

The properties of materials

- What do we use metals, ceramics and plastics for?
- How do the properties of metals, ceramics and plastics relate to their functions?
- How can we make a battery?
- What is the difference between thermoplastics and thermosetting plastics?
- Why are plastics important?
- What novel plastics are being made?
- Which substances are soluble in water and which are not?

Chemical Analysis

- **Where do chemicals come from?**
- **How do we transport chemicals?**
- **How can we find out more about different chemicals?**
- **How can we work safely in a lab?**
- **Where can we find the materials to make plastics, metals and petrol?**
- **How can we find out about chemicals in the environment?**