

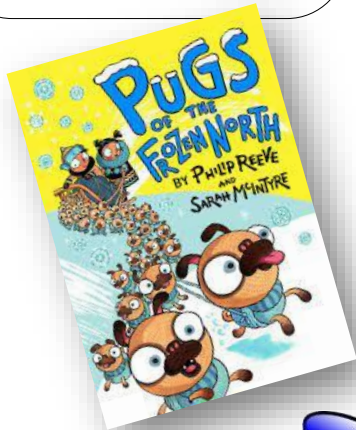
Dear Parents,

This half term our topic is all about the polar regions. Building on their prior learning in KS1 of arctic habitats, they will explore food chains, contrasting climates and wildlife. The theme will be used as an inspiration for soup making, thermometer work, making fridge magnets and exploring insulators.

Mrs Chapman

Our recommended read:

This half term 'Pugs of the Frozen North' will be available at the library or in school for you to borrow and share at home.



How does **global warming** have an impact on the weather?

What **food chains** are there present in the arctic?



Why do **insulators** help keep things warm?

Why would a **thermometer** in the **polar regions** have a negative temperature?

What is different about **habitats** in contrasting locations?

Spring 1

Things to remember:

Tuesday – PE Day
Wednesday – NO SWIMMING – NEW PE DAY AND FOREST SCHOOL
Thursday – Reading books changed
Friday – Spelling test and library

11th Feb – Safer Internet Day



Insulating mug

As part of a creative carousel we will be designing and making our own insulating mug, using knowledge from our science experiments of effective insulating materials



Fridge magnet

We will also be making our own animal themed fridge magnet, using our knowledge of polar habitats



Seasonal soup

Finally, we will be following a recipe to make our own seasonal soup – knowing the importance of healthy eating.

Useful words

climate- the average weather conditions in a place

Food chain - – shows how each living thing gets it's food

Global warming – when greenhouse gases trap heat into the Earth's atmosphere causing the planet's temperature to rise.

habitat – the place a plant or animal lives

insulator, - a material that does not easily allow heat to pass through it

Polar regions – a place where the climate has a temperature below freezing, icy and covered in snow.

thermometer- an instrument used to measure temperature