

# The Knowledge

Supporting the National Curriculum



Knowing More

Remembering More

Learning More

# Our Changing World



**ARDELEIGH GREEN**  
JUNIOR SCHOOL

Year 6  
Geography

# Key Facts

**Climate Change and Global Warming** - The climate is the usual weather conditions that occur in a place over a long time. The world's climate naturally changes over a long period of time; however, the current rate of change is unprecedented and has been linked to human actions. This large scale change to the climate is called 'climate change'. The main cause of climate change is global warming. The temperature on Earth has increased by about 1°C since 1880. Burning fossil fuels, deforestation and eating meat is likely to have the biggest effect on global warming and climate.

# Grid References

On a map, a grid reference is a set of numbers that describes a position. Contour lines join points of equal height above sea level and show the topography of an area. Map symbols are pictures or icons that represent physical and human features.



# Time Zones

The world is split into 24 meridians because there are 24 hours in a day. Each meridian is in the centre of a time zone. The times around the world are calculated from the Prime Meridian. The time at the Prime Meridian is known as Greenwich Mean Time, abbreviated to GMT. If time zones are to the east of the Prime Meridian on a map, the time is ahead of GMT (GMT+). If they are to the west of the Prime Meridian, the time is behind GMT (GMT-).

## Key Vocabulary

**Export:** To send goods to another country for selling.

**Import:** To buy goods and bring them into one country from another.

**Global warming:** The increase in world temperatures caused by gases, such as carbon dioxide, being released into the atmosphere.

**Topography:** The physical appearance of an area of land, especially relating to its shape and surface.

# Test Yourself

- What is global warming?
- What is an import?
- What is an export?
- Where are time zones calculated from?
- What is a natural resource?
- What is a settlement?

**What I would like to know...**