

TA06B –Teach About

Earth's Nonrenewable Resources

Use with BrishLab ES06B

1- How can cooking food use energy?

Page 1

Para 1



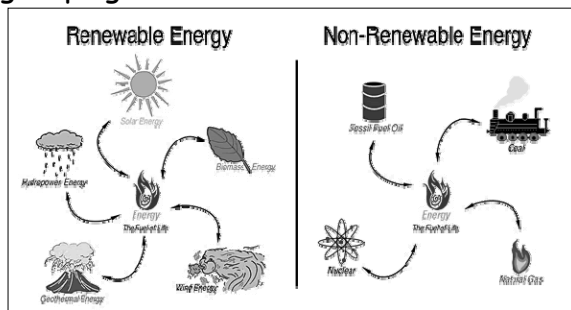
We release energy to cook.

[Image Link](#)

2- What are the two energy groupings?

Page 1

Para 2



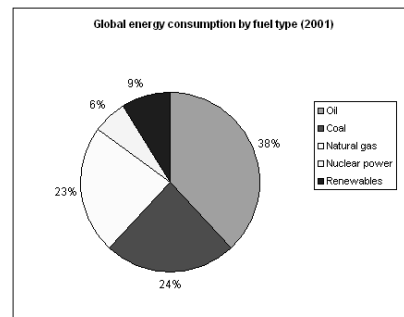
Energy is either replaced in a lifetime (renewable) or not (nonrenewable).

[Image Link](#)

3- List three fossil fuel sources.

Page 1

Para 3



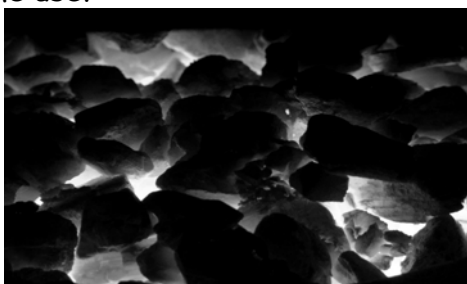
Petroleum, natural gas, and coal make up 85% of the fuel use.

[Image Link](#)

4- Why are nonrenewable resources sometimes called one time use?

Page 1

Para 4



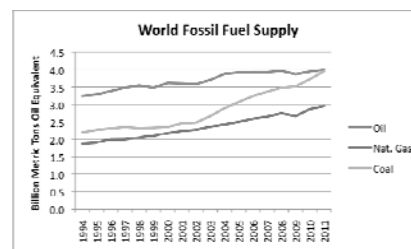
It takes millions of years to form coal, oil and natural gas. Once used, it is gone.

[Image Link](#)

5- What are hydrocarbons and give three examples.

Page 1

Para 7

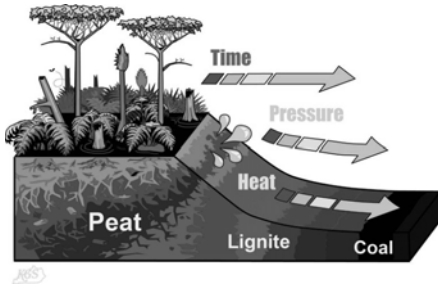


Coal, oil and natural gas fuel our world.

[Image Link](#)

6- How does coal form?

Page 1
Para 8

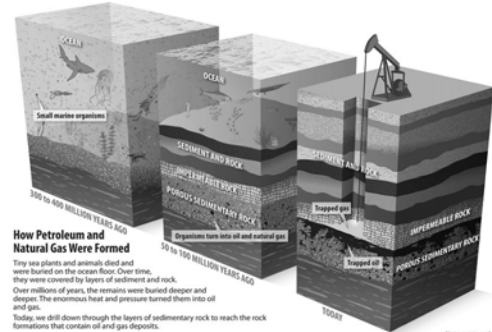


Dead plants and animals are converted into coal by heat and pressure over a long time.

[Image Link](#)

7- How is oil made?

Page 2
Para 9



How Petroleum and Natural Gas Were Formed

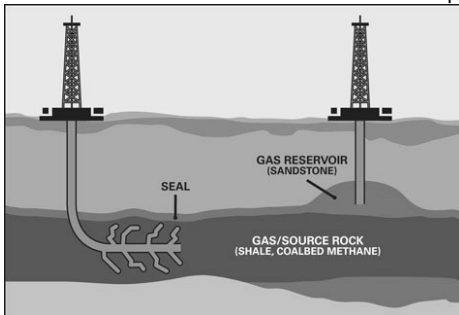
Tiny sea plants and animals died and were buried on the ocean floor. Over time, they were covered by layers of sediment and rock. Over millions of years, the remains were buried deeper and deeper. The enormous heat and pressure turned them into oil and gas. Today, we drill down through the layers of sedimentary rock to reach the rock formations that contain oil and gas deposits.

Small animals in ancient oceans died, were covered by rock and changed into oil.

[Image Link](#)

8- Where is natural gas found?

Page 2
Para 11



Natural gas is found near coal formations.

[Image Link](#)

9- Where does uranium come from?

Page 2
Para 12



Uranium is dug out of the ground and then processed into fuel.

[Image Link](#)

10- How long does radioactive waste remain dangerous?

Page 2
Para 13



Radioactive waste must be stored for thousands of years or more.

[Image Link](#)

Wrap it up: - Show a conservation bumper sticker.



[Image Link](#)