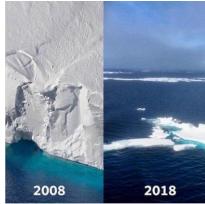
Frozen Kingdoms Knowledge Organiser

Key Vocabulary		
Adaptation	Physical changes to the animal's body or behavioural changes in how an individual animal or a society do things in their daily lives.	
Biomes	A large region of Earth that has a certain climate and certain types of living things.	
Continent	The world's main continuous expanses of land (Europe, Asia, Africa, North and South America, Australasia & Oceania, Antarctica)	
Climate	A long term pattern of the weather conditions	
Climate change	Big change in the weather over a long time, now made worse by human pollution	
Endurance	A three-masted wooden vessel in which Sir Ernest Shackleton sailed for the Antarctic on the 1914 Imperial Trans-Antarctic Expedition	
Equator	The imaginary east-west line encircling the Earth midway between the North and South poles	
Expedition	A journey undertaken by a group of people with a particular purpose	
Global Warming	Change in the climate that makes the world warm up. Global warming is caused by pollution made by humans	
Inuit	A member of a group of indigenous peoples of northern Alaska, arctic Canada, and Greenland.	
Lines of Latitude	Imaginary lines around the globe that measure how many degrees North or South of the equator a place is	
Lines of Longitude	Imaginary lines down the globe that measure how many degrees East or West of the Greenwich/ Prime Meridian (Greenwich, London) a place is	
Navigate	To move through a particular course in an unfamiliar area	
Northern Hemisphere	The half sphere of Earth which is North of the equator	
Southern Hemisphere	The half sphere of Earth which is South of the equator	
Tropics of Cancer and Capricorn	Imaginary lines above and below the equator. Between these lines lie the Tropics.	
Pack Ice	A large area of ice floating in the sea, formed by smaller pieces freezing together	
Pollution	Harmful chemicals or gases that spoil the environment	





Key Questions we will be able to answer by the end of this unit:

- -What are the different biomes and why do they occur?
- -What are the causes and effects of 'global warming' on our polar regions?
- -How are animals adapted to living in such harsh conditions?
- -Shackleton's 1914 expedition: a tragedy or triumph?

We will be exploring the concept of Endurance through many questions.

Key Concept: Endurance





Ernest Shackleton An explorer who in 1914, chartered an expedition to Antarctica. Disaster struck when his ship, the Endurance, was crushed by ice. He and his crew drifted on sheets of ice for months until they reached Elephant Island, Shackleton eventually rescued his crew, all of whom survived the ordeal. He later died while setting out on another Antarctic expedition.

TIMELINE OF ENDURANCE		
8th Aug 1914	Endurance leaves Britain	
5th Dec 1914	Enduance leaves South Georgia Island	
18th Jan 1915	Enters pack ice, ship is immoveable	
24th Feb 1915	Ship routine ceased	
25th Oct 1915	Ship cracks under pressure of ice, takes on water and is abandoned	
21st Nov 1915	Ship sinks	
March 1916	Attempts to move camp fail	
9th Apr 1916	Set off on foot	
18th Apr 1915	Arrive at Elephant Island	
24th Apr1916	Five leave on lifeboat to seek help	
9th May 1916	Arrive South Georgia	
30th May 1916	Crew rescued on fourth attempt	

