

“Chemicals” – Traffic Lights

What are the three signs that a chemical reaction has happened?

What types of energy can chemical energy be converted into?

What is an element?

How do elements get their names?

Which elements are liquids and gases at room temperature?

Which elements are metals and which are non-metals?

How can we tell the difference between metals and non-metals?

What is the number of each group (column) of elements?

Which groups are the alkali metals, halogens and noble gases?

What happens when alkali metals are added to water?

What is the order of reactivity of the alkali metals (most to least reactive)?

Why are the noble gases called “noble”?

What is the difference between a compound and a mixture?

How can we write down what has happened during a chemical reaction?