LUI

School code

School name

Given name/s

Family name

External assessment 2022

# Design

#### Time allowed

- Planning time 15 minutes
- Working time 120 minutes

#### **General instructions**

- Answer the question in the 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



Attach your barcode ID label here

# Question and response book

## 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.
- Type 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.

## **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



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Do not write outside this box.