

Science KS3 Assessment Framework

	Beginning Grade 1	Working Towards Grade 2-3	Expected Grade 4-5	Exceeding Grade 6-7	Excelling Grade 8-9
	I can:	I can:	I can:	I can:	I can:
Metals & Non-Metals	Know where metals and non-metals are found on the periodic table	Name 3 magnetic elements	describe the properties of metals and non-metals	describe a metal-acid reaction with a word equation	Identify and explain the product formed by the oxidation of metals
	State the meaning of the reactivity series	State what is formed when a metal reacts with an acid	Compare the reactions of different metals with dilute acids	Use results from displacement reactions to produce an order of reactivity	Explain why a displacement reaction may or may not occur
	State that oxides contain oxygen	State what is formed when metals react with water	Compare the reactions of different metals with oxygen	describe some methods to prevent rusting	Explain why some metals react with steam but not water.
		Predict the name of the product when a metal reacts with oxygen	State that metal oxides are basic and non-metal oxides are acids	I can explain the different physical and chemical properties of metal and non-metal oxides	Draw a particle diagram to represent an oxidation reaction
		Write a word equation for a metal + oxygen reaction		Describe a reaction that gains oxygen as an oxidation reaction	