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School code

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School name

Given name/s

Family name

Attach your  
barcode ID label here

External assessment 2022

Question and response book

# Design

## Time allowed

- Planning time — 15 minutes
- Working time — 120 minutes

## General instructions

- Answer the question in this question and response book.
- Respond using black ink pen, black felt-tip pen, 2B pencil, and coloured pencils or pens.
- Planning paper will not be marked.

## Section 1 (34 marks)

- 1 extended response question

## Section 1

### Instructions

- Refer to the stimulus book.
  - Represent your design work on the four A3 response pages provided in the folio. If you need more space for a response, use an additional response page.
    - Number your response pages in the order in which they should be read.
    - Cancel any incorrect response by ruling a single diagonal line through your work.
    - Write the page number of your alternative/additional response, i.e. See page ...
    - If you do not do this, your original response will be marked.
    - All used response pages must be returned in your folio at the conclusion of the assessment.
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### QUESTION 1 (34 marks)

Use the stimulus and circular design methods to reduce the waste of equipment and improve the sustainability of a sporting club.

Your response should show application of the develop phase of the design process. Devise ideas, and refine these based on your evaluation using the design criteria, to propose a design concept.

Use sketches and annotations to represent your ideas and design concept.

**DO NOT WRITE ON THIS PAGE**

**THIS PAGE WILL NOT BE MARKED**