

# CLIMATE

YEAR 3 | SPRING 2



## OVERVIEW

Climate change is affecting lives across the world – but how?



## KEY PEOPLE



**David Attenborough**  
Broadcaster, biologist and natural historian. He is a supporter of environmental sciences



**Greta Thunberg**  
Swedish environmental activist who is known for challenging politicians on climate change.



**Robert FitzRoy**  
An admiral who invented the weather forecast in 1854.



**Elizabeth Wathuti**  
A climate activist from Kenya who founded the Green Generation Initiative that has planted over 30,000 trees in Kenya

The 20 warmest years on record are all after **1995**

300,000 years ago average temperatures were **4°C** warmer than today

**2020** was the second-hottest year on record

A region's climate is defined over a period of **30 years**

## KEY VOCABULARY



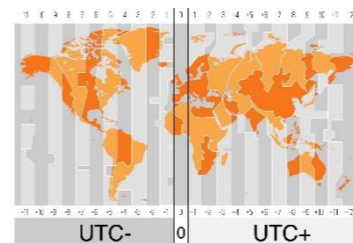
climate



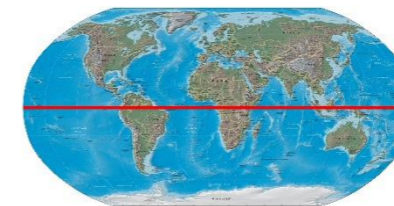
weather



region

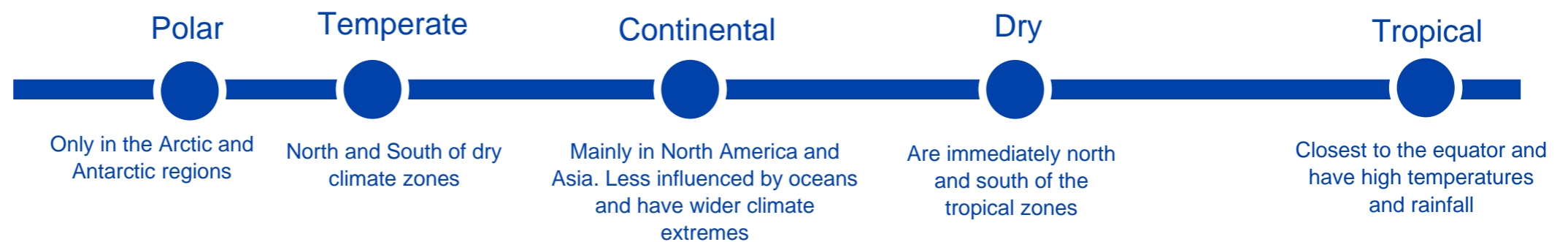


GMT



equator

## Climate Zones

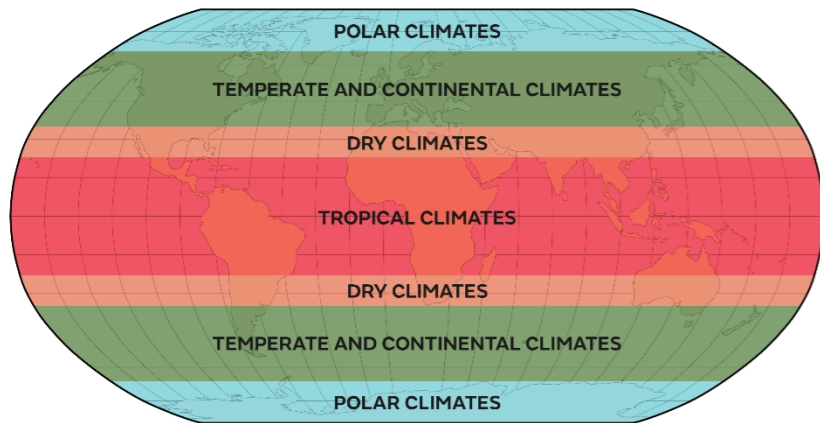


## FACTS

- The Prime Meridian Line is where the time is set for the whole world
- In 1884 Wladimir Koppen invented the Koppen climate classification which is the most widely used systems of climate zones
- No two places on Earth have exactly the same climate
- The study of climates is called climatology

## KEY PLACES

Met Office



## GLOSSARY

|                |   |
|----------------|---|
| climate        | The weather conditions in an area over a period of time                                       |
| equator        | A line that divides the Earth's Northern and Southern hemispheres.                            |
| Global warming | The long term heating of the Earth's surface which has increased green-house gas levels       |
| GMT            | Greenwich Mean Time – the local time in Greenwich, London. This is on the Prime Meridian Line |
| precipitation  | Rain, snow, sleet or hail that falls to or condenses on the ground                            |
| region         | An area of the world that has distinct features but not necessarily boundaries                |
| weather        | The state of the atmosphere at a particular place and time                                    |

## EVIDENCE: WHICH SOURCES ARE RELIABLE?



The internet



Maps



Documentaries



Travelling



Satellite images



BBC bitesize



NASA



National Geographic



UNIVERSITY OF  
CAMBRIDGE  
PRIMARY SCHOOL