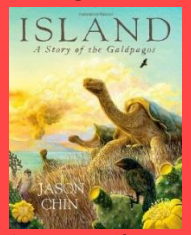
Newchurch Community Primary School - Share in our learning…Year 6 Spring A

English:

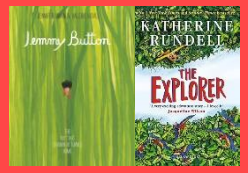
Reading:

Island: a story of Galapagos – Jason Chin



Charles Darwin first visited the Galápagos Islands almost 200 years ago, only to discover a land filled with plants and animals that could not be found anywhere else on earth. How did they come to inhabit the island? How long will they remain?

Jemmy Button – Jennifer Uman



Linked to their scientific studies, Year Six will be looking further into mankind's relationship with the planet, the indigenous people and the species which share it with us. They will look at two narratives which address the key issues which Darwin also identified.

Writing: Journalistic Report

We will be using our class texts to focus on the following targets in our grammar and writing:

- Use passive verbs
- Variety of verb forms used correctly and consistently including the progressive and the present perfect
- forms
- Use a wide range of devices to build cohesion
- Use organisational and presentational devices to structure text
- Use colons to mark boundaries between independent clauses

Mathematics:

Along with our arithmetic and calculation skills we will be looking at the following areas of the curriculum:

Year Six		Spring One
Week	Unit	Expectations
1	Four operations	Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why Solve problems involving addition, subtraction, multiplication and division Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy. Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication Multiply mixed and negative numbers
2	Fractions and decimals	Identify the value of each digit in numbers given to three decimal places Multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places Multiply one-digit numbers with up to two decimal places by whole numbers Use written division methods in cases where the answer has up to two decimal places
3	Fractions and decimals	Use division with decimal answers Round answers to specified degrees of accuracy Convert between fractions, decimals, percentages Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.
4	Ratio and Proportion	Solve problems involving the relative sizes of two quantities where the missing values can be found by using integer multiplication and division facts Solve problems involving the calculation of percentages, (for example, of measures) such as 20% of 440 and the use of percentages for comparison Solve problems involving similar shapes where the scale factor is known or can be found Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.
5	Measurement	Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places within real contexts Convert between miles and kilometres in real contexts Use four operations with mass, length, time, money and other measures, including with decimal quantities
6	Position and Direction	Describe positions on the full coordinate grid (all 4 quadrants) Draw and translate simple shapes on the coordinate plane, and reflect them in all quadrants

Science:

Our scientific studies will focus on **Evolution**. We will look at cross-curricular links with our English unit of work and build our understanding of complex ideas such as inheritance, adaptation and characteristic traits through genetics and personality. The children will focus on some key figures in scientific history who have provided ideas of evolution and observe how these ideas have been built upon over time with the help of technology.

Useful websites
https://www.bbc.co.uk/bitesize/topics/zvhhvcw
https://www.stem.org.uk/resources/community/collection/12648/year-6-evolution-and-inheritance

Places to visit: Warrington Museum
https://wmag.culturewarrington.org/collections/

History: Warrington at war

Historical inquiry will be at the heart of our learning as we explore some of the major events of World War II and begin to consider how Warrington and its residents were affected by the events of the War. With the town being such a strategic town due to being home to Burtonwood Airbase, its industrial output and proximity to Manchester and Liverpool, it will be a fascinating insight for the children to understand more about how we played our part in overcoming the axis powers.

Useful websites:

http://www.rafburtonwoodheritagecentre.co.uk/

https://www.bbc.co.uk/history/ww2peopleswar/stories/19/a4647819.shtml

Geography:

Year Six will be investigating where our energy comes from and how we can manage our energy usage in the modern world. The children will continue to develop their use of key geographical methods and skills such as the use of atlases and field study.

The children will also consider how energy consumption affects the atmosphere and humanities role as stewards of the planet.

Useful websites:

https://www.bbc.co.uk/bitesize/articles/zywx6g8

Physical Education:

Dodgeball

The children will be developing their mobility, technique and balance through dodgeball. They will need to communicate well and apply their hand-eye coordination carefully.

Volleyball will be the sport in which the children will be developing their skills this half term. They will learn the basic rules as well as master key skills such as setting, spiking and striking the ball

Art: Textiles

Artist Link – Linda Calverley Jan Beaney

This half ter, the children will be developing their knowledge of textiles within the arts. They will be working on embellishments, the use of stiches and considering how the method can be part of the artistic method. The children will look at the work of several artists and how they have incorporated fabrics and sewing skills into their work.

Useful websites:

https://www.accessart.org.uk/textiles-in-primary-school/

http://tate.org.uk/schools/resources/discover-textiles

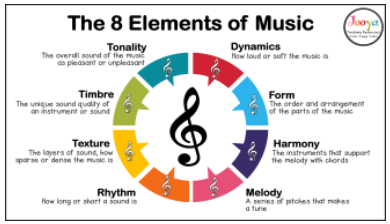
Religious Education:

Christianity

In RE, the children will be focusing on the Islamic religion and the significance of the Hajj pilgrimage. They will study the importance of belief to Muslims, their relationship with the Qur'an and how they celebrate their religious belief.

Useful websites:
https://www.bbc.co.uk/bitesize/guides/zdcbcj6/revision/5

Music:
Dynamics, pitch and texture



Year Six will be looking at how key terminology plays out across musical pieces. They will use their voices, percussion and tuned instruments to create musica pieces of their own and also follow the direction of a conductor.

Useful websites:
https://www.bbc.co.uk/bitesize/subjects/zwxhfg8
https://www.youtube.com/watch?v=xY0CXmQDh00&t=5s

PSHE:

Resourcefulness

In this area of the PSHE curriculum, we will consider some of the key global topics such as climate change and explore ways in which we can change our habits for the good of the planet. The children will also look at the global community and identify how we all come together to help and support each other.

Useful websites:
https://www.entrepreneur.com/article/272171

Languages:

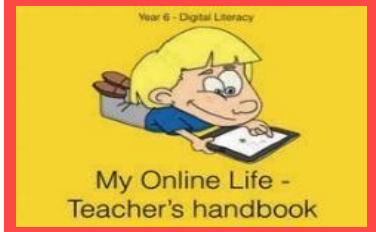
El Fin de Semana

In this area of learning, the children will be able to talk about their weekend plans which include hobbies, clubs, sports and family time. They will continue to apply their reading, writing, speaking and listening skills to interact with texts and their peers.

Useful websites:
https://www.youtube.com/watch?v=bmY1IIkG2BIhttp://www.duolingo.com

Computing:

My Online Life



This area of computing is geared towards developing the children's knowledge of how to be an effective online citizen who has an understanding of how to keep safe, and to also use the internet effectively to enhance their understanding of a world which is heavily reliant upon global communications. The children will learn about securing themselves, what to, and not to trust, and copyrights.

Useful websites:
https://www.thinkuknow.co.uk/