

Pearson Edexcel Level 1/Level 2 GCSE (9-1) in Design and Technology (1DT0) Summer 2022 assessment arrangements

Ofqual announced changes to the 2022 Summer examination series. The changes are an interim measure to address any impact COVID-19 has had on students in 2021 and 2022.

The changes announced have had an impact on this qualification. The information below details what changes have been made to our specification for students being graded in Summer 2022.

Summary of the current assessment/content arrangements

The qualification consists of one externally examined paper and one non-examined assessment component.

Component 1 is a written examination of 1 hour and 45 minutes. The component has 100 marks and is weighted at 50%.

Component 2 is a non-examined component which is internally assessed and externally moderated. The component has 100 marks and is weighted at 50%. Students must produce a 'high-quality final prototype'. They must demonstrate the use of machinery/tool and processes when producing a high-quality final prototype.

Summary of the Summer 2022 assessment/content arrangements

The qualification consists of one externally examined paper and one non-examined assessment component.

Component 1 is a written examination of 1 hour and 45 minutes. The component has 100 marks and is weighted at 50% (no change to this component).

Component 2 is a non-examined component which is internally assessed and externally moderated. The component has 100 marks and is weighted at 50%. Students can produce a 'proof of concept model' instead of a 'high-quality final prototype'.

Assessment criteria grid 3.2, Quality and accuracy (AO2 12 marks) from Component 2 will be removed. Any student who produces a 'high-quality final prototype' will not gain any marks for Quality and accuracy.

The total marks for Component 2 will now be 88 marks. No change to the weighting of the component.

We will allow candidates to demonstrate using machinery/tools/processes that is not directly linked to the product they intended to make.

Students can provide written, photographic or video evidence for assessment criteria grid 3.1b, Manufacture.

Students can use their proof-of-concept model to evidence the requirements of the assessment criteria grid 4.1, Testing and evaluation.

Changes to the specification (Issue 2)

Page reference(s)	Information in the specification	Changes made for Summer 2022 assessments only
5	In the Content and assessment overview section, the total marks for Component 2 is 100 marks.	The total mark for Component 2 is now 88 marks.
	The content section states 'Make –This includes manufacture, and quality and accuracy'.	Quality and accuracy are no longer relevant as students will not gain marks for these criteria in relation to anything they make.
	The assessment section states 'Make (36 marks)'.	The number of marks associated with making is now 24.
55 - 71	Throughout Component 2 there is reference to 'prototype'	Students can produce a 'proof of concept model' instead of a 'high-quality final prototype'. Any reference to 'prototype' will now be 'prototype/proof of concept model'. A proof of concept refers to a made* outcome that is able to exemplify meeting the requirements of a design brief and set of specification criteria without being required to meet the same level of quality and accuracy in manufacture as a high-quality final prototype. A proof of concept will be able to prove that the functionality of the solution can be achieved, to a demonstrable degree, that could subsequently be met fully through the manufacture of a high-quality final prototype. *A proof of concept can also be a virtual model where appropriate.
58	In the Making section we have content section 3.2 Quality and accuracy.	This section of the specification is not relevant.
59	In the Assessment information section, it states 'The NEA consists of 100 marks.'	The NEA now consists of 88 marks.
70	The assessment criteria grid for 3.2 Quality and accuracy assess AO2 and has 12 marks.	This assessment criteria grid is not relevant. The student cannot be given any marks for this assessment criteria grid even if they produce a high-quality final prototype instead of a proof-of-concept model. The Candidate Assessment booklet (CAB) is available on our website here .
75	The Awarding and reporting section.	We will apply a scaling of 1.136 to Component 02 to ensure it retains comparable weight to Component 01.

Changes to the Sample Assessment Materials (SAMs) (Issue 1)

There are no changes to the SAMs.

Changes to the Candidate Assessment Booklet (CAB) (Issue 2)

Issue 3 of the CAB is available on our website. A summary of the changes are as follows:

Page reference(s)	Information in the CAB	Changes made for Summer 2022 assessments only
2	In the Project submission section, it states: 'The project consists of a portfolio and a prototype.'	Students can produce a 'proof of concept model' instead of a 'prototype'. Any reference to 'prototype' will now be 'prototype/proof of concept model'.
	In the Photographic evidence of completed outcomes section it states 'The quality of the photography must be sufficient to enable moderators to see the completed prototype clearly and in detail.'	The quality of the photography must be sufficient to enable moderators to see the completed proof of concept/prototype clearly and in detail.
7	Mark grid 3.2 Quality and Accuracy assesses AO2 and is worth 12 marks.	This marking grid is no longer being assessed. Teachers will not award a mark for this grid.
9	In the section total column, the total for the making section is 36 marks.	In the section total column, the total for the making section is now 24 marks.
	The total mark is 100.	The total mark is 88.