



Year 6 Science - Renewable and non-renewable energy (Environmental)

Knowledge and skills Empower You to Succeed

Cronton CE Primary School

Keys to Success

Spring 1



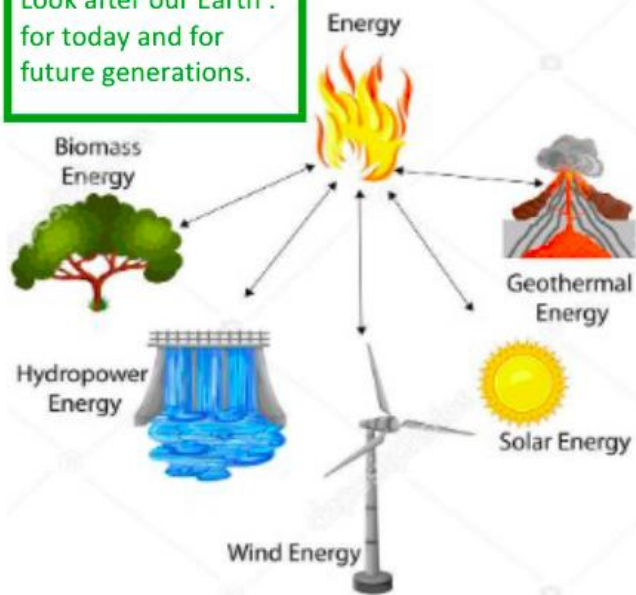
Vocabulary



Knowledge

Renewable Energy

Look after our Earth : for today and for future generations.



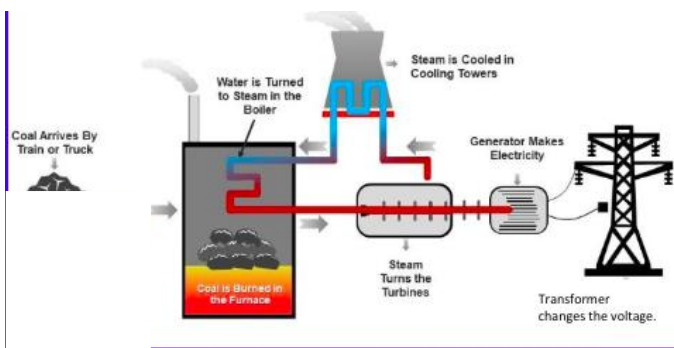
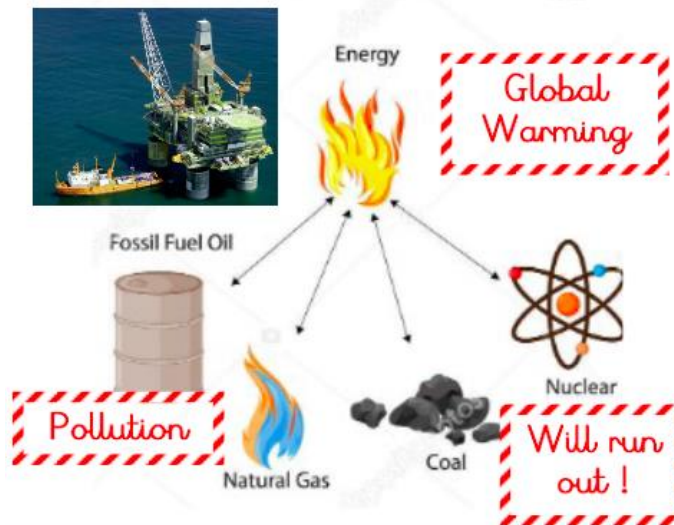
Renewable energy resources won't run out.

They are clean and do not produce any pollutants or green house gases.

Maintenance requirements are lower as solar panels and wind turbines have less moving parts to break, although they are expensive.

Renewables save money in the long term.

Non-Renewable Energy



Non-renewable - cannot be replaced and runs out.

Renewable - can be replaced and don't run out.

Fossil fuels - formed over millions of years by natural processes e.g, oil, coal.

Geothermal energy - produced by Earth's natural heat.

Biomass energy - use of natural materials such as crops, wood and grass to produce energy.

Global warming - gradual increase in the overall temperature of Earth's atmosphere.

Global sustainability - meeting the needs of the present, without compromising future generations.