

GCE AS
DESIGN AND TECHNOLOGY:
PRODUCT DESIGN
B602QS
Summer 2022 examinations

Component 1	Design and technology in the 21 st Century	Monday, 16 May 2022
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Advance Information

General information for students and teachers

This advance information provides the focus of the content of the Summer 2022 examination paper.

It does not apply to any other examination series.

It is intended to support revision.

It may be used at any time from the date of release.

It must not be taken into the examination.

Subject information for students and teachers

A guidance document on advance information has been produced by The Joint Council for Qualifications (JCQ) on behalf of all awarding organisations. It can be found [here](#).

This advance information covers Component 1 only. There is no advance information for Component 2 NEA.

Advance information is not provided for questions assessing the use of mathematical skills.

The content is shown in specification order not in question order.

The structure of the paper remains unchanged.

The aim should still be to cover all specification content in teaching and learning. Students can be credited for using relevant knowledge from other content areas when answering questions. Also, content not included in the list may still be assessed in low tariff and synoptic questions.

The following areas of content are suggested as key areas of focus for revision and final preparation, in relation to the Summer 2022 examination for **Product Design**.

	Content
1	Designing and innovation Research techniques. Quantitative and qualitative testing. Ergonomics and anthropometrics.
2	Materials and Components Working characteristics of materials: physical, chemical and composite.
4	Product analysis and systems Trends, styles, new technical capabilities, and social, moral, political and ethical influences on the design, production and purpose of products. Intellectual Property and International Standards.

End of advance information