

Technology and Society

Technology

Statement Code no: 3

Student:

Class:

At Junior Certificate level the student can:

Display a basic knowledge of the effects of developments in technology on society

Date Commenced: / /

Date Awarded: / /

Learning Targets: Select any 5 objectives to work on

- This has been demonstrated by your ability to:

- | | |
|---|--|
| 1 A brief history of technological developments since the Industrial Revolution | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| (a) State the differences between technology now and during the time of the Industrial Revolution | |
| (b) Identify one advantage and one disadvantage of these changes to today's society | |
| 2 The effects on the environment of technological development | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| (a) State two positive effects of technological development on the environment | |
| (b) State two negative effects of technological development on the environment | |
| 3 Technology and Agriculture | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| (a) List two machines used in agriculture today | |
| (b) List two positive and two negative effects of technology on agriculture | |
| 4 Technology and Social and Cultural Development | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| (a) List two effects technology has had on social and cultural development | |
| (b) Identify two advantages and two disadvantages technology has had on social and cultural development | |
| 5 Technology and Labour | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| (a) List two effects technology has had on labour | |
| (b) Identify two advantages and two disadvantages of these effects | |

Work begun | Work in progress | Work completed

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- 6 The technology gap between the first and third worlds**
- (a) List two differences between technology in the first and third worlds
- (b) Identify two advantages and two disadvantages of technological developments in the first and third worlds
- 7 Technology and Industry**
- (a) List two aspects of technology in industry
- (b) Identify two advantages and two disadvantages of technology for industry
- 8 Technology in the Home**
- (a) List two aspects of technology in the home
- (b) Identify two advantages and two disadvantages of technology in the home
- 9 Food Technology**
- (a) List two aspects of food technology
- (b) Identify two advantages and two disadvantages of food technology
- 10 An aspect of the history of design**
- (a) In the case of two products, identify the design changes that have occurred over the years
- (b) Identify two advantages and two disadvantages of these changes on the products

Refer also to: English, Art, Maths, Materials Technology: Metal, Materials Technology: Wood, Technical Graphics, Science

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