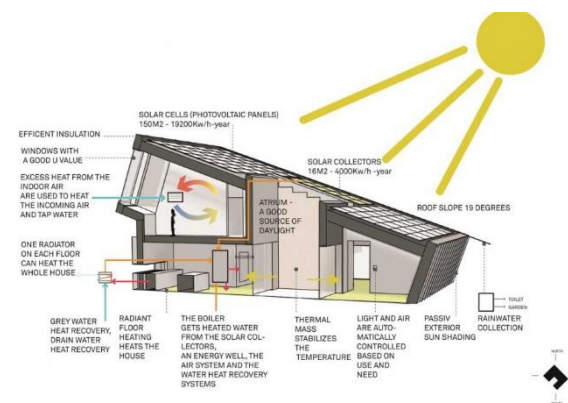
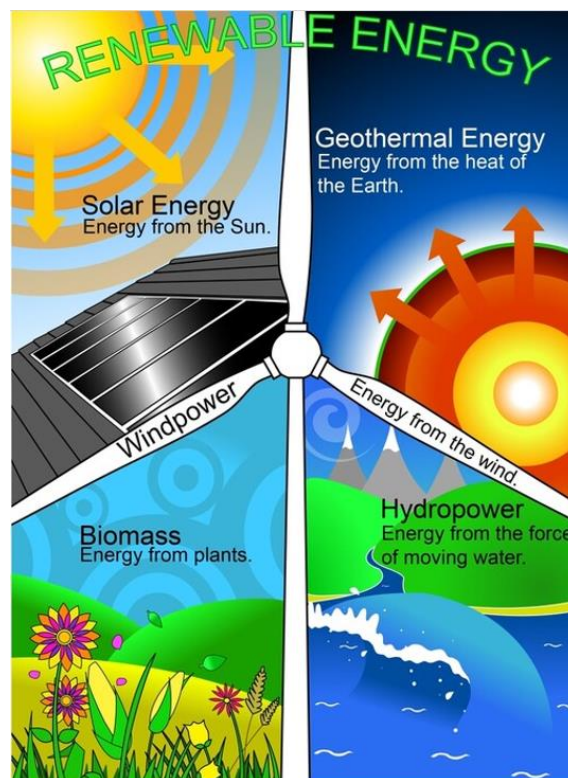


WHAT WILL OUR WORLD BE LIKE IN THE FUTURE?

Key Vocabulary

climate	The weather conditions in an area over a long period
renewable energy	Energy that comes from a source which never runs out like the sun, the tides and the wind
carbon neutral	When the release of carbon dioxide is balanced with its removal - so no extra carbon dioxide is added
eco-friendly	Not harmful to the environment
sustainable	Something that can be continued without using up natural resources
greenhouse gases	Gases that build up in the Earth's atmosphere and stop heat from escaping
greywater	Water that has been used in a sink, bath or shower that is then re-used to flush toilets
fossil fuels	A natural fuel that has formed from the remains of living things - coal, oil and natural gas are fossil fuels



Key knowledge and understanding

- Scientists are concerned about climate change caused by greenhouse gases.
- It is thought that greenhouse gases are causing temperatures to rise which means that the world's weather patterns are changing, leading to extreme weather such as droughts and flooding in some parts of the world
- Fossil fuels release carbon dioxide which is linked to climate change. Governments are trying to reduce the amount of fossil fuels that are used.
- In 2020, 42% of electricity in the UK was generated using renewable energy sources.
- People now try to build housing in a sustainable way - using insulation to trap the heat inside so that they don't need as much fuel, with solar panels to generate electricity and with ways to recycle water, for example.
- The UK has made a promise to be carbon neutral by 2050. This is part of the United Nations Framework Convention on Climate Change (UNFCCC) - a treaty agreed in 1994.