






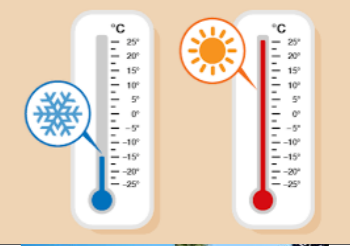


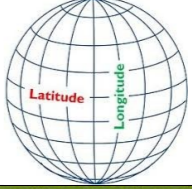


Year 3 Autumn Term - Geography - Climate Zones

<p>KQ1 Why does a place's location in the world affect its climate?</p> <p style="color: green;">Environment</p> 	<p>Climate is the average daily and seasonal weather patterns over a long period of time.</p> <p>Weather is short term weather. It happens day to day.</p> <p>Latitude is the distance a place is from the equator and measured in degrees. You are either north or south of the Equator.</p>	<p>Climate Weather Latitude Equator</p>
<p>KQ2 What is a climate zone?</p> <p style="color: green;">Environment</p> 	<p>Climate zones are areas with distinct climates: Arid, Mediterranean, Temperate, Tropical and Polar.</p>	<p>Hemisphere Axis Sphere Season</p>
<p>KQ3 How is the climate in the UK different from that in the tropics?</p> <p style="color: green;">Environment</p> 	<p>Climate zones are areas with distinct climates: Arid, Mediterranean, Temperate, Tropical and Polar.</p> <p>The UK is in a temperate zone.</p>	<p>Temperate Tropical Precipitation Temperature</p>
<p>KQ4 How does the climate vary around the world?</p> <p style="color: green;">Environment</p> 	<p>The equator receives more sunlight than the poles, so climate varies depending on its distance from the equator.</p>	<p>Temperature Precipitation Temperate Mediterranean Tropical Arid Polar</p>
<p>KQ5 What is a biome?</p> <p style="color: green;">Place</p> 	<p>A biome is a natural area of plants and animals. The world is divided into many different biomes and they all vary depending on their climate.</p>	<p>Biome Aquatic Grassland Forest Desert Tundra</p>

<h1>Climate</h1>	<p>Climate is the long-term pattern of weather in a specific place, usually measured over 30 years or more. It's like the average weather conditions you can expect in a place, such as how hot or cold it usually is, how much rain or snow falls, and how windy it usually is.</p>	
<h1>Weather</h1>	<p>Weather refers to the day-to-day atmospheric conditions in a specific place, like how hot or cold it is, whether it's wet or dry, and whether it's windy or calm. It's what's happening in the sky and air right now, including temperature, cloudiness, and precipitation.</p>	
<h1>Temperature</h1>	<p>Temperature is a way to measure how hot or cold something is. It's basically a measure of the energy of tiny particles moving around inside of an object or substance. The faster those particles move, the higher the temperature. We use thermometers to measure temperature, and it's expressed in degrees, like Celsius (°C) or Fahrenheit (°F).</p>	
<h1>Season</h1>	<p>A season is a part of the year with its own special kind of weather. In most places, there are four seasons: spring, summer, fall (or autumn), and winter. These seasons change because of the way the Earth moves around the sun and how it's tilted.</p>	
<h1>Equator</h1>	<p>The equator is an imaginary line that circles the Earth around its middle, like a belt around a globe. It's an important line because it divides the Earth into two halves: the Northern Hemisphere and the Southern Hemisphere. The equator is located at 0 degrees latitude.</p>	
<h1>Latitude</h1>	<p>Latitude is a way to measure how far north or south a place is from the imaginary line called the equator, which circles the middle of the Earth. Imagine the Earth as a giant ball, and latitude lines are like circles that run sideways around it. They help us pinpoint locations on a map or globe.</p>	
<h1>Biome</h1>	<p>A biome is a large area on Earth with a specific climate and types of plants and animals that are adapted to that climate. Think of it as a big community of living things that share similar environments. These areas can be on land or in water.</p>	