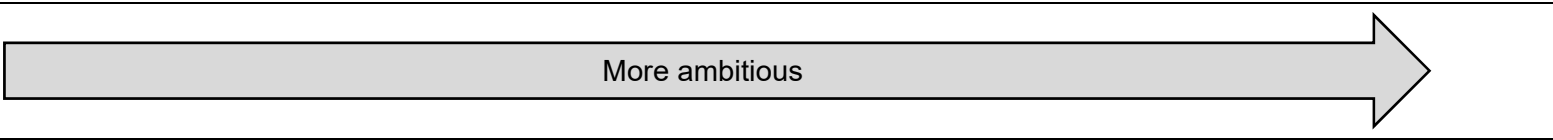


We will learn: Acid and Alkali

Element			
1. Knowledge: Acid and Alkali	Sort chemicals into acids and alkalis	Describe some properties of acids and alkalis	Describe the difference between a concentrated and a dilute acid
2. Knowledge: Making an Indicator	Work safely to produce an indicator using red cabbage	Use my indicator to check an unknown substance	Create a colour scale to show different strengths of acid and alkali
3. Knowledge: Indicators and pH	Use the pH scale to identify acids and alkalis	Identify strong and weak acids and alkalis and also neutral solutions	Link the pH of acids to acid particle concentration
4. Knowledge: Neutralisation	Give an everyday example of neutralisation	Write a word equation to show a neutralisation reaction	Explain why neutralisation is useful
5. Knowledge: pH of soil	Match plants to types of soil that they grow best in	Explain how farmers and gardeners find out about the pH of their soil	Describe how soil pH can be adjusted
6. Skills: Making salts	Explain how to make a salt and get it from its solution	State what a salt is and how it is formed	Predict which salts are produced when different alkalis and acids react together
Knowledge: Assessed Task	Describe who an antacid tablet works	Describe the reaction between an acid and an alkali using the idea of acid particles	Use word equations and accurate particle diagrams