


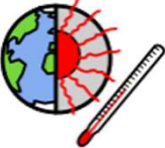




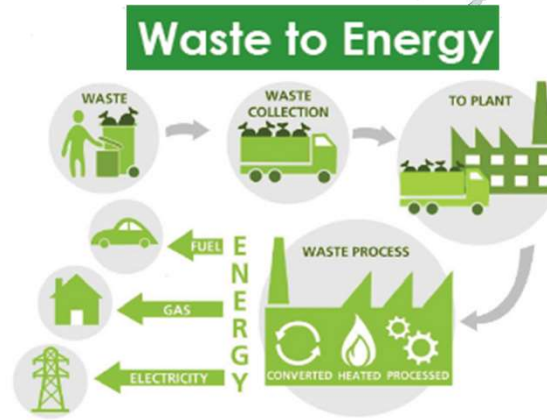
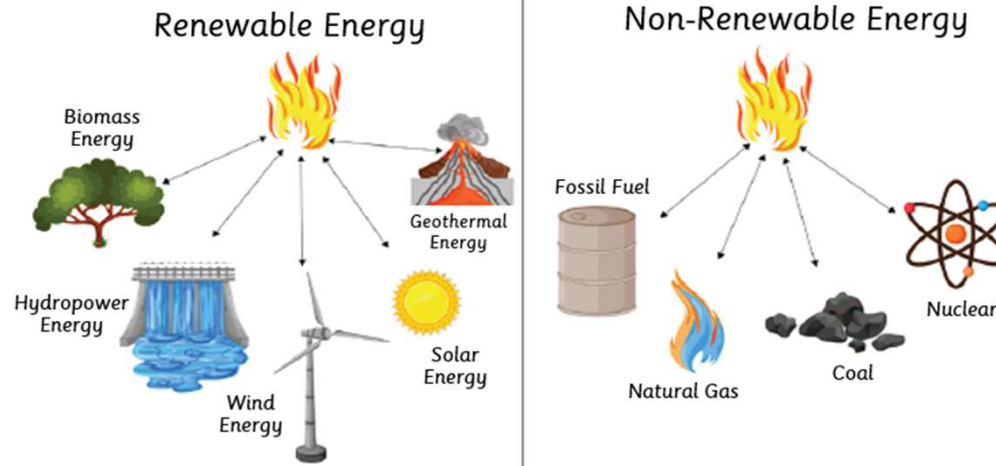


Key Vocabulary

Key Word	Definition
sustainability 	A balance between the people, the environment and the economy
biomass 	Any material made by plants and animals that we can convert into energy
emission 	The act of giving off, such as burning oil gives off emissions of harmful gases
geothermal energy 	Energy made from the heat of the earth's crust
greenhouse gases 	Gases in Earth's atmosphere that trap heat
hydropower 	Power that is generated from moving water such as rivers
solar 	Energy from the sun's rays
turbine 	An engine that turns fluid movement into energy

UPKS2 Geography: Summer Term Energy and Sustainability: How is the world's energy created and used?



Learning Sequence

Lesson 1

What is sustainability?

Lesson 2

How do we produce energy?

Lesson 3

What is special about Curitiba?

Lesson 4

How did Freiburg become more sustainable?

Lesson 5

How will we produce / use energy in the future?

Lesson 6

How sustainable is my community?