



Oxford Cambridge and RSA

GCSE (9–1) Design and Technology

J310/02, 03 Iterative Design Challenge

Non-examined assessment (NEA) task

To be given to candidates on or after 1 June 2021.

Valid for certification in 2022.



INSTRUCTIONS

- Choose **one** contextual challenge.
- Write your own design brief in response to your chosen contextual challenge.
- Your portfolio of evidence must be your own work.

INFORMATION

- The total mark is **100**.
- This document has **2** pages.

Contextual Challenges

You should explore the contextual challenges given below to choose **one** of the set challenges.

Recognising that all design and technology practice takes place within contexts which inform outcomes, you should explore the context of your chosen challenge to identify problems and opportunities that offer possibilities when writing your own design brief.

You must create a portfolio to support the iterative process of developing your design solution. The portfolio must deliver:

- a chronological account of your design process
- photographs and videos of your final prototype(s) that clearly demonstrate your practical outcome.

The challenges **must not** be altered.

EITHER

- | | |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Home exercise | Regular physical exercise is important and not everyone can visit gyms or go out to exercise classes.
Explore the role of design in creating or promoting opportunities for physical activity at home. |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

OR

- | | |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2. Educational play | Children of all ages often learn new things when doing something they enjoy.
Explore the role of design in creating products or environments that enable learning through play. |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

OR

- | | |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3. Eating outside | Enjoying food with family and friends outside in the fresh air can help improve your physical and mental wellbeing.
Explore the role of design in extending opportunities to eat outdoors. |
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