





YFAR 11 What is a functional group & **Organic Kev Questions:** How can we identify a substance as either being pure or a formulation? How can paper chromatography be used to separate coloured **Analysis** substances? How can various gases be identified? Can you identify unknown substances by The completing a series of qualitative Atmosphere

Kev Questions:

How can we identify an

alkane from its properties?

Why is it important to be

able to identify types of

combustion?

what can it tell us?

What does a plastic bag &

DNA have in common?

Key Questions:

How have the proportions

of the Earth's gases

changed over time?

Why have the proportions

of the Earth's gases

changed over time?

What is the importance

of greenhouse gases &

when do they do wrong?

Why should you be

conscious of atmospheric

pollutants?

The

Earth's

Resources

Key Questions: How can we produce potable water from solutions which are not drinkable?

tests

for cations and anions?

How are modern

techniques combined

to identify substances?

What are LCAs & why are they important?

Why is Le Chatelier's principle important in industry?