



FROZEN KINGDOM



YEAR 6: ONYX AND QUARTZ

AUTUMN TERM 2019

Connected Learning

During the autumn term, Year 6 will embark on a journey into the frozen kingdoms of the world. They will explore the Arctic and Antarctica, looking at similarities and differences. Year 6 will engage in many debates, with a particular focus around a current world issue involving climate change, researching various viewpoints before drawing their own conclusions. We will also research and create our own documentaries, inspired by Sir David Attenborough.



Connected Writing

As writers, Year 6 will draw on their knowledge and research of RMS Titanic to inspire them. We will focus on developing and consolidating our skills through diary entries of the passengers, write letters from different viewpoints, generate non-chronological reports and lead into narratives. We will then explore animals from the frozen areas of the world and write non-chronological reports from our research and personal knowledge.

Maths

As mathematicians, Year 6 will develop their arithmetic skills based around the 4 operations. This will be supported with high levels of reasoning and application throughout the curriculum. We will also develop our knowledge further on fractions, decimals and percentages. This term we will have a key focus on learning key number facts, with a particular focus on times tables. It is evident, that those who practise at home using TT Rockstars, are quicker and more accurate than those who don't!

Reading

As readers, Year 6 will focus on a range of texts involving diaries, poetry, narrative and factual texts. They will develop their skills around reading for inference and apply these skills across the different curriculum areas. It is also vital that children continue to build on their fluency levels. It is evident, that children who still read regularly at home, as well as in school, become more accurate and fluent readers and engage better with unfamiliar texts.

Science

As scientists, we will explore the world of science through theory and practical experiments to develop our skills and knowledge. We will focus on states of matter, forces and friction, living things and habitats, including food chains. We will also research what it is like to live in the Arctic and Antarctica and how we survive in such harsh conditions.



RE/PSHE

In RE, the key question for children in Year 6 is 'What is eternity?'. Children will focus on exploring this question within a range of religions and beliefs. Children will also continue to demonstrate the REACH values as they earn their right to be a prefect.



History

As historians, we will research the RMS Titanic, key people involved during its journey and what happened to the 'unsinkable' ship. We will also gain knowledge of early explorers (1900s), timelines and explore the Edwardian era.

Computing

As users of technology in an ever evolving world, the children will look at different presentation software and enhance their skills to create their own presentations. They will also use 'Scratch' to create their own Titanic animations. They will create documentaries using video and editing skills and also develop their knowledge of e-safety.

Art/DT

As artists we will develop our sketching skills through portraits of significant people who embarked on the Titanic, as well as sketching the ship itself. We will also sketch animals from the Arctic and Antarctica. As designers, we will design, make and evaluate our own ships and experiment their effectiveness for purpose. We will also use sculpting materials to create icebergs and explore how photography has developed over time.

Geography

As geographers, Year 6 will explore current global issues including; climate change, monsoons, countries' defences, avalanches and flood defences. They will also develop their knowledge of Earth, continents and explore key skills within map work. They will look at a range of maps and discuss which would be the most effective for the purpose of their objective.

Family fun and focus

Some websites you can visit for further education and home support are:
<https://www.natgeokids.com/uk/discover/geography/general-geography/ten-facts-about-the-arctic/>

<http://www.sciencekids.co.nz/sciencefacts/earth/arctic.html>

Documentaries:

Alaska Earths Frozen Kingdom <https://www.bbc.co.uk/programmes/b0520nyz>

Frozen Planet (accessible via Netflix)

Great educational books to access:

You Wouldn't Want to be on Shackleton's Polar Expedition!

Amazing Expeditions: Journeys That Changed The World

PE

Sports coaches from YDP will be leading the Year 6s into a range of activities for team building and co-ordinating skills. This will be seen within various sporting games throughout the autumn term.

