



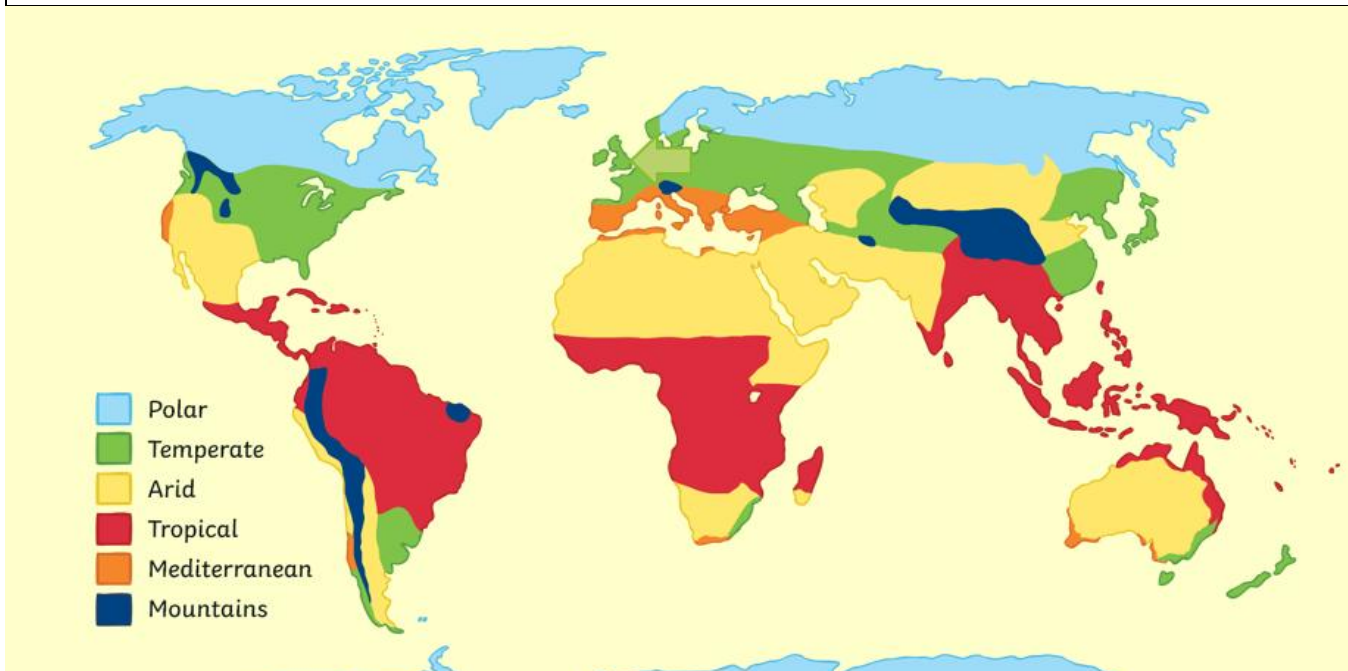
Global Caretakers

Geography KNOWLEDGE ORGANISER

Year 4 Autumn Term

Substantive Knowledge

- The world is split into climate zones.
- The climate in the UK has changed over time.
- The planet is warming.
- Manila is the capital of the Philippines.
- In 2012, typhoon Haiku hit Manila.
- **Climate change** has caused increase in food costs, power shortages and disease.
- Minimum and maximum temperatures have increased.
- Melting **icecaps** speeds climate change.
- Temperatures in the arctic are rising twice as fast as average temperatures globally.
- Plastic can take up to 400 years to break down.



Key Vocabulary

Climate change	Climate change refers to the shift in the Earth's usual weather conditions over many years. Our world has been getting hotter due to things humans are doing.
rising sea level	Sea levels are rising at a faster rate than ever recorded around the world. It has already had a big impact in many places, especially low-lying countries in the South Pacific.
icecaps	An ice cap is a thick layer of snow and ice covering less than 50,000 square kilometres.
greenhouse gasses	gases in Earth's atmosphere that trap heat. They let sunlight pass through the atmosphere, but they prevent the heat that the sunlight brings from leaving the atmosphere.
pollution	poisons, wastes, or other materials that pollute.
biome	a major type of global region, such as forest, desert, or grassland, characterized by the community of plants and animals that have adapted to life under the particular soil and climatic conditions that a particular region presents.
glacier	a large mass of ice formed in cold regions from compacted snow and very slowly moving down a slope or across land.
typhoon	a hurricane that occurs in the western Pacific area and the China Sea.