

# PLASTICS FUELS AND CHEMICALS FROM CRUDE OIL

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On behalf of The World Association of Technology Teachers

## W.A.T.T.



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Oil refineries 'refine' oil in massive quantities, to produce the fuels we need. These include diesel, petrol and heating oil. However, some of the raw materials we need to manufacture plastics, are also extracted from oil at the refinery. When crude oil is refined, four percent ends up as raw materials for the production of plastics.

1. Complete the following paragraph, by adding the missing words:

Oil is used widely for the production of \_\_\_\_\_ as it is composed of \_\_\_\_\_ and hydrogen. This is why oil is called a \_\_\_\_\_. Oil and natural gas are the most important raw materials for plastics manufacture. To the plastics industry, \_\_\_\_\_ is the most important \_\_\_\_\_ distilled from crude oil. It is used in the production of a range of plastics.

PLASTICS

HYDROCARBON

NAPHTHA

CARBON

FRACTION

2. Complete the diagram below, by adding the missing information and appropriate sketches representing plastic products.

