

Chemistry 4

Science

Statement code no. 12

Student:

Class:

At Junior Certificate level I can:

Apply my knowledge of the applications of Chemistry

Date Commenced: / /

Date Awarded: / /

Learning Targets I can...

- | | |
|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| 1 Test solutions and classify these as acidic, basic or neutral | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 2 Investigate the pH of a variety of materials using a pH indicator | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 3 State the names and formulae of three laboratory strong acids and bases | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 4 Carry out an experiment to show that salt and water are produced when an acid neutralises a base | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 5 Name the compounds that cause hardness in water and outline a simple test for hardness in water | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 6 Describe the process of water treatment and give a reason for each step | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 7 Recall the formula for water and investigate this using electrolysis | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 8 Draw the structure of an atom | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 9 Complete a table describing protons, neutrons and electrons under the following headings: charge, location and mass | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 10 Give two differences between ionic and covalent bonding | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |

Refer also to: Art, Home Economics, Personal and Social Development, Physical Education, Maths

Work begun



Work in progress



Work completed

