

# Design and Technology — Autumn 1

- Research
- Responding to a brief
- Specification

Mark band	Description
9–10	<p>Design possibilities identified and thoroughly explored, directly linked to a contextual challenge demonstrating excellent understanding of the problems/opportunities.</p> <p>A user/client has been clearly identified and is entirely relevant in all aspects to the contextual challenge and student has undertaken a comprehensive investigation of their needs and wants, with a clear explanation and justification of all aspects of these.</p> <p>Comprehensive investigation into the work of others that clearly informs ideas.</p> <p>Excellent design focus and full understanding of the impact on society including; economic and social effects.</p> <p>Extensive evidence that investigation of design possibilities has taken place throughout the project with excellent justification and understanding of possibilities identified.</p>
6–8	<p>Design possibilities identified and explored, linked to a contextual challenge demonstrating a good understanding of the problems/opportunities.</p> <p>A user/client has been identified that is mostly relevant to the contextual challenge and student has undertaken an investigation of their needs and wants, with a good explanation and justification of most aspects of these.</p> <p>Detailed investigation into the work of others that has influenced ideas.</p> <p>Good design focus and understanding of the impact on society including; economic and social effects.</p> <p>Evidence of investigation of design possibilities at various stages in the project with good justification and understanding of possibilities identified.</p>
3–5	<p>Design possibilities