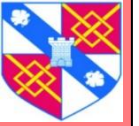




Year 5 Curriculum Map – Term 1

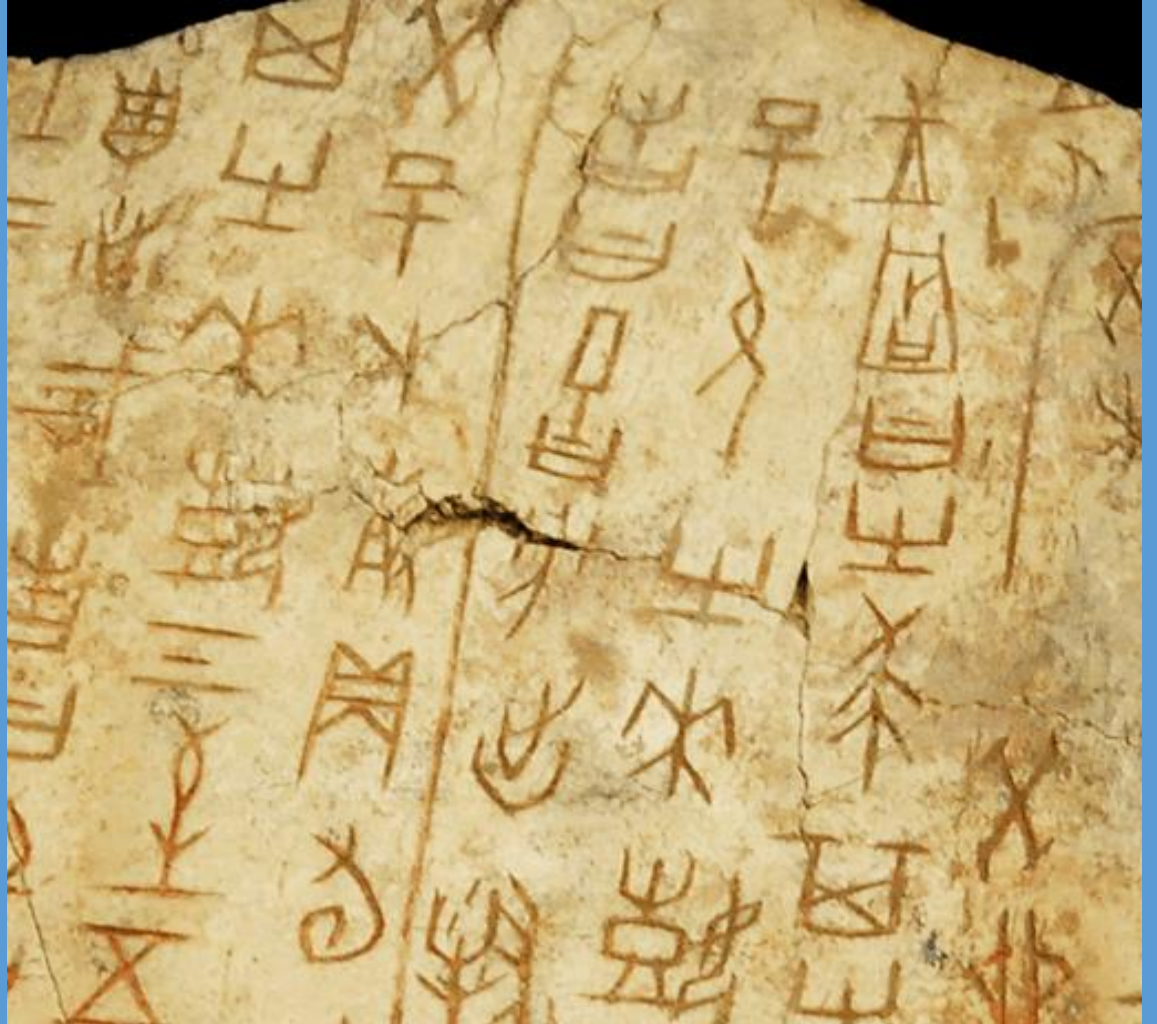


Dynamic Dynasty

This project teaches children about the history of ancient China, focusing primarily on the Shang Dynasty, and explores the lasting legacy of the first five Chinese dynasties, some of which can still be seen in the world today.

