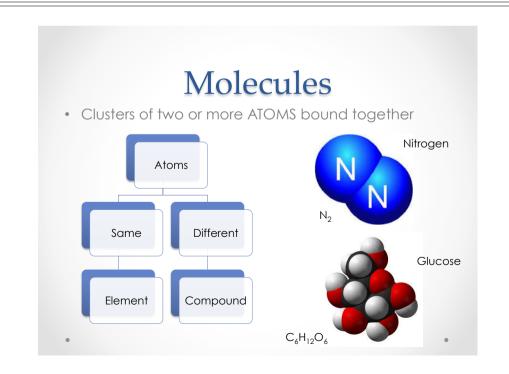
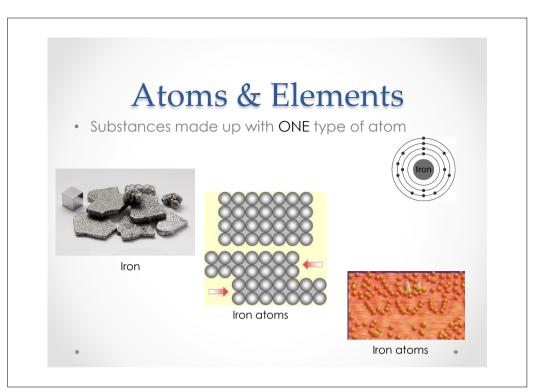
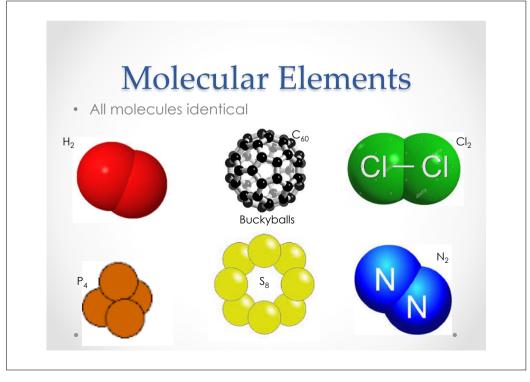
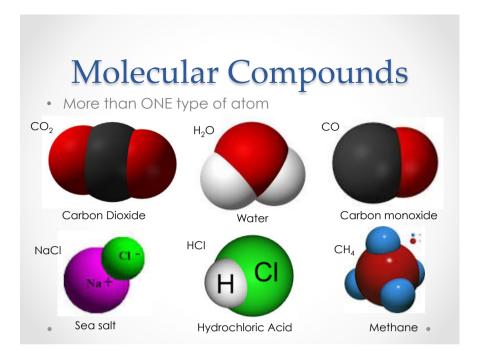
Atoms, Molecules, Elements, Compounds and Mixtures

Year 8 Chemical Sciences









Activity 9

- Take out notebooks
- Place the heading "Mixtures & Compounds"
- Write the AIM
 - o To study how the properties of iron and sulfur are affected by:
 - 1. Mixing them together
 - 2. Heating the mixture strongly
- Draw a table in your notebook with the following headings to recode your observations

Substance	Appearance	Magnetism
Iron		
Sulfur		
Iron & Sulfur Mixture		
Iron & Sulfur after Heating		

Mixtures

- Made from different substances that are NOT chemically joined
- Each substance keeps its own properties
- Each substance is easily separated from mixture











Activity: Place a heading 'Mixtures' in your notebooks In **groups of 2 or 3** grab a box of rocks and record your observations as notebooks.

Describe the colour, shape and size of each type of rock present Separate some of the rocks into piles of the same type of rock Has the colour, size and shape of the rocks changed? Record your answers

Discuss in your groups how you could combine the rocks to make a compound.

Think about if they would still have the same colour, shape and size