** Dynamic Dynasties**

**Autumn Term 2023**

**Science: LTC How do levers help us?**

**Context: Levers:**  Plan experiments that use enquiry, take a range of measurements, report findings, test results, make predictions and use conclusions, support ideas and refute arguments, set up fair tests and make predictions

**Knowledge and key vocabulary:**

**effort, force, fulcrum, lever, load, newton**

* An observation involves looking closely at objects, materials and living things.
* A method is a set of clear instructions for how to carry out a scientific investigation. A prediction is a statement about what might happen in an investigation based on some prior knowledge or understanding
* A conclusion is an explanation of what has been discovered using evidence collected.
* Use relevant scientific vocabulary to report on their findings,
* describe and demonstrate how simple levers, gears and pulleys assist the movement of object
* I can recognise that some mechanisms, including levers, pulleys and gears allow a smaller force to have a greater effect

**Earth and Space**

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

**Year 5**

**Brief outline of Learning Journey:**

**A history based learning journey that will explore many aspects of ancient civilisations and will focus on Ancient China and their dynasties.**

**English**

**Key Texts-** The Seven Chinese brothers, Other traditional Chinese tales,

 ‘Podkin One Ear’ By Kieran Larwood

**Reading-** we will be exploring traditional tales and non-fiction. Taking part in the reading challenge.

**Writing-** Children will be learning to write narrative poems, write traditional tales

**Sentence Focus-** use a variety of sentence starters such as ‘ed’ sentences and noun, which, where who sentences

**Maths**

**Main focus- place value, addition and subtraction**

**KIRFs- recall number bonds up to 10 with decimals**

The children will also be

* Rounding number up to 1000
* Ordering, reading and comparing numbers up to 1 million
* Negative and positive numbers
* Roman numerals up to 1000
* Adding and subtracting numbers up to four digits with and without exchange
* Round estimate and approximate numbers
* Multi step addition and subtraction

**Main subject for topic- History**

**Context-** Ancient China

**Skills developed**- order dates chronologically, make comparisons to modern day everyday life.

**Knowledge -** learn about an ancient civilisation and some of their achievements. Discover the art, culture and heritage of different dynasties and their influence on people.

**PE**

**Mondays-** Coaches– Invasion Games

**Fridays** – Real P.E – Learning focus – Social

Gymnastics

**Music: SING UP – Sea Shanties**

This unit is about how Sea Shanties were used to inspire sailors while they were out at sea or help them keep in time with the pulling objects on the boat such as the anchor or sails. The unit will cover singing, rhythms and musical accompaniment. They will sing what shall we do with a drunken sailor and other famous sea shanties.

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**Computing**

Researching using internet browsers, Making a video/podcast. Scratch, Algorithms and debugging

**Dynamic Dynasties**

**Geography.**

**Context: Asia**

**Skills:** Analyse maps, atlases and globes, including digital mapping, to locate countries and describe features studied. Reading Grid References

Reading different time zones

**Knowledge:** Various areas have geographical features as natural barriers such as rivers, mountains, and deserts.

**History**

**Key Vocabulary**- civilisation, history, dynasty, emperor, ruler, culture, deity, agriculture, tomb, sacrifice, Terracotta Army, shaman, pictograph, Shangdi, Shang, taotie, Silk Road, Qin, Xia, Yangtze, Zhou, Yellow River, zeng, Yinxu, Han, Great Wall of China, li, oracle bones, patina, legalism

**Skills:** Learn about the achievements of the earliest civilizations – an overview of where and when the first civilizations appeared and a depth study of one of the following: The Shang Dynasty of Ancient China.

Create an in-depth study of the characteristics and importance of a past or ancient civilisation or society (people, culture, art, politics, hierarchy)

Articulate and organise important information and detailed historical accounts using topic related vocabulary

Describe the significance, impact and legacy of power in ancient civilisations.

Use a range of historical sources or artefacts to build a picture of a historical event or person

Explore and explain how the religious, political, scientific or personal beliefs of a significant individual caused them to behave in a particular way

**Art and Design**

**Context 1**: Asian Artwork and landscapes

**Skills developed:**  Mix and use tints and shades of colours using a range of different materials, including paint

Knowledge: using preliminary sketches to inspire a final piece of artwork.

* Improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials
* Imaginative and fantasy landscapes are artworks that usually have traditional features of landscapes, such as plants, physical and human features, but they have been created from the artist's imagination and do not exist in the real world.

**RE-** In RE, the children will be discovering more about Ramadan and discovering more about the Muslim faith. They will investigate the religious holidays that are celebrated and the importance of fasting. Eid is a time of family and self-control.

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**French**

**1st half term-** As tu un animal?- learn to talk about our pets in French.

**2nd half term-** Au Salon du thé- talk about a wide range of foods and how to order them.

**Jigsaw- Lifeskills**

Autumn 1: Being me in my World

Autumn 2: Celebrating Difference

**Local links and Exciting experiences**

Trip –Winchester Science Museum (Autumn 2)

**Homework:**

**Reading**: Please fill in your reading diaries at least 3x weekly

**Target:** There will be an English and Maths Task on weekly basis

**Spelling:** Learn your weekly spellings for the test on Thursday

**Project/Task:** This is usually a selection of activities that will complement the work that is learnt during the topic.