

How are products from oil obtained and used?

Introduction

You should explain what a hydrocarbon is and that the products of complete combustion of hydrocarbons are carbon dioxide and water. You should explain that energy is also released and then go on to describe how this energy can be used and how we can obtain these hydrocarbons.



Task

We should all know that oil is being used faster than it is being produced. Write a newspaper article or report (include diagrams) to help people to appreciate the number of products that

- What are the alternatives?
- Your article should include the key words below.

are obtained from oil. Produce details of what we might have to do without in the future if oil runs out. You need to include information about how we use these products and the quantities used by an average person - you can make estimates based on your own use.

Give information about how these products are obtained from crude oil.

Key words:

coal, condense, fossil fuel, fractional distillation, fractionating column, gasoline, kerosene, naptha, natural gas, plastics, vapour

Assessed Homework - C2 Material Choices

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What is your target grade? Use this grade ladder to help you reach it.

To get grade	You might have:
E	Showed some knowledge and understanding of some of the products produced from oil and their uses. Stated simply some of the ethical issues to do with reducing oil consumption. Used simple key words correctly. Written your ideas in simple sentences. Used one source of information to predict how long oil will last.
C	Described in detail how oil is formed. Discussed a range of ethical issues to do with using fossil fuels. Discussed some of the benefits and risks of using oil. Used correct units where appropriate. Used most key words correctly. Written your ideas in all your own words, using proper sentences. Used at least two sources of information to find out how long oil is likely to last and details of the products of oil.
A	Described in detail how oil is formed. Discussed in detail a range of ethical issues to do with using fossil fuels. Used all key words correctly and fluently. Used at least two sources of information to find out how long oil is likely to last and details of the products of oil.

Now use the grade ladder to assess your work. Decide on one or two improvement targets to try.