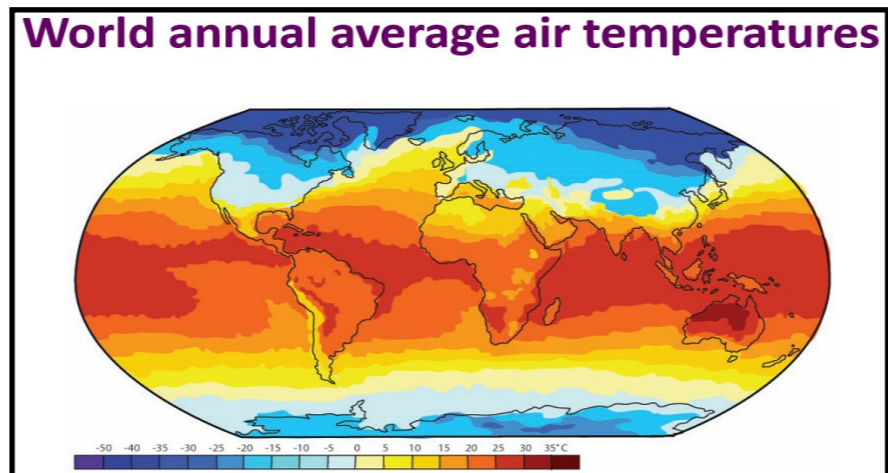
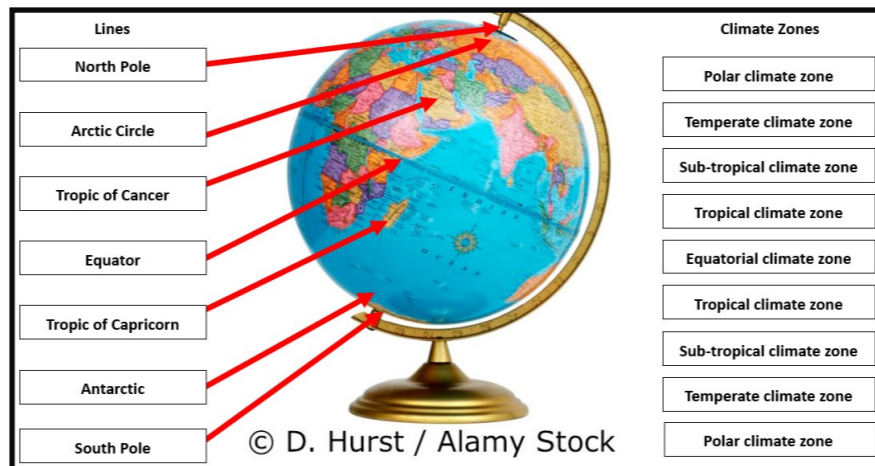
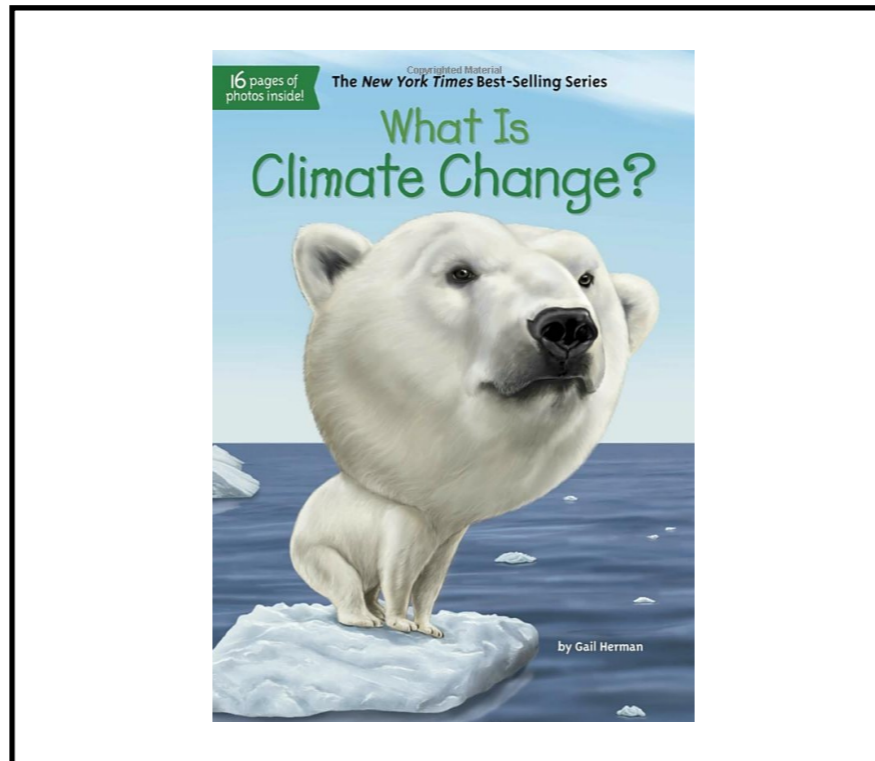


# Climate

## Why is climate important?

### Vocabulary

<b>Climate</b>	the average weather pattern of a place over many years
<b>Weather</b>	the conditions outside at a particular place and time. Sunshine, clouds, temperature, and rain are some of the changing conditions that make up the weather.
<b>Equator</b>	the imaginary circle around the earth that is halfway between the North and South Poles.
<b>Biome</b>	a community of plants and animals that have common characteristics for the environment they exist in..
<b>Climate Zone</b>	something that happened in the past or that comes from someone in the past .
<b>Season</b>	one of the four parts of the year; spring, summer, autumn and winter.
<b>Temperature</b>	the measurement of heat or cold as shown in degrees on a thermometer.
<b>Hemisphere</b>	A hemisphere is formed by dividing the earth into the Northern and Southern Hemispheres at the equator, or into the Eastern and Western Hemispheres at a meridian.
<b>Arid</b>	extremely dry, especially from lack of rainfall.
<b>Fauna / Flora</b>	animals of a particular region, or environment. / plants of a region, or environment.



## Key knowledge

**Weather** is short term. It is what happens in our atmosphere from day to day. It includes precipitation, temperature, wind and humidity. Weather varies from place to place, from day to day and from season to season. The range of weather in a place is a characteristic of its climate.

**Climate** is long term. It refers to the average weather pattern of a place over many years. Climates can be predominantly hot, cold, wet or dry, hot and wet, hot and dry, and so on. The climate of a place affects the soil, flora and fauna of that place, and impacts on human activity in a variety of ways.

**Biomes** include deserts, forests, grasslands, tundra and aquatic environments. Biomes are defined collectively by the climate, soil, organisms, flora and fauna of a large geographical area. Each biome consists of many ecosystems whose communities have adapted to the small differences in climate and the environment inside the biome.

### World climate zones

