

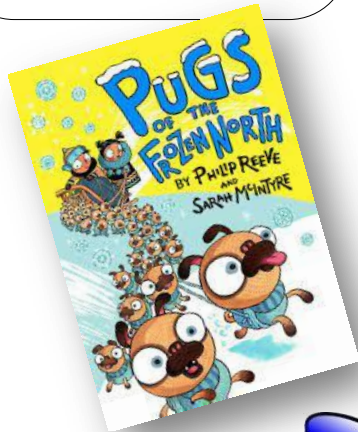
Dear Parents,

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 and Mrs Evans

**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:**

**Monday** - Chestnut forest school  
**Wednesday** - KS2 swimming AND NEW PE DAY  
**Thursday** - Reading books changed  
**Friday** - Spelling test and Willow forest school

**7th 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 its 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