**8C3 Acids and alkalis**

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| Year 8: Chemistry –Acids & alkalis | What are acids & alkalis? | I can describe the taste of acids. |  |
| I can identify some everyday uses of acids. |  |
| I can describe how acids found at home are less hazardous than those used in laboratories. |  |
| I can compare the positive and negative effects of acids in the home and environment. |  |
| How can we measure if something is acid or alkali? | I can describe what indicators are giving examples. |  |
| I can use a variety of indicators to measure if a substance is an acid, alkali or mixture, and with some indicators its approximate pH. |  |
| Neutralisation | I can define neutralisation. |  |
| I can give examples of useful neutralisation reactions. |  |
| I can carry out a neutralisation reaction that results in pH 7. |  |
| I can write word equations for neutralisation reactions. |  |
| Working safely with acids & alkalis | I can produce my own natural indicator. |  |
| I can use my indicator to measure the pH of some common substances. |  |
| Concentrated & dilute acids | I can explain the difference between dilute and concentrated solutions. |  |
| I can describe some everyday dilutions. |  |
| I can use observations from a practical to identify concentrated and dilute solutions. |  |
| Using acids to establish reactivity | I can complete some word equations for reactions involving acids. |  |
| I can use reactions of metals with acids to create a reactivity series. |  |
| I can test a gas for hydrogen. |  |