



CLASS NEWSLETTER



Frozen Kingdom



This project teaches children about the characteristics and features of polar regions and includes a detailed exploration of the environmental factors that shape and influence them. Linked to this, we will do an art project, teaching the children about the Inuit way of life, including some of their cultural and artistic traditions.

Our companion projects include Light, The Circulatory System and Diet, Drugs and Lifestyle in Science. In Design Technology, the children will be navigating the world, programming and creating a navigation tool.

We will launch Frozen Kingdom with an exciting VR experience which will be based at school: a virtual journey to the Arctic Circle and Antarctica, looking at the animals which live there and the impact of climate change. This will help the children learn more about polar animals to then write their own non-chronological reports in English.

If you would like to contact us, you can email us on our school email addresses:

Jaguar Class (Miss Bannoeks) jaguar@broughton.bucks.sch.uk

Ocelot Class (Miss Hawes) ocelot@broughton.bucks.sch.uk

Overview of the Spring Term

English:

Purpose: To inform and to entertain

Outcomes: non-chronological report, diary, narrative and explanation text

Texts: Shackleton's Journey and Just So Stories



Maths: Decimals, Ratio, Percentages, Algebra, Area, Perimeter and Volume and Statistics.

Science: Light, The Circulatory System and Diet, Drugs and Lifestyle

Geography: Frozen Kingdom, learning about the polar regions

PSHE: Dreams and Goals and Healthy Me

Art: Inuit art and printing

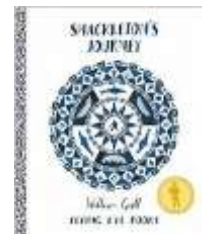
Design Technology: Navigating our World: 3D CAD models

PE: Hockey and Football

RE: Christianity - is anything ever eternal? Christianity - is Christianity still a strong religion over 2,000 years after Jesus was on Earth?

Computing: The History of Computers and Scratch

Learning Behaviour: Ambition and Honesty



Timetable

Start: 8:40am Finish: 3:15pm

PE

Tuesdays and Thursdays.

Please send children to school in their PE kits on these days.

All children must have a white top or house colour, black or navy shorts. Trainers, joggers and jumpers will be required for outdoor PE.

Forest School

Thursday afternoons.

All children need wellies and a waterproof coat for forest school.

Equipment:

They must have a named water bottle and waterproof coat in school every day. All stationary is provided for the children. Please do not bring any pencil cases to school. Remember a sun hat and sun cream for hot days.

Snacks:

Healthy snacks are encouraged, e.g. fruit and cereal bars, not sweets, chocolate or crisps. Please do not send any nut products to school. No fruit juice - only still water please.

Homework:

Reading - You should read with your child at least 5 times a week at home.

Spellings - Sent out on a Friday and tested on the Friday after.

TT Rockstars- Use TT Rockstars to practise times tables. Children will be tested through the '99 club' each week.

Topic homework:

There is a topic homework sheet attached. We would like the children to choose at least one piece to do and bring in to share with the class.

CGP books:

Children will be given a CGP comprehension book to complete for homework. More information to follow.

Dates

Start school: Tuesday 6th January

VR Experience Day: to be confirmed

Half term: Monday 16th Feb - Friday 20th Feb

Parents Evenings 23rd-25th March

End of term: Friday 27th March

Our Team

Miss Hawes (Ocelot Class teacher)

Miss Bannocks (Jaguar Class teacher)

Mrs Giffen (Jaguar Class LSA)

Mrs Edwards (Ocelot Class LSA)

Mr Banks (Jaguar Class LSA)

Thank you for your support
Year 6 team!



Frozen Kingdom Home Learning



Use the internet and other source materials to sketch and label a diagram of the Earth. Include the equator, Prime Meridian, lines of latitude and longitude, Tropics of Cancer and Capricorn and the polar regions.

Polar landscapes have many interesting natural features, including icebergs, glaciers, mountains, ice fields, tundra and boreal forests. Record a definition and description of each feature in a table.

Useful websites

[Britannica Kids – Antarctica](#)
[Britannica Kids – Arctic Regions](#)
[Met Office – Climate zones](#)
[National Geographic Kids – What is climate change?](#)
[DKfindout! – Polar Exploration – Famous Polar Explorers](#)
[Britannica Kids – Polar Exploration](#)
[National Geographic Kids – Titanic Facts](#)

Good reads

Title	Author	ISBN
Arctic and Antarctic	DK	9781405394628
Research on the Edge: Polar Regions	Louise Spilsbury	9780750289900
Polar Climates	Cath Senker	9781474738422
Ecographics: Climate Change	Izzi Howell	9781445165714
Polar Explorers for Kids	Maxine Snowden	9781556525001
Story of the Titanic	DK	9781409383390

Polar animals include polar bears, emperor penguins, Siberian salamanders, Greenland sharks, emerald rockcod, walrus and Arctic terns. Compare two of these species, recording where they are found, their habitats and what they eat.

Draw a detailed diagram of the two species that you compared. Add labels to identify their key features and adaptations.

The Arctic is rich in natural resources, including oil, gas, wood, freshwater and hydropower. Draw a mind map to write a short description of each.

Which of these natural resources are used, and which are largely untapped?

Many people are concerned about the impact of climate change on the polar regions. Gather evidence to find the answers to the following questions.

- What is global warming?
- What is climate change?
- What are four causes of global warming?
- What is the impact of climate change on the planet?
- What is the impact of climate change on wildlife?
- What are your thoughts and feelings about climate change?

