

Fuels and Energy

- **What is a fuel?**
- **What is the environmental impact of using different fuels?**
- **Which substances can be fuels?**
- **How can we put out a fire?**
- **What is a hydrocarbon?**
- **What is produced when hydrocarbons are burnt?**
- **How can we test for carbon dioxide and water?**
- **What is a fossil fuel?**
- **What are the advantages and disadvantages of different energy sources?**
- **How can we make biofuels?**

Everyday Consumer Products

- **What is a carbohydrate?**
- **What can we use plants for?**
- **What is a fertiliser?**
- **What effects do proteins, essential fatty acids, carbohydrates, oils, vitamins and minerals have on the body?**
- **How can we make alcohol?**
- **How can we make drinks with high alcohol contents?**
- **How can we track quantities of alcohol consumed?**

Plants to Products

- **What is an essential oil?**
- **What products can we make from plants?**
- **How can we find out where an essential oil came from?**
- **What do we use essential oils for?**