

# Chemistry 1

## Science

Statement Code no: 7

Student:

Class:

At Junior Certificate level the student can:

### Recognise different substances and carry out separation techniques

Date Commenced: / /

Date Awarded: / /

#### Learning Targets - This has been demonstrated by your ability to:

- |  |  |
|--|--|
| 1 Follow instructions with accuracy and care   | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 2 Perform an experiment to demonstrate knowledge of the three states of matter                                     | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 3 Perform an experiment to show the solubility of substances in water  | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 4 Separate mixtures using filtration   | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 5 Separate mixtures using evaporation  | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 6 Separate mixtures using distillation   | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 7 Separate colours using paper chromatography  | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 8 Grow crystals using alum or copper sulphate  | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 9 Use litmus or a universal indicator to test a variety of solutions and classify these as acidic, base or neutral | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 10 Investigate the pH of a variety of materials using the pH scale   | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |

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

Work begun    | Work in progress    | Work completed