



## Our Sustainable World

### Key People:

|   |   |
|---|---|
| Greta Thunberg<br>         | A 17 year old Swedish Environmental activist who challenges political leaders about climate change.                   |
| Sir David Attenborough<br> | A conservationist and environmentalist who educates and inform people about the natural world and how to preserve it. |

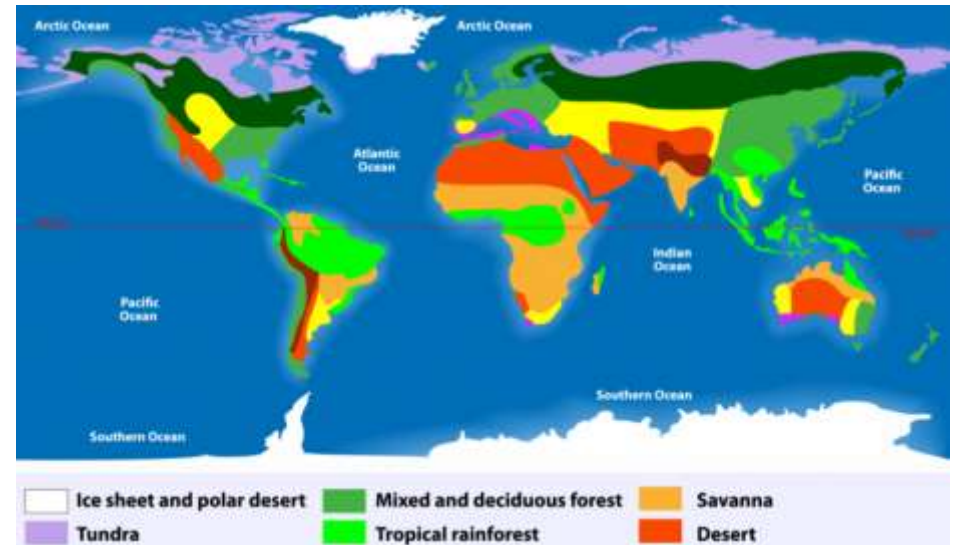
### Key Vocabulary

|                   |  |
|-------------------|--|
| Recycle           | A way of converting waste and materials so they can be reused again in a similar or different way.   |
| Emissions         | Harmful substances which are released: gases, liquid, heat, sound and light.   |
| Biodiversity      | The variety of living things that can be found on Earth: plants, animals, fungi and micro-organisms.   |
| Sustainability    | Doing something which does not harm or hurt the environment in anyway: gardening, recycling.   |
| Deforestation     | The clearing or cutting down of forests and not replanting them so humans can use the land.  |
| Climate change    | Long term changes to the planet: global temperatures, melting ice caps, gas emissions.   |
| Global warming    | The vocabulary used to describe the rising average temperatures on Earth.  |
| Carbon foot print | The amount of Carbon Dioxide (a type of gas) released in to the Earth's atmosphere by using different types of energies: burning fossil fuel and petrol. |
| Advocacy          | The act of supporting a particular group or cause.   |

### Key Questions and Facts

|   |   |
|---|---|
| How quickly are rainforest being cut down?                | Around 200,000 acres of rainforest are being cut down each day. Meaning 150 acres is being cut down a second! That is the size of a professional football pitch.                            |
| Why are the polar ice caps melting?                       | As the Earth's temperature continues to rise, this is causing the ice caps to melt and the sea levels to rise.  |
| Can all items be recycled?                                | No, not everything can be recycled. Whilst most household items can be recycled, there are certain items which cannot be recycled: plastic bags, polystyrene, oil, ceramics and lightbulbs. |
| What happens to all of the waste that cannot be recycled? | Most unrecyclable materials are taken to a landfill sight. Some will decompose into the Earth (normally a plastic bag will take 1000 years to decompose). Some items will never decompose.  |

### Our World



### Links to Prior Learning

Year 6: The Great Kapok Tree, deforestation and the Amazon Rainforest  
 From Bean to Bar: The journey of the cocoa bean.  
 Rainforests.