Applied Science Transition Work

# Task 1

1. Draw the structure of an alkene and alkane
2. Define the term: intermolecular forces:

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1. Describe and explain how the boiling point changes as hydrocarbon length increases.

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# Task 2

1. Watch the video <https://www.youtube.com/watch?v=PYMWUz7TC3A>
2. Describe the process of fractional distillation

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1. In the form of a table, outline the uses of the fractions in everyday life

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| --- | --- |
| Fraction | Use(s) |
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# Task 3

Evaluate the benefits and drawbacks of using hydrocarbons and other organic materials. Ensure you mention the environmental, economic and social implications.

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Additional space

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