

## Science: Section 1 - Homework

### Fuels

1. Complete the following paragraph using words from the word list.

Wordlist:- **Oxygen, energy, combustion, heat**

Fuels provide us with \_\_\_\_\_ when they burn.

\_\_\_\_\_ is required for fuels to burn. This is known as \_\_\_\_\_.

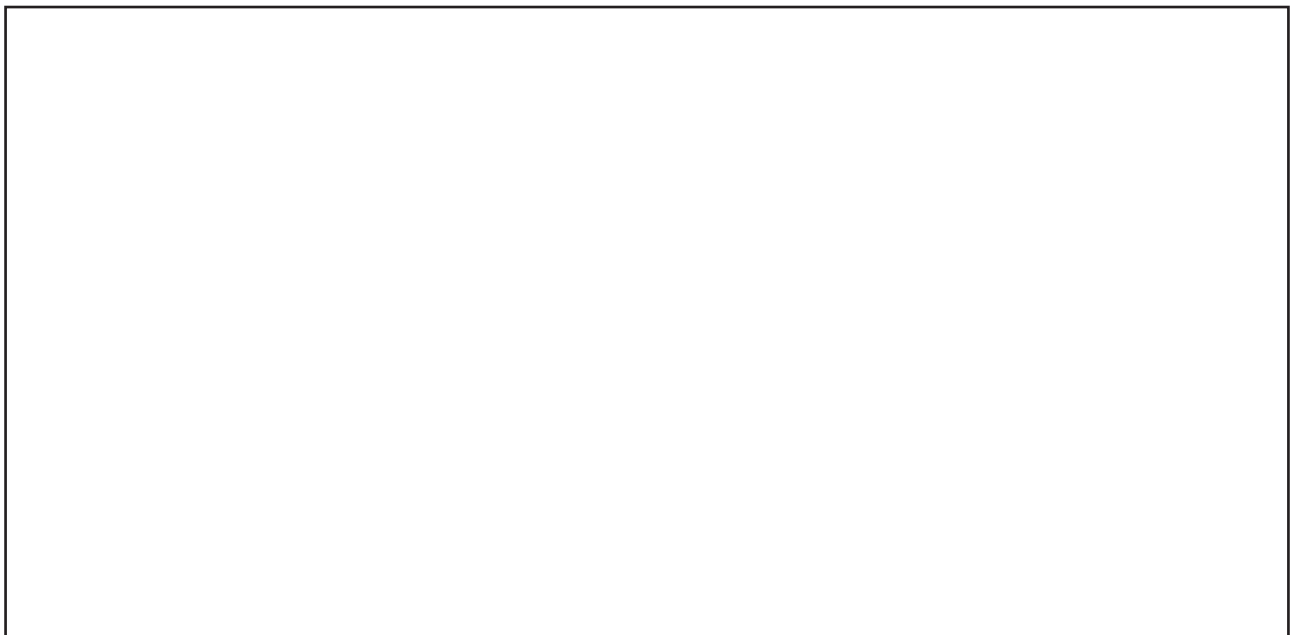
The energy they provide can \_\_\_\_\_ our homes.

(4)

2. All 3 fossil fuels are said to be finite, this means that they are running out and cannot be replaced. The table below shows just how long they may last.

Fossil Fuel	Years Left
Coal	100
Oil	40
Gas	50

Draw a bar graph in the box below using the information in the table. The title for the graph should be 'How long Will They Last?'



(2)

3. Obviously this will have a major impact on our way of life. So scientists are currently developing alternative sources of energy. Below is a list of fuels currently used across the world.

**Hydrogen Oil Biogas Ethanol Coal Biomass Gas**

Complete the table below by putting these fuels under the correct heading.

Renewable Fuel	Non-renewable Fuel

(3)

4. Using your knowledge of fossil fuels, explain why they will eventually run out.

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(1)

**Total (10)**