

# Bradfield CE Primary School - Knowledge Organiser - 2023/24



Geography:  
Sustainability

Year 5

Spring Term



## Key Vocabulary

<b>Sustainability</b>	using natural resources in a way that we could keep doing for a long time.
<b>Waste</b>	eliminated or discarded as no longer useful or required.
<b>Resources</b>	a stock or supply of money, materials, staff and other assets that can be drawn on by a person in order to function effectively.
<b>Pollution</b>	a substance which is released that has a harmful or poisonous effect on the environment.
<b>Insulation</b>	the act of covering something to stop heat, sound or electricity from escaping or entering.
<b>Green energy</b>	energy that comes from renewable sources, often referred to as clean, sustainable or renewable energy.
<b>Fossil fuels</b>	a natural fuel such as coal or gas, formed from the remains of living organisms.
<b>Food production</b>	the process of transforming raw materials into edible food products.

## Key Facts

- Non-renewable energy includes coal, gas and oil. Most cars, trains and planes use non-renewable energy which is made by burning fossil fuels to create energy.
- Renewable energy includes solar, hydro and wind energy.
- If we are not sustainable then there will be a loss of animal homes and the natural environment, temperatures will rise, ice caps will continue to melt and pollution will increase.
- When something is recycled it is reused or turned into something else. Materials such as glass, metal and paper are quite easy to recycle. Objects that aren't recycled are taken to landfill sites where rubbish gets buried and left to rot away.



## Threshold Concept

<b>Sustainability</b>	using natural resources in a way that we could keep doing for a long time.
<b>Environment</b>	all the physical surroundings on earth are called the environment. The environment includes everything living and everything non-living.
<b>Human Process</b>	the way the earth changes by humans interacting with it
<b>Human Feature</b>	a man-made feature.
<b>Country</b>	a piece of land governed by a group of people.
<b>Economy</b>	describes how a country or place is doing in producing and making goods, and how much money it has.
<b>Climate</b>	the weather conditions over a long period of time.