

Useful Websites

<http://www.planetsforkids.org>

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Year 5 and 6 Autumn Term Incredible Journeys: Overview Subject Focus – Science, Geography, History Focus Core Skill – Learning with others

Using our locality

Planning and carrying out our own expedition from Beer along the coastpath.

Science: The children will be researching space exploration with a focus on the planets of the solar system and their relationship with the sun. They will also be focusing on the force of gravity, carrying out fair tests. Also, the children will identify the best way to insulate an object linking to polar exploration and will explore the incredible journeys of animals as they migrate across the globe.

GEOGRAPHY/ HISTORY:

The children will be using maps, atlases and globes to identify key regions of the earth (including continents, countries and oceans). They will develop map reading skills using O.S maps in planning their own expedition. They will learn about famous explorers from across History and identify how their pioneering spirit has opened up our world.

COMPUTING: The children will be using computers to collect, analyse and present information in a variety of ways. They will also be learning how to use the computer safely and begin a school link project using Twitter.

MATHS: In Maths, the children will be continuing to build upon their knowledge of place value; reading, writing and ordering numbers and using this knowledge to improve mental calculation strategies. They will also work towards securing efficient written methods for solving the four operations. They will apply their knowledge to problem solving in a range of different contexts including fractions, decimals and measures. They will also work towards ensuring rapid recall of all their times tables

Links to Core Values:

Courage: discussing the character of people stepping into the unknown.

Endurance: understanding that challenges need to be faced and overcome.

Humility: learning to take pride in your achievements but also reflecting on the success of others.

Key Learning Outcome:
The children will carry out their own 'Incredible Journey' with an overnight camp.

RELIGIOUS EDUCATION:

Our main focus in RE this half term will be the gospels. The children will look at stories from the gospels. They will compare their ideas with the ways in which Christians interpret the bible. They will also relate Biblical teachings and ideas to their own lives and issues in the world and ask the question – What would Jesus do?

PSHE: The children will discuss and explore issues surrounding migration and immigration. They will identify what push/pull factors motivate people to go on 'incredible journeys'. We will discuss how it would feel to be carrying out a journey under those conditions.

PE: This term, the children will be improving their tactical awareness and knowledge of attack and defence strategies in Invasion games. They will also be creating a dance in response to Holst's 'The Planets' suite, including Moon walking and alien movements.

DESIGN TECHNOLOGY: Children will be designing and testing rockets powered in different ways. They will also be planning for an expedition:- designing an appropriate menu for sustaining a challenging journey.

ART: The children will be using their sketch books to develop pencil drawing skills. This will include observational drawing and focus on use of shading to create contrast and depth. Later in the term, the children will be painting landscapes linked to our journey topic.

MUSIC: The children will be listening to The Planets Suite by Holst. They will learn about the different instruments in the orchestra and learn how tempo, dynamics, timbre and pitch are all used to create effects.

Literacy Links:

Narrative – Stories focusing on journeys and adventure influenced by 'The Girl of Ink and Stars'.

Biography – Children will be writing biographies of famous explorers.

Reports – the children will carry out research of an historical 'incredible journey' and create a chronological report of the event.