

What are we learning about?

This topic will look at how petrochemicals are used in society. This includes where we get many of the materials we see every day; from fuels, clothing, plastics and even DNA!



Why are we learning about it?

This unit looks at the chemistry of carbon. The use of it impacts the planet and we will explore how that happens, why we need it and why we will keep using it until alternatives are found.



What new KNOWLEDGE will I gain?

Extraction and processing of crude oil, fractional distillation, industrial scale chemistry, polymers and hydrocarbons.



Organic Chemistry: Learning Journey

How does this build on the SKILLS I already have?

You already know how the size of a molecule affects its properties, this unit will rely on that along with your skill at interpreting graphs and tables.



What new SKILLS will I develop?

This unit tests your ability to solve problems by drawing chemical structures, evaluate the uses of different materials and building molecules to model new ideas!



How does this build on the KNOWLEDGE I already have?

You already know simple distillation and now we take it further with fractional distillation. We also will look at how covalent compounds behave differently if they have double bonds.