LEAVING CERTIFICATE APPLIED 2008

Technology

TERMINAL EXAMINATION PRACTICAL (40% of TOTAL MARKS)

Summer 2008

DESIGN BRIEFS

General Directions to Candidates

1. Select one project from the list of design briefs given overleaf.

2. Projects submitted for assessment must be the candidate’s own work, executed in the school under the supervision of the teacher. Each candidate must submit a separate, distinct project.

3. The executed project should be accompanied by a design folder, which should include:
   - analysis of the selected brief
   - investigation and research related to the proposed solution
   - development of design ideas
   - sketches, notes and working drawings of the selected solution
   - evaluation and conclusion.

4. Finished projects and folders should be available for assessment by the 30th of May 2008.

5. The candidate’s examination number should be clearly written on the executed project and folder.

6. Project work is assessed by the candidates attending for interview on a date specified by the State Examinations Commission, usually in early June. Duration of interview 10 – 15 minutes.
Technology Design Briefs

Design and Manufacture

Play-school games help to develop tactile skills in children.

- Design and manufacture a freestanding interactive game/toy suitable for a child in a play-school. The game/toy should be appealing to the age group of children attending play-school and must comply with all health and safety regulations.

Water Technology

The sound of flowing water has a soothing effect on people as they wait in reception areas/foyers of public buildings.

- Design a suitable water feature for the foyer of a library. The design should reflect the activity of the library and should include an integral pump.

Electrical Understanding and Basic Electronics

Young children sometimes find it difficult to go to sleep in the dark.

- Design and make a wall-mounted lamp based on an “Olympic Games” theme.

    OR

- Design and make a novelty nightlight for a child’s bedroom that automatically lights up as it gets dark.

(All electrical fitting and connections must comply with current safety standards.)