

Physics 3

Science

Statement code no. 19

Student: _____

Class: _____

At Junior Certificate level I can:

Apply my knowledge of Energy and Energy Conversions

Date Commenced: /

Date Awarded: /

Learning Targets I can...

- | | |
|---|--|
| 1 Define work in scientific terms and state its unit of measurement | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 2 State the difference between work and power and name the unit of measurement of power | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 3 List 7 different types of energy and give an everyday example in each case | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 4 Give 3 examples of energy conversions in the home and name the energy types involved | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 5 Trace energy conversions back to their primary source | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 6 Show by experiment the conversion of chemical energy to electrical energy to heat energy | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 7 Show by experiment the conversion of electrical energy to magnetic energy to kinetic energy | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 8 Show by experiment the conversion of light energy to electrical energy to kinetic energy | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 9 List three energy sources and give one advantage and disadvantage of each | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| 10 Give 3 examples of how energy could be conserved in the home | <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

