

The Non-Living Environment

Science

Statement Code no: 1

Student:

Class:

At Junior Certificate level the student can:

Describe the characteristics and structures of different materials and explain how they change under different conditions

Date Commenced: / /

Date Awarded: / /

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

- | | | |
|----|--|--|
| 1 | Follow instructions promptly and carefully | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 2 | Do an experiment to change ice to water, water to ice, water to steam and steam to water | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 3 | Draw a labelled diagram of a thermometer. Use a thermometer to measure and record | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 4 | Do an experiment to find suitable liquids which will dissolve different solids | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 5 | Separate mixtures using filtration, evaporation and distillation | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 6 | Name some common acids, alkalis and neutral substances and use simple indicators to show the difference between them | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 7 | Place some household liquids correctly on a pH chart | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 8 | Name six different metals. Describe them and say how each one is used in everyday life | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 9 | Draw the fire triangle. Name the different fire types and say how to extinguish each type. List the safety rules for dealing with fire | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 10 | Draw and label a diagram of the water cycle. Describe how water is treated to make it safe for drinking | <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