Candidate Forename			Candidate Surname			
Centre Number			Candidate Number			

OXFORD CAMBRIDGE AND RSA EXAMINATIONS ADVANCED SUBSIDIARY GCE

F521/02 DESIGN AND TECHNOLOGY

Advanced Innovation Challenge

SESSION 3 – REFLECTION TEST

TUESDAY 19 MAY 2009: Morning DURATION: 1 hour

SUITABLE FOR VISUALLY IMPAIRED CANDIDATES

Candidates answer on the question paper.

OCR SUPPLIED MATERIALS:

None

OTHER MATERIALS REQUIRED:

Candidates completed Practical Assignment Booklet

READ INSTRUCTIONS OVERLEAF

INSTRUCTIONS TO CANDIDATES

- Write your name in capital letters, your Centre Number and Candidate Number in the boxes on the first page.
- Use only black ink. Pencil may be used for graphs and diagrams and sketches only.
- This paper contains two questions you are to answer <u>BOTH</u> questions.
- You are advised to spend 30 minutes on each question.
- Read each question carefully and make sure that you know what you have to do before starting your answer.
- Write your answer to each question in the space provided.
- You may use annotated sketches to support your written answer.

INFORMATION FOR CANDIDATES

- The number of marks for each question is given in brackets [] at the end of each question or part question.
- The total number of marks for this paper is <u>20</u>.
- YOU SHOULD HAVE THE PRACTICAL ASSIGNMENT BOOKLET THAT YOU PRODUCED IN SESSIONS 1 AND 2 TO ASSIST YOU DURING THIS PAPER.

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Answer BOTH questions in the space provided

1 Reflect on the product you have designed.

The council have short listed your idea. Prepare a presentation to sell your idea to the organisers who are considering its viability.

You should include:

- Information on your market and how you would target and engage them.
- The unique selling points of your product.
- Modifications that could be made to your design to make it more economically viable to produce the batch required for the event.

		[4 V.
		[10]

2 Reflect on the product you have designed.

Sustainability is an increasingly important issue for any designer, and the organisers are keen to raise environmental awareness among young people. Prepare a discussion on these environmental and social issues.

You should include:

 Modifications you would make to your product to make it more environmentally friendly/sustainable.

Consideration of the Life Cycle Analysis of your

 Consideration of materials and manufacturing techniques that could be used.

proc	duct.		

		[4 V.
		[10]



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