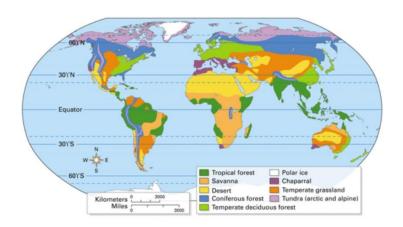
St Francis CEP School Geography	
Unit: Climate zones and Time zones	Year group: Year 6

## What should I already know?

- The equator is an imaginary line of latitude which runs through the centre of the earth.
- Climate is different to weather it's a pattern of weather over a long period of time.
- Earth spins on its axis creating day and night.
- It is cold near to the poles and hot near to the equator.
- Italy has a Mediterranean climate and the UK have a temperate climate.





# What will I find out by the end of the unit?

#### Time zones

- Earth is divided into 24 different time zones one for each hour of the day.
- Line of longitude running through the UK called the **Prime Meridian**.
- The Prime Meridian splits the world into eastern and western **hemispheres**.
- Time in countries to the east of the Prime Meridian is always in front of that in the UK.
- Time in countries to the west of the Prime Meridian is always behind that of the UK.

### Climate zones

- Tropic of Cancer is a line of latitude north of the equator.
- Tropic of Capricorn is the line of latitude south of the equator.

#### Climate zones are:

- Tropical hot and wet Brazil
- Arid hot and dry Egypt
- Mediterranean hot dry summers, cool wet winters-Greece
- Temperate mild summers, cold winters France

## Geography skills and fieldwork

- Use time zone maps to find countries so many hours ahead or behind the UK.
- Locate countries in each climate zone.
- Compare populations in various countries from various climate zones.
- Find out how climate change is affecting the future e.g. animal survival polar bears or natural disasters flooding.

equator imaginary line of latitude running through the centre of the earth.  Prime Meridian line of longitude running through the UK and London  Northern north of the equator  Southern south of the equator  Hemisphere line of latitude north of the equator  Tropic of line of latitude south of the equator  Tropic of line of latitude south of the equator  Cancer the equator  Tropic of line of latitude south of the equator  climate zone areas of the earth, demarcated by lines of latitude, divided up based on climate  time zone a region within which the time is the same  tropical hot and wet areas around the equator  arid dry areas found around the tropics of Cancer and Capricorn  Mediterranean north of Cancer and south Capricorn  temperate north or south of the Mediterranean  polar around the North and South Pole  latitude imaginary line running	Vocabulary	
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