

Vocabulary

Sustainable: A method of managing or using a resource so that the resource is never used up.

Unsustainable: A method of using a resource so that the resource will eventually run out.

Reusable: Capable of being used more than once.

Solar energy: Sustainable energy generated from sunlight.

Turbine: Sustainable energy generated from wind.

Recycle: Putting materials through a process meaning they can be used again.

Power station: A place where electricity is produced.

Finite: Having a limited number of something.

Infinite: Having an unlimited number of something.

Greenhouse gases: Gasses in the earth's atmosphere that trap heat (e.g. carbon dioxide)

Fossil fuels: A natural substance formed from the buried remains of ancient organisms that can be used as a source of energy

What are solar cookers? How are they improving the lives of people in less developed countries?



Why is the Lapwing bird in danger?



Year 4 Sustainability

Renewable vs non renewable energy

Renewable sources of energy I will study



Solar



Wind



Hydro power

Non-renewable sources of energy I will study



Coal



Natural Gas



Oil



How is sunlight converted into energy?
Is this a renewable option?



How is wind turned into energy?
Is this a renewable option?



How are rivers used to make electricity?
Is this a renewable option?



Oil, coal and natural gasses are also used to make energy.



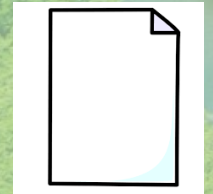
When they are burned, they create greenhouse gas emissions.



These are non-renewable sources of energy. We have a limited supply of them.



How can we make St Agnes more sustainable?



Visit from Biffa recycling team



We will find out from our visitors how we can help reduce, reuse and recycle our rubbish.