

PRINCIPAL LEARNING LEVEL 2

ENGINEERING

Innovation, Enterprise and Technological Advance

F555

PRODUCT LIST

JANUARY AND JUNE 2010



INSTRUCTIONS FOR PRESENTERS

- Learners should be provided with a copy of the product list together with the model assignment or the centre adapted model assignment.

WHEN COMPLETING THE ASSIGNMENT

- All assessment evidence must be produced under **controlled conditions** so that the overall level of permit control secures validity and reliability, provides good manageability for all involved and allows teachers to authenticate the work confidently.
- Further guidance on **controlled conditions** is provided within the OCR Principal Learning Handbook.
- Learners should be allowed 60 guided learning hours (glh) to complete all of the tasks. The amount of time may vary depending on the nature of the tasks and the ability of individual learners. It is suggested that evidence is produced in several sessions.
- Each learner must produce individual and authentic evidence for each task within the assignment.
- This document consists of **2** pages. Any blank pages are indicated.

In this unit you will understand the importance of the development of new ideas and how new ideas are intellectually protected.

You will understand the ways in which businesses benefit and profit from new ideas and the way in which new ideas and developments effect technological change in the home, businesses, the economy and society.

Select a product from the list of products as a starting point for the activity in task 1.

In relation to the product you have chosen you will detail and justify how creativity and innovation benefit:

- The home
- Businesses
- The economy
- Society

For the product you have chosen you will detail and justify how ideas and new developments are protected and what this means in real terms for example 'intellectual property'

List of products for F555	
Calculator	Lawnmower
Dehumidifier	Mobile phone
Digital camera	Motor car
Electric kettle	Motor car engine
Electric toaster	Surgical appliance
Electronic door locking system	Tumble dryer
Personal Music Player (iPod, MP3)	Washing machine
Laser printer	Wristwatch

You will record all your research, findings, observations, analysis and individual conclusions in a workbook.



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