

# Space Rocks – Year 5 – Autumn 2 – Geography

Vocabulary	
Word	Definition
Time zone	An area that observes a uniform standard of time.
Aerial image	A photo taken from above in an aircraft or other flying object.
Climate	The weather conditions prevailing in an area in general.
Physical Geography	The natural features of the earth's surface such as landforms, climate, soils, streams and oceans.
Landmarks	A recognisable natural or artificial feature used for navigation. It can often be seen from long distance.

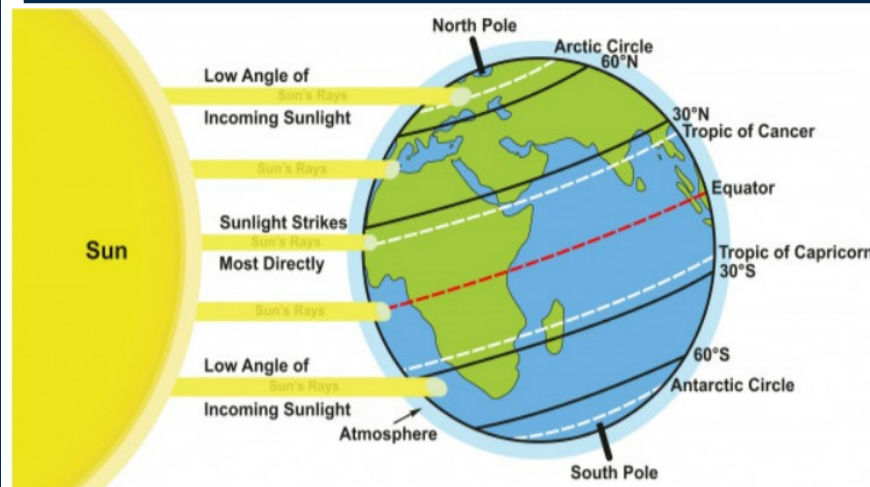
## Previous Knowledge

### In Key Stage 1, you learnt:

- To locate the equator, north and south poles
- To compare two different locations

### In Lower Key Stage 2, you learnt:

- What a climate is and how this affects a location
- To compare two locations using physical and human geography



### Physical Geography

Oceans, lakes, mountains, rivers, **weather** and **climate** patterns.



### Human Geography

**Country**/region boundaries, buildings, roads, language, religion, government.



## Key Facts

- Time zones occur because different countries are facing the sun at different times because the Earth rotates.
- The Tropic of Cancer is an invisible line that goes through the Northern Hemisphere. It is the most northerly circle on Earth that the Sun can be directly overhead at noon.
- The Tropic of Capricorn is an invisible line that goes through the Southern Hemisphere. It is the most southerly point on Earth that the Sun can be directly overhead at noon.
- To read grid references, remember 'along the corridor and up the stairs'.

**Spellings:** Time zone, Russia, location, Capricorn, Cancer, Tropic, Equator, similarities, grid reference, Northern hemisphere, Southern hemisphere

## Key Questions

- Can you use 6 figure grid-references to locate sites using maps?
  - Can you explain why time zones occur?
- Can you recognise different landmarks using aerial images?
- Can you identify similarities between Russia and the USA using words such as climate, language and currency?
- Can you locate the tropic of cancer and Capricorn?