



UNITED ARAB EMIRATES
MINISTRY OF EDUCATION



الإمارات العربية المتحدة
وزارة التربية والتعليم



مؤسسة الإمارات للتعليم المدرسي
EMIRATES SCHOOLS ESTABLISHMENT

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EMIRATES SCHOOLS ESTABLISHMENT

Khalifa City A School - Cycle 1

مدرسة مدينة خليفة أ / حلقة أولى

SCIENCE

UNIT 2 M2 L1 - USING ENERGY

ENERGY FROM NON-RENEWABLE RESOURCES



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NATURAL RESOURCES

Something that is found in nature but valuable to humans

- ❖ Natural resources can be living or non-livings.
- ❖ Example: Air, Water, Sunlight, Soil, Rocks, Minerals, Plants, and animals.



FOREST RESOURCES



MINERAL RESOURCES



OIL RESOURCES



WATER RESOURCES



**WIND AND SOLAR
ENERGY**



NATURAL GAS RESOURCES



LAND RESOURCES



ANIMAL RESOURCES

WATCH VIDEO ABOUT NATURAL RESOURCES



Human, Capital & Natural Resources for Kids | Types of Resources | Kids Academy



Copy link



Watch on  YouTube

TYPES OF NATURAL RESOURCES

RENEWABLE RESOURCES

Natural resources which
can be replaced easily.

NON-RENEWABLE RESOURCES

Natural resources which
are useful to people but
cannot be replaced easily.

METALS

- ❖ Copper
- ❖ Iron
- ❖ Uranium

FOSSIL FUEL

- ❖ Coal
- ❖ Oil
- ❖ Natural gas




WATCH VIDEO ABOUT RENEWABLE AND NON-RENEWABLE RESOURCES



NON-RENEWABLE RESOURCES

- ❖ It takes millions of years to form non-renewable resources.
- ❖ They cannot be replaced easily.

FOSSIL FUELS: It is the source of energy made from the remains of ancient, once living things.

Natural Gas	Petroleum	Coal
		
Composition: Carbon Hydrogen Nitrogen Sulfur Oxygen	Composition: Carbon Hydrogen Nitrogen Sulfur Oxygen Minerals	Composition: Carbon Hydrogen Nitrogen Sulfur Oxygen Minerals

METALS



- People mine metals from the inside of earth surface.
- Copper, iron, silver, gold is present in limited amount inside earth.
- They are used for building and manufacturing.

COAL



- It is the most plentiful fossil fuel.
- It is found between rock layers.
- It is mainly used to make electricity.
- It is used to power the steam engines in locomotives and steamboats.

CRUDE OIL AND NATURAL GAS

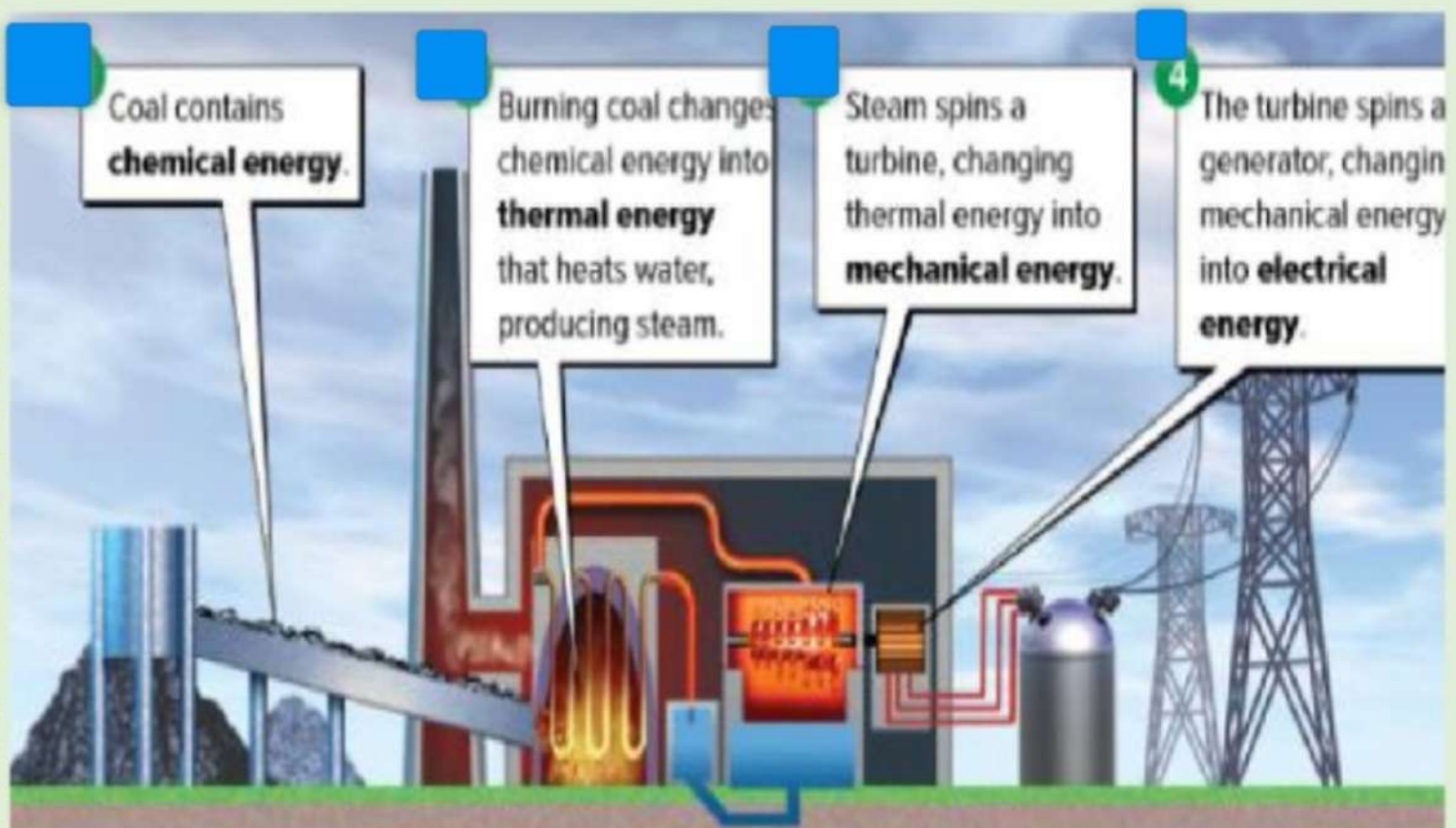


- Crude oil is a thick, black substance that is also called petroleum.
- People drill into rocks to find oil and pump it to the surface.
- Natural gas can be found where oil is found.
- Natural gas is used for cooking and heating our homes.

WATCH VIDEO ABOUT NON-RENEWABLE RESOURCES



TICK ✓ THE NON-RENEWABLE SOURCE IN THE PICTURE



IMPORTANT QUESTIONS:

1. Fossil fuels are

2. How are fossil fuels formed?

3. _____ is pumped out of the ground and can be used for cooking and heating our homes.

4. Which is not a fossil fuel?

5. A material that formed from ancient organisms and is used today as a source of energy is a(n) _____.

6. Which is an example of a nonrenewable resource?

7. Coal is mainly used to generate _____ and has been used to power steam locomotives.

8. Corn, crabs, natural gas, and soybeans are natural resources found in Maryland. Which is a nonrenewable resource?

9. Nonrenewable resources are resources that _____.

10. Coal is a nonrenewable natural resource. Which best describes how humans use coal?



MATCH THE FOLLOWING

fossil fuel

nonrenewable resource

natural resource



LET'S REVIEW



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