

**YEAR GROUP: YEARS 5 and 6**

**DATE: SUMMER 2015**

**TIME ALLOCATION: 1 TERM**

**TEACHERS: Mrs Rushton, Mrs Capstick and Mr Reid**

### Literacy:

As communicators we will be persuading people to travel in our travel brochures. We will be explaining the solar system and the movement of the sun, moon and earth.

To bring homeland war stories to life we will empathise with the characters in our power of reading books, Eva and 'Friend or Foe'. We will look at a futuristic character in John Blake's Space Rock and Five-a-side.

We will add to our Power of Reading several picture books, with a World War 2 theme, including Rose Blanche. This will enhance our writing skills through picture illustration and discussion.

**Maths:** As mathematicians we will look at time differences around the world. We will be exploring distances between places and converting units of measure. We will also be looking at the proportions of the planets, creating models with the correct ratio.

We will be asking questions, recording, presenting and analysing the data from these questions. We will use conversion graphs for the American Dollar and English Pound.

**Science:** AS scientist we will be learning about the movement of the earth, moon and sun in relation to each other. We will use this to explain how we get day and night and we will be investigating the solar system and scientist who have studied it. We will find out and be able to explain why we have different seasons and why they are different around the world.

**Computing:** Using ICT we will look at being cryptographers. We will learn more about communicating information securely through an introduction to cryptographers. We will investigate early methods of communicating over distances, learn about two early ciphers, and consider what makes a secure passwords.

We will work together to create a website explaining e-safety and responsible online behaviour.

### Communication

As effective communicators, we will be persuading people to visit places of interest by creating our own travel brochures. We will also send this information to our Welsh link school to promote the area. Using text and images, we will aim to write an explanation text on the solar system, and will be able to explain the different seasons.

Year 6 will communicate their findings from Jodrell Bank to the Year 5 children, through the production of PowerPoints.

### Enterprise

As entrepreneurs we will look at war time food and rationing and apply this to the modern day to produce healthy, cost effective snacks that can be sold at a healthy eating tuck shop. The children will cost the ingredients, look at realistic profit margins and the profits made can be used to subsidise the Year 6 treat day and the Year 5 residential.

### My Place in the World

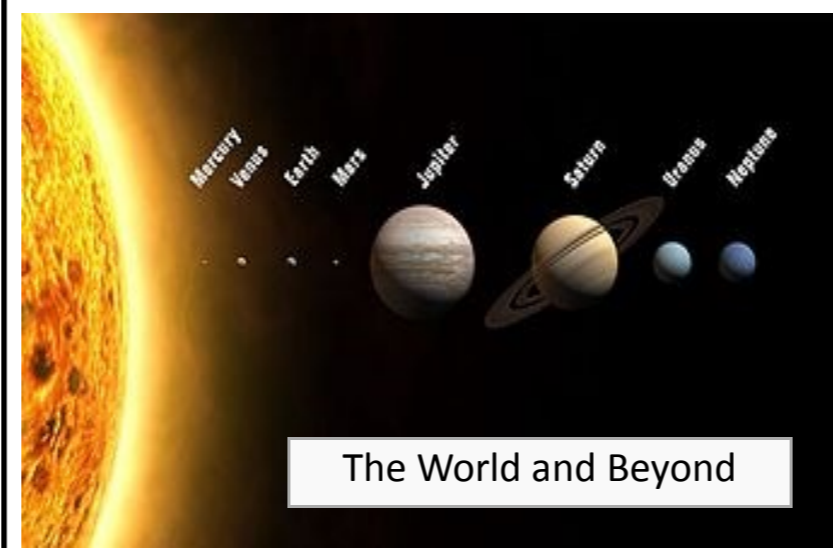
To develop our understanding of our place in the universe we will study the solar system. Year 6 will visit Jodrell Bank and experience the inflatable planetarium, where they will explore the current night sky, view the seasonal constellations, explore the visible planets and observe the moon.

### Creativity

To explore our creativity we will develop our knowledge of WW2 artists and use this as a stimulus for our own collage and painting work.

We will use 'The Planets' by Holst to inspire our own musical compositions and dances.

We will design posters to advertise our healthy snacks and create snacks to sell at our healthy eating tuck shop.



### WHY?

The children will broaden their horizons of the wider physical world. They will also undertake an in depth local study of the impact of WW2 in this area. It will contrast the importance of belonging to a local community to a swiftly developing world. Children will also gain a greater understanding of the solar system and its importance on their lives.

At the end of this project, the children will have a WW2 themed day.

### PSHE

Through the healthy eating tuck shop initiative we will develop our understanding of healthy lifestyles and the benefits of eating healthy snacks. We will build upon this in Physical Education, where we will look closely at how our body functions before, during and after exercise and how we can maintain a healthy and active lifestyle. Year 5 will receive a growing and changing lesson from Donna Moore (school nurse) and year 6 will be taught about puberty and the effects on their bodies. Year 6 will also take part in The Junior Citizenship scheme.

**Religious Education:** We will explore faith and how faith impacts on their daily life and whether through tragedy, it tests their faith. We will express feelings about the natural world, such as awe, wonder and a sense of mystery. We will develop an understanding of, and respect, the diversity of cultural and religious beliefs.

**Geography:** As geographers we will be exploring time zones and how the world is split up for mapping purposes. We will be improving our knowledge of locations around the world, using North America as a stimulus. We will discover what it is like to live in a different climate, comparing and contrasting exports of St Lucia to our own industry.

**History:** As Historians we will discover how Barrow was effected by WW2, looking in detail at the shipyard and the implication of air raids on the rest of the town, especially our own central area of Hindpool. We will then move onto gaining a greater understanding of how the shipyard contributed to the naval forces during WW2 and its effects on the wider world.

**Art and Design:** As artists we will develop their increasing awareness of different kinds of art through studying several WW2 artists, including Evelyn Dunbar (Women on the home front), Kurt Schwitters (collage work) and other artists who specialise in water colours and oil paintings. To improve their mastery of art and design techniques, they will produce silhouette pictures of Barrow Skyline during the War years.

**Design Technology:** As designers we will look at a range of healthy snacks available in the supermarkets. We will evaluate the impact of their names and packaging in persuading people to buy. Using the internet we will research healthy snack recipes, which we will adapt to make a range of snacks to sell in a healthy eating tuck shop.

**Music:** As Musicians we will compose soundscraper about space, create repeated patterns (ostinati) and use staff notation. We will listen to Planets by Holst (Mars- BBC Ten Pieces). We will use pulse, rhythm and pitch games to perform a rap. We will learn a range of songs from WW2.

**Physical Education** Using 'The Planets' by Holst, as a stimulus, children will create their own dance. We will learn about sports from around the globe, focussing on baseball in our striking and fielding games, looking at how this is similar to the game of rounders. In our athletics unit we will look at how certain countries dominate in world wide athletic events and look at techniques used.

**Foreign Languages:** We will learn about travel to a francophone location. We will learn the French names of the continents. Using atlases and globes we will locate the Caribbean islands, focussing on St Lucia and key places within this country. We will pack a suitcase for a tropical destination and plan a travel itinerary. We will use coordinates to locate places and features on the map and revise directions. We will learn about tropical climates and extreme weather faces in these countries.