Year Group: 11 Term: One

We are learning:

Crude Oil & Carbon Chemistry

- Hydrocarbons
- Fractional Distillation
- Cracking
- Alkenes – structure and reactions
- Alcohols – structure and reactions
- Carboxylic acids
- Esters
- Polymerisation
- Testing for gases
- Negative and Positive ion tests

How can you support your child:

- Encourage them to make revision posters on each of the sub-topics within the topic of crude oil and Organic Chemistry.
- Encourage them to make cue cards with questions and answers on all the sub-topics with the topic.
- Encourage them to use the notes, videos, and quizzes, on BBC Bitesize.
- Encourage them to use Seneca Learning to supplement and secure their knowledge on the topic.

Try asking them:

- How is crude oil made?
- Explain how fractional distillation works.
- Draw the structure of alkanes, alkenes, alcohols and carboxylic acids.
- How are polymers useful?
- How do you test for the following gases?
    - oxygen, carbon dioxide and hydrogen

Useful Links:

Specification (Combined Science)

Specification (Separate Science)

Senecal Learning

BBC Bitesize (Combined Science)

BBC Bitesize (Separate Science)