

AN ROINN OIDEACHAIS AGUS EOLAÍOCHTA

Leaving Certificate Applied 2002

Technology

TERMINAL EXAMINATION PRACTICAL (40% OF TOTAL MARKS)

SUMMER 2002

DESIGN BRIEFS

The Design Briefs for the 2002 Certificate Examinations are given overleaf.

THE ASSIGNMENT MUST BE COMPLETED BY THE 31ST MAY 2002

GENERAL DIRECTIONS TO CANDIDATES

- Students should select **one** of the briefs given below and carefully analyse it, prior to design and manufacture.
- The completed assignment will include a design folder and will be presented for assessment clearly identified with your examination number.
- Presentation and finished appearance of both folder and product are important.
- The assignment must be executed in the school under the direction of the teacher. If any aspect of the assignment is completed at home it must be with the knowledge and permission of the teacher.
- Assignments submitted for assessment must be the candidate's own work. Where an assignment includes a specialised process not performed by the candidate but necessary for the completion of the assignment, reference must be made to such work in the Design Folder.
- Each candidate will attend an interview with the examiner in order to discuss the assignment. Duration of interview 10-15 minutes.
- The assignment must be completed by **31st May 2002**.

TECHNOLOGY DESIGN BRIEFS

Design and Manufacture Module

Design and make a storage unit or rack to hold kitchen utensils, e.g. large knives, soup ladle, fish slice etc.

Water Technology Module

Design and make a water feature/display for a room in your home. Your design should contain a water pump to circulate the water.

Electrical understanding and basic Electronics Module

Design and make a hall table lamp for your home.

OR

Design and make a simple doll's house, to include two rooms with a light switch in each room.

NOTE: Use 6 Volt or 9 Volt battery supply only.

INFORMATION FOR EXAMINATION CANDIDATES

A model of the design process is shown below. It is recommended that you follow the logical sequence of the design process and that evidence of these stages is reflected in your design folder.

