

Physics 1

Science

Statement Code no: 6

Student:

Class:

At Junior Certificate level the student can:

Understand the concept of measurement of Force, Energy and Heat

Date Commenced: / /

Date Awarded: / /

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

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| 1 | Measure length, area, mass and time using the correct instruments | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 2 | Measure the volume of regular and irregular objects | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 3 | Perform an experiment to show that the air has mass and occupies space | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 4 | Investigate examples of friction and the effects of lubricants using practical everyday examples | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 5 | Name six sources of energy | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 6 | Classify sources of energy into renewable and non-renewable | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 7 | Investigate experimentally the expansion of solids, liquids and gases when heated | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 8 | Use a thermometer to measure and record different temperatures | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 9 | Carry out experiments that involve changes of state: from solid to liquid and liquid to solid, and from liquid to gas and gas to liquid. | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 10 | Identify six examples of energy conversion from everyday experience | <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