

## Unit Overview – Matter 2

Target grade for tests: .....

### You will learn about:

- Periodic table
- Elements
- Compounds
- Balancing equations

### Skill focus:

- Interpreting graph to identify trends

### Key Words

Particle  
Atom  
Mixture  
Element  
Compound  
Periodic table  
Periods  
Groups  
Chemical formula  
Transition metals  
Malleable  
Ductile  
Brittle  
Conductor  
Alkali metals  
Halogens  
Noble gases

#### Key learning points

Describe the periodic table  
Identify within the periodic table: metals, non metals, group 1, group 7, group 0.  
Describe groups and periods within the periodic table  
Describe properties of transition metals  
Describe properties of elements based on their position within the periodic table  
Describe the difference between: element, mixture and compounds  
Construct chemical formula  
Name compounds  
Create and balance chemical equations  
Identify the state symbols

#### Links to other subjects:

##### Maths and geography

- Identifying patterns in data

##### Numeracy

- Drawing and interpreting graphs
- Reading a scale and recording measurements

##### Literacy

- Construct descriptions and explanations.