

## Year 5 Parent Overview

This term our theme is 'The Earth and Beyond.' We will be looking at the importance of space and how the discoveries have impacted our lives today.

As **historians**, we will be investigating the ancient Benin Kingdom. We will be spending time learning about what life was like in Benin in relation to jobs, houses, trade and worship. We will learn about the characteristic features of Benin and why Britain invaded them.

As **artists**, we will be studying the work of Peter Thorpe and recreating his famous space art pieces.

We will be experimenting mixing with other mediums such as sand to create texture using oil pastels.

As **geographers**, we will be learning about longitude and latitude and linking this to map skills. We will understand key aspects of human geography and create maps of the UK. We will use 4 figure grid references to locate a variety of continents and cities around the world.

### The Earth and Beyond



In **RE**, we will be studying Judaism and learning about Pesach. They will be able to retell the Passover story, identify the meaning of symbols and understand why taking part in the Seder is so important to the Jewish people.

As **scientists**, we will be looking at the Earth and beyond. We will describe the shapes, positions and movement of the planets in the solar system and the effect of the Earth's rotation in space. We will be able to explain how the Earth's tilt leads to seasonal changes, identify the phases of the Moon and explain why these occur.

As **design technologists** we will be creating an alarm system for our site manager. We will take inspiration in design throughout history and use research to discuss a range of relevant products that respond to changes in the environment using a computer-controlled programme.

In **PE** we will swimming at Arnos pool every Wednesday morning and by the end of the ten weeks, our aim is to be able to swim the entire length of the swimming pool.

In our daily **Maths** lessons, we will be focussing on:

- Extending mental methods for whole-number calculations, for example to multiply a two-digit by a one-digit number (e.g.  $12 \times 9$ ), to multiply by 25 (e.g.  $16 \times 25$ ), to subtract one near-multiple of 1000 from another (e.g.  $6070 - 4097$ )

Securing number facts, understanding shape, relationships and calculating:

- Use knowledge of rounding, place value, number facts and inverse operations to estimate and check calculations
- Use efficient written methods to add and subtract whole numbers and decimals with up to two places
- Identify prime numbers

Handling data and measures:

- Find and interpret the mode of a set of data and statistics.

Calculating, measuring and understanding shape:

- Estimating capacity and volume
- Converting between different units of measurement
- Know that angles are measured in degrees.
- Draw given angles and measure them in degrees.

In **PSHE**, we will be focussing on the zones of regulation. Here we will be learning about our emotions and thinking of strategies to keep ourselves regulated.

Alongside this we will learn to recognise which situations are risky, explore and share their views about decision making when faced with a risky situation and suggest what someone should do when faced with a risky situation.

This term you can help your child at home by -

- Researching and locating information about Benin and space from a range of sources.
- Allowing children to use 'Swiggle' to search for relevant information on the internet whilst being aware of e-safety.
- Continuing to learn your times table to x12 and the related division facts -rapid recall
- Linking Maths concepts to everyday life by solving problems using the four operations (e.g.  $+$ ,  $-$ ,  $\times$ ,  $\div$ .)
- Using volume and capacity in daily life. E.g. writing recipes and measuring ingredients for cooking.
- Encouraging your child to tell the time using both digital and analogue clocks.
- Reading independently at home and updating your personal reading record.
- Please continue to hand in your weekly homework set on google classroom.

In our daily **English** lessons, we will be focussing on becoming masters of our curriculum by:

We will learn the features of a range of writing skills:

- Write a story based on a film 'The Piano'
- Stories from other cultures
- Discussion texts
- Performance poems
- Midsummer Night's Dream

Each morning, we will continue with our guided reading sessions and focus on our reading key skills:

- Prediction, inference, clarifying, questioning, summarising and evaluating

In **Computing**, we will be using SketchUp to create a virtual space. Pupils will explore existing art galleries online. They will identify common features and characteristics, and/or aspects that they like. They will then begin to plan their own art gallery space.

As **musicians**, we will be learning Bon Jovi's 'Livin' on a Prayer' using Charanga. The material presents an integrated approach to music where games, elements of music (pulse, rhythm, pitch etc), singing and playing instruments are all linked. As well as learning to sing, play, improvise and compose with this song, children will listen and appraise other rock ballads.