

Caroline Haslett Primary School - Geography

| Autumn Term | Year 5 | Latitude, Longitude and Time Zones |
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| <p>Prior Knowledge</p> <p>The equator is an imaginary line that divides the Earth in half.</p> <p>The Northern hemisphere is the half of the earth that is above the equator. The southern hemisphere is the half of the earth that is below the equator.</p> | | <p>Vocabulary</p> <ul style="list-style-type: none"> • Antarctic Circle - the line of latitude that is 66° south of the equator. • Arctic Circle - the line of latitude that is 66° north of the equator. • Equator - the line of latitude at 0°. • Greenwich Mean Time (GMT) - The United Kingdom's time zone. • Lines of Latitude - imaginary lines that go around the Earth west to east that are level with the equator. • Lines of Longitude - imaginary lines that go north to south between the North and South Poles. • Prime (Greenwich) Meridian - the line of longitude at 0°. • Tropic of Cancer - the line of latitude that is 23.5° north of the equator. • The Tropic of Capricorn - the line of latitude that is 23.5° south of the equator |
| <p>New Knowledge</p> <p>Lines of latitude and longitude are used to pinpoint an exact place in the world. They are labelled using °.</p> <p>The equator is the line of latitude at 0°.</p> <p>The Tropic of Cancer is a line of latitude that is 23.5° north of the equator. The Tropic of Capricorn is a line of latitude that is 23.5° south of the equator.</p> <p>The Arctic Circle is a line of latitude that is 66° north of the equator. The Antarctic Circle is a line of latitude that is 66° south of the equator.</p> <p>Lines of longitude are also called meridians. Line 0° passes through a place called Greenwich in London. It is called the Prime (Greenwich) Meridian and all other lines of longitude measure how many degrees east or west they are from it.</p> <p>Different places on Earth have different time zones. Each time zone is 1 hour apart. The United Kingdom's time zone is called Greenwich Mean Time (GMT).</p> | | |
| <p>Activities</p> <ul style="list-style-type: none"> • Identify locations using lines of longitude and latitude. • Investigate the time in different countries when it is midday in Milton Keynes. | | |
| <p>Skills and National Curriculum Objectives</p> <ul style="list-style-type: none"> • Use maps, atlases, globes and digital/computer mapping to describe features studied. • Follow or describe lines of longitude and latitude to identify a particular position. • Identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night). | | |
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