and justice system of Maya, Vikings, U.K.

- Consequences of crime
- Laws and rules
- Voting and debating
- Improving my local community 1
- Improving my local community 2

Oak National Academy - Money Matters Unit used within lessons as well as in Google Classroom weekly Friday / homework sessions.

MFL

Unit 8: Qu'est-ce que tu veux?

- I can understand short passages of familiar language.
- I can understand instructions, messages & dialogues within a short passage.
- I can identify the main points of a message & give a personal response on a passage.

Computing Data Hardware Processing

Mars Rover - look at data / images that it has sent back. .

- I can write programs that have sequences and repetitions
- I can check and refine a series of instructions.
- I can detect errors in a program and correct them.
- I can search databases for information using < or > or =
- I can create databases planning the fields, rows and columns.
- I can create graphs and tables to be copied and posted into different documents.
- I can collect, analyse, evaluate and present data and information in a variety of appropriate forms.

Year 5 Could we live anywhere else? Spring 1

Music Appraising and performing, composing

Appreciate the work of great composers (The Planets - Gustav Holst) whilst using the music to consider what it would be like to live in Space. Begin to understand how music is structured and written in standard notation to perform.

- I can describe, compare and evaluate music using music vocabulary
- I can contrast the work of famous composers, expressing my preferences
- I can compose music that meets a specific criteria
- I can maintain my part, whilst others are performing their part
- I can use standard notation to record
- I can use notation in a performance
- I can explain why music is successful or unsuccessful,
- I can suggest improvements to my own or others work,
- I can choose the most appropriate tempo for a piece of music
- I can change sounds or organise it differently to change the effect

Design & Technology

Make and evaluate

Maya masks had different functions and uses. What would it be like to live in a society with masks being valued so highly.

- I can evaluate the appearance against a criteria
- I am motivated enough to refine and further improve my product using moldable materials

R.E.

What to Christians believe about God?

How does the Christian faith impact on where people live?

- I can discuss what people Christians believe about God.
- I can find out about the Bible and its significance to Christians.
- I can demonstrate an understanding of the importance of the Bible, its impact on worship, values and daily living.