Experiences

A scientist will deliver a virtual session which will be an exciting opportunity to learn about Earth and Space.

Date to be confirmed.

Horton Park Primary
We Learn to Succeed

Year 5

Autumn 2

Class Staff Mrs Mahmood & Miss Bahadur

Creative Home Learning (Project)

- Create your own Solar system
- Research and design a Bronze objects from the Shang Dynasties.
- Create a mechanical system for a product of your choice

Creative Curriculum – Dynamic Dynasties

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. They will explore a timeline and look at evidence found in the ancient city of Yin. They will study oracle bones, learn about religious beliefs and explore bronze artefacts. They will study the hierarchy of the Shang Dynasty and look at warfare and find out how bronze technology gave the Shang Dynasty an advantage over their enemies. To end the project, your child will find out how ancient China's lasting legacy can be seen in the world today.

Our Investors in Pupil's Class Targets

5A – To build on our team and pair working skills.

5B – To ensure we complete homework on time.

Maths

This half term we will be: Learning about inverse operations to check answers to calculations. We will also be learning to identifying multiples and factors and to multiply 2 digits by 3 digits numbers using formal written layout. We will also practice multiplying and dividing whole numbers and those involving decimals by 10, 100 and 1,000.

You could help your child at home by:

- Times tables practice 12 X 12

English

This half term we will be: Exploring the text of 'Bronze and Sunflower'
Learning how to write descriptive settings and a diary entry
Learning and improving our use of expanded noun phrases.
Using conjunctions, clauses and adverbs to improve sentences.

You could help your child at home by:

-Reading daily for 30 minutes and practising spellings which are in the year3/4 spelling list.
-Beginning to look at the Year 5 and 6 spelling list to familiarise your child with words that they aren't familiar with.

Maestro companion project 1 - Geography

This half term we will be:

- Understanding key aspects of human geography.
- Describing the physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle.
- Identifying the significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day

Maestro companion project 2 - Science

This half term we will:

-Planning different types of scientific enquiries and use test
results to make predictions.
-Record data and results using scientific
diagrams, tables and graphs.
-Describe the movement of the Earth, and other planets, relative to the Sun in the solar system.
-Describe the movement of the Moon relative to the Earth.
- Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.
-Describe the Sun, Earth and Moon as approximately spherical bodies.

Maestro companion project 3 – Art

This half term we will:

- Describing how different artists and cultures have used a range of visual elements in their work.
- Understanding the technique and design of taotie motifs and other bronze objects.
- Using paper to explore traditional crafting techniques. Such as casting, decoupage, collage, marbling, origami and paper making
- Developing ideas through a range of preliminary sketches or models.

Maestro companion project 4– Design Technology

This half term we will be learning about:

- Understanding how to strengthen, stiffen and reinforce more complex structures.
- Investigating and analysing a range of existing products
- Using a wide range of tools and equipment to perform practical tasks (such as cutting, shaping, joining and finishing), accurately
- Applying mechanical systems in their products (for example. Gears, pulleys, cams, levers and linkages).

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