

“Chemical Changes and Structure” – Traffic Lights

How can we recognise a chemical reaction?

What are the three ways that we can change the rate of a chemical reaction?

What is a catalyst?

What energy changes happen in Chemical Reactions?

What is inside an atom?

How are electrons arranged in an atom?

Why do atoms form bonds?

What is a covalent bond?

What shapes are molecules?

What is an ion?

What is an ionic bond?

What is an ionic lattice?

What is a metallic bond?

How can we write down a chemical reaction?

What is valency?

How can we write down a chemical formula from a name with prefixes?

How can we write down a chemical formula from a name without prefixes?

What is a relative atomic mass?

How can we work out the formula mass of a substance?

What happens to mass during a chemical reaction?