Experiences:

- Visiting the Space station
- A visit from Rev Sue
- Performing a Ukulele



English

This term we will be writing:

- **Non chronological reports**
- **Narratives based on stories from other cultures.**
- **Narrative poems**
- **Biographies**
- **Newspaper reports**

Reading

This term we will be exploring a range of genres including poetry, non-chronological reports, stories from other cultures, picture stories, stories based on dilemmas, classical texts, and web pages.

We will be practising our retrieval, inference, vocabulary, and prediction skills.

Maths

This term we will be covering the following topics:

Place value

- Place value up to 1,000,000
- Roma numerals
- Powers of 10
- Number lines
- Comparing and ordering numbers to 1, 000, 000
- Rounding to 1,000,000

Addition and subtraction

- Mental strategies
- Adding and subtracting
- Rounding
- Inverse and multi-step problems
- Finding missing numbers

Multiplication and division

- Multiplies
- Common multiplies.
- Factors
- Prime numbers, square numbers
- Cube numbers
- Dividing and multiply 10,100,1000

Fractions

- Equivalent fractions to a unit fraction
- Recognise equivalent fractions.
- Convert improper fractions to mixed numbers.
- Compare fractions less than 1 Order fraction less than 1
- Add fractions within 1
- Subtract fractions.

History

This project teaches children about the history of ancient China, focusing primarily on the Shang Dynasty, and explores the lasting legacy of the first five Chinese dynasties, some of which can still be seen in the world today.

Science

Forces and Mechanisms

This project teaches children about the forces of gravity, air resistance, water resistance and friction, with children exploring their effects. They learn about mechanisms, their uses and how they allow a smaller effort to have a greater effect.

Earth and space

This project teaches children about our Solar System and its spherical celestial bodies. They describe the movements of the Earth and the other planets relative to the Sun, the Moon relative to Earth, and the Earth's rotation to explain day and night.

Design and Technology

This project teaches children about pneumatic systems. They experiment with pneumatics before designing, making and evaluating a pneumatic machine that performs a useful function.

Geography

This essential skills and knowledge project teaches children about locating map features using a range of methods. They learn about the Prime Meridian, Greenwich Mean Time (GMT), and worldwide time zones and study interconnected climate zones, vegetation belts and biome

Art and Design

Tints, tones, and Shades

This project teaches children about colour theory by studying the colour wheel and exploring mixing tints, shades, and tones. They learn about significant landscape artworks and features of landscapes before using this knowledge to create landscape paintings.

Taotie

This project teaches children about the significance and art of the taotie motif, including ancient and contemporary casting methods.

RE

Sikhism: How far would a Sikh go for his/her religion?

At the end of the unit, the children can identify the meaning of the 5 K's, and the approach to marriage and explore the Golden Temple. They will be able to explain why these are important to Sikhs.

Christianity : **Is the Christmas Story true?**

The children will understand that while the Birth stories of Jesus have different emphases they do not disagree with each other and agree on all main points.

PSHE

Children should know the harmful effects of drugs, alcohol, substance abuse and smoking. They should be able to use strategies for managing strong emotions surrounding loss and grief and understand the cycle of life and death. As well as this, they should understand the physical and emotional changes during puberty. They should know the mental and physical benefits of being healthy and how to maintain physical and mental health, and emotional wellbeing. They should also know the concepts of basic first aid.

French

The **'On Holiday'** unit describes where pupils are going on holiday, where they're staying and how long they're staying.

For **'Eating Out'** children will learn how to order food and drinks in cafés and restaurants, as well as how to ask for a table.

Music

In our first unit, we will be listening and appraising focusing on the song Living on a Prayer by Bon Jovi and other songs on the same theme.

In our second unit we will learn how to play a Ukelele and perform the different tunes they have learnt.

Computing

Children will begin to know how to simplify code for efficiency. They will be able to understand and use decomposition and abstraction to remove superfluous details and make a plan. They will also understand and use a function for efficiency. They will also know different types of variables and set and change these, including text variables. They will also know the functions of and use strings and concatenation. Using databases, they will be able to: search for information in different ways, including how to phrase questions; add information to a shared database; create a database; create records; use fields and add information.