



Year 5 Topic Information Sheet

- Autumn Term 1 and 2

## Geography - Explorers

### Key facts which the children will have learnt by the end of this topic:

The equator is an imaginary line that divides the Earth in half, and is equal distance from the North and South poles.

The tropics are the only part of the Earth where the sun shines directly downwards.

The tropic of Cancer is in the northern hemisphere

The tropic of Capricorn is in the southern hemisphere

Biomes are areas of our climate with similar climates, landscapes, animals and plants.

Antarctica is the driest of the seven continents.

Antarctica is the least populated continent.

### Main concepts with links to prior and current learning:

**LOCATION:** Hemisphere, latitude, longitude, 4 and 6 figure grid references, continent, country, region.

**CLIMATE:** Environment, weather, Water Cycle

**TERRAIN:** Land, sea, mountains, rivers, resources

**Links:** Year 3 - Italy, Europe and mapping skills Y3, Egypt, mountains, mapping skills & rivers and coasts year 4.

**Key Vocabulary:** You may wish to discuss the meanings of these words with your child.

Equator, climate change, desert, discover, hemisphere, biome, tundra, habitat, arid, temperate, tropic of Cancer, tropic of Capricorn, Arctic circle, Antarctic circle, grid reference

Ourselves	Our Environment	The Wider World
- Establishing talk rules for the classroom -Debate about exploring – should they risk their lives?	-Exploring our school grounds -Work about climate change relating to Antarctic	-Learning about Climate change -Understanding that our world is full of different people

### Our Class Text

This term we will be studying the following books in our

English lessons:

Journey, Shackleton's Journey, Ice Trap, FaRther & Varjak Paw

**Universal Themes:** Power, Separation, Journeys, Equality and Diversity, Invention