

Year 5 – Autumn 2 - Chemistry

Properties and changes of materials

We are learning about:

- **the properties of materials** (to be able to compare and group together everyday materials based on evidence from comparative and fair tests, including their conductivity (electrical), and response to magnets)
- **changes that result in new materials** (to be able to compare and group together everyday materials based on evidence from comparative and fair tests, including their conductivity)

We are learning to:

- **plan a fair test** (to be able to plan a scientific enquiry that will answer a question. To be able to recognise control variables when planning a fair-test).
- **make predictions** (to be able to use test results to make predictions to set up further comparative and fair tests).
- **use my results to draw conclusions** (to be able to give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic. To be able to use test results to make predictions to set up further comparative and fair tests.)

Key Vocabulary

Fair Test

Change of state

Solution

Conduct

Transparent