

# GCSE Technology and Design Specification Addendum

## Exceptional Assessment Adaptations (for 2021–2022)

**This addendum should be used in conjunction with the current specification**

The table below shows the units available for Summer 2022 cash in and details where applicable:

- the unit eligible for omission; and
- any temporary adaptations that have been made due to public health restrictions.

**Please note: This applies only to candidates who started their GCSE course in September 2020 and are cashing-in at qualification level in Summer 2022**

Content	Assessment	Weightings	Assessment Adaptations 2021–2022
<b>Unit 1: Technology and Design Core Content</b>	External written examination  1 hour 30 mins  Students answer <b>10</b> questions from a core area of study.	25%	This unit will be <b>eligible</b> for omission for candidates cashing in for the qualification level grade in Summer 2022.  This unit will still be available for any candidates wishing to be assessed in all units.

Content	Assessment	Weightings	Assessment Adaptations 2021–2022
<p><b>Unit 2: Optional Areas of Study</b></p>	<p>One of three optional written examinations</p> <p>1 hour 30 mins</p> <p>Students choose <b>one of three</b> options:</p> <ul style="list-style-type: none"> <li>A. Electronic and Microelectronic Control Systems; or</li> <li>B. Mechanical and Pneumatic Control Systems; or</li> <li>C. Product Design.</li> </ul> <p>Students should select the option that reflects the area of Technology and Design they have studied.</p>	<p>25%</p>	<p>No changes.</p>

Content	Assessment	Weightings	Assessment Adaptations 2021–2022
<p><b>Unit 3: Design and Manufacturing Project</b></p>	<p>Controlled assessment</p> <p>Students complete a design project comprising a design portfolio and an associated manufacturing task.</p> <p><i>Students are only required to complete a portfolio of evidence consisting of a scaled physical model(s) or mock-up(s). The requirement to create the product and the manufacture section has been removed and mark scheme amended to reflect this.</i></p> <p><i>10 marks have been added to both the Concept Analysis and Development of Proposed Concepts Modelling and Testing sections to allow for evaluation of outcomes of modelling to take place.</i></p>	<p>50%</p>	<p>Candidates complete the design folder as far as the Development of Proposed Concepts: Modelling and Testing section. 10 marks have been added to both the Concept Analysis and Development of Proposed Concepts: Modelling and Testing sections to allow for evaluation of outcomes of modelling to take place.</p> <p>The Development of Proposed Concepts: Manufacture and Evaluation sections have been removed.</p> <p>Centres are allowed to produce the technical drawings required in the portfolio by hand or using software.</p> <p><i>Internally assessed tasks issued in the academic year 2019-20 can be carried across in to 2021-22.</i></p>

For those students who started their GCSE course in September 2020 and are due to cash in the full GCSE in Summer 2022, should they choose to sit all units of the GCSE, they will receive the higher of either:

- the grade awarded on the basis of the outcome of the required units specified by CCEA; or
- the grade awarded on the basis of the outcome of the full set of units for that qualification.

In both cases the full specification content should still be delivered.

For candidates commencing their GCSE course in September 2021, it is recommended that, as far as possible, the units are delivered in numerical order in case of any further disruption to the academic year.