

Lesson 3 Fuels

LO: To understand what fuels are

Describe what fossil fuels are	
Explain what non-renewable means	
Name some renewable fuels	

Key word

	A substance that contains a chemical or nuclear energy
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Task 1: Use the words to fill in the gaps

Fuels are stores of _____ or nuclear energy. Coal, _____ and natural gas are called fuels.

They are formed from the remains of plants and _____.

The remains were buried under layers of _____, and took _____ of years to turn into fuel. We use fossil fuels and _____ fuels in power stations to generate

_____. They are _____ fuels

because they cannot be replaced once they are used up. Biofuels are fuels made from _____, wastes from animals or used cooking oil.

They are _____ fuels, because they will not run out.

animals	chemical	electricity	fossil	fuel	millions
non-renewable	nuclear	oil	plants	renewable	rock

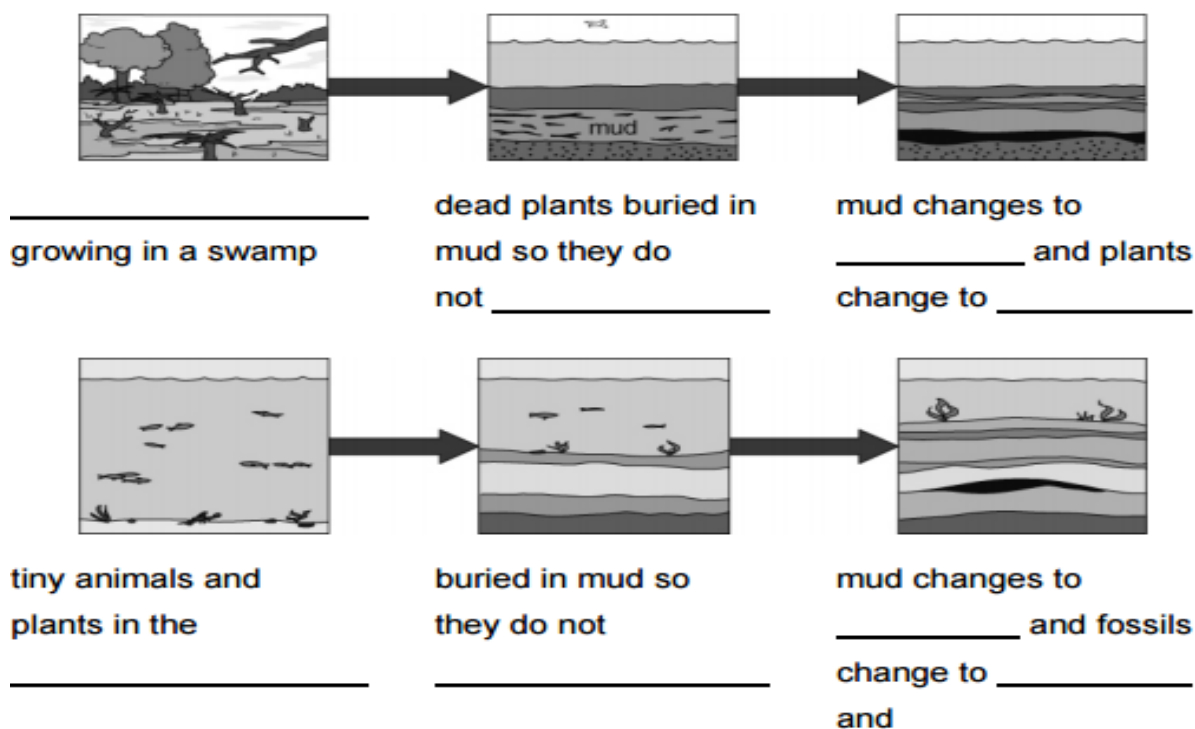
Task 2: List some fuels below

Fossil fuels

Renewable fuels

Non-renewable fuels

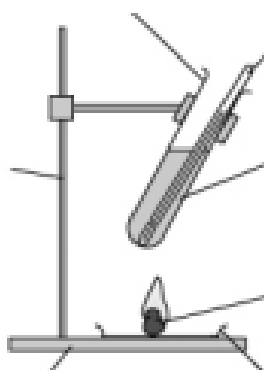
Task 3: How are fuels made?



Aim

To compare the energy released by different fuels.

Diagram



Recording your results

Fuel	Start temperature of water (°C)	Temperature of water after 5 minutes (°C)	Change in temperature (°C)

The best fuel for heating the water was _____

This is because _____
