

What is ALTERNATIVE ENERGY?

What is Carbon Dioxide?



Carbon dioxide (CO2) is not only one of the most important greenhouse gases, it is found all around us: in the air we breathe; in the air we exhale; in fizzy drinks; in cakes, which rise thanks to the CO2 produced by baking powder; and when organic compounds such as paraffin, paper, wood or petroleum are burned.

In liquid form, it is used in fire extinguishers and as a refrigerant in the food industry (for example to store and transport ice cream). In high concentrations, CO2 can become dangerous for humans and other animals, but it is also the source of life: during photosynthesis, plants use CO2 and light to produce sugar, starch, fats and proteins, as well as the oxygen we need to survive.

What a waste!

Organize the following statements into the correct columns.

Leaving the television on 'stand by'

Filling the bath.

Using energy-saving lightbulbs.

Turning the central heating down one notch.

Wasteful	Energy-saving
(1)	

Leaving the computer on.

Having a shower.

Turning off the lights as you leave a room.

The energy we use in our homes contributes up to a quarter of the carbon dioxide released in the UK!

How do we use energy in our homes?

In the kitchen	In the bedroom	In the living room

Read and print the following reports.

Colour the facts red.
Colour the opinions green.

Street lights across Wales switched off to save money:

20 Sept 2011

http://www.bbc.co.uk/news/uk-wales-14915485

Street lights to go back on in Powys:

24 Oct 2012

http://www.bbc.co.uk/news/uk-wales-mid-wales-20029122

Street lights 'switched off to save money' by councils:

22 Dec 2014

http://www.bbc.co.uk/news/uk-politics-30569215

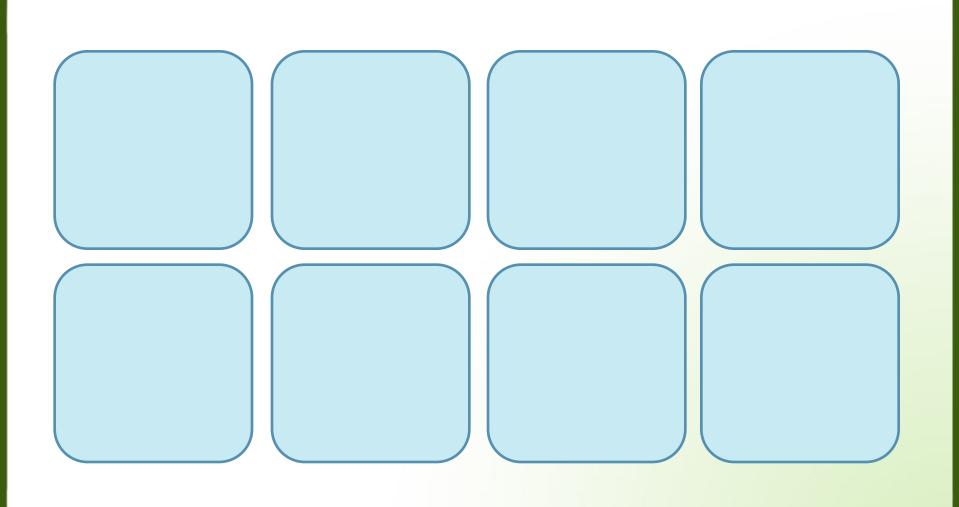
Watch this short film



Lights Out:

https://www.youtube.com/watch?v=29vmepNMN9Y

How can we be more green?



What will happen if we do nothing?

