

## Knowledge Organiser: Frozen! (Polar Regions)

### Science - Freezing and melting

**Experiment** - a test to discover, or to test something known already.

**Prediction** - making a sensible guess about what could happen in the experiment.

**Results** - recording what I have noticed from what happened in the experiment.

**Freeze** - **liquid** freezes and turns into a **solid**.

**Melt** - water melts and turns from a **solid** into a **liquid**.

### Science - The life cycle of an Emperor Penguin

A mother penguin lays an **egg**.

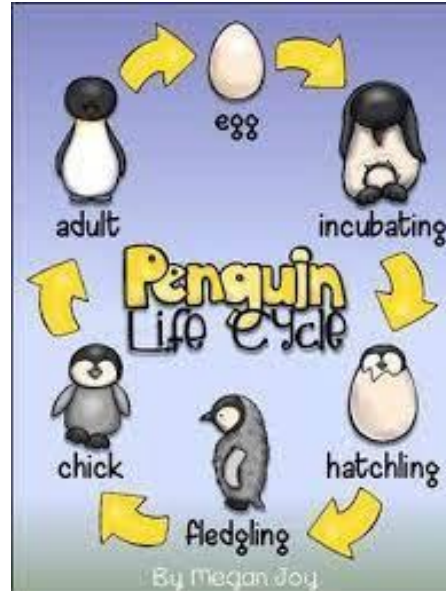
The egg stays warm (**incubates**) on the father's feet.

The egg hatches, and becomes a **fledgling** when it is first born.

The mother goes off to bring back food for the **chick**.

The chick becomes an **adult** penguin after 3 years.

**Emperor Penguins** live in **Antarctica**.



### Geography - cold places

**7 continents** - areas of land that cover our planet. These are:



The **North and South Poles** are the coldest places on our planet.

### History - Ernest Shackleton

**Ernest Shackleton** famously sailed to explore Antarctica but his ship called '**Endurance**' got stuck in the ice and broke up! It took **2 years** for the whole crew to be rescued!



### Open the door...

### Seven Continents Song - YouTube

Little People, Big Dreams - Ernest Shackleton

