



GCE AS

B601U20-1

B602U20-1



1 JUNE 2023

DESIGN AND TECHNOLOGY

AS Component 2

Contextual Challenge

Duration approximately 35 hours

**AVAILABLE ONLY TO CANDIDATES ENTERING THE WJEC-EDUQAS
QUALIFICATION ACCREDITED BY OFQUAL**

A defining feature of design and technological activity is that it is context dependent, as are the outcomes of such activities.

The role of the contextual challenge is to provide an external stimulus for learners, from which they will explore and clarify design problems and opportunities. This will lead to the development of their own design briefs, which will inform and direct their designing and making activities.

Learners will be assessed on their ability to analyse and respond to contexts, rather than their knowledge of specific contextual areas.

Learners are required to select **one** of the following contexts as the basis of their design and make task:

Effective sustainable design

The media constantly reports the impacts of climate change and the need for humans to reduce the damage we are causing. Yet our use of non-renewable materials continues to soar.

Identify a product/s which could benefit from the use of a more sustainable material and produce a creative sustainable alternative.

A healthy lifestyle

The concept of a 'healthy lifestyle' is increasingly important to consumers of all ages. Create an innovative product that has been designed to support a healthy lifestyle for a specific user group.

Positives and Negatives

Technological advancements promote improved products, like smart phones, and these have many benefits to the users. However, these advancements can also bring shortcomings. Investigate the use of modern products and identify a specific issue/s that occurs when they are used. Design and produce an innovative solution to limit / prevent these shortcomings.

Centre information for 2023–2024

- After June 1st, teachers are free to decide when to share the contextual challenges with their learners.
- There are no restrictions or adaptations applied to this NEA from previous years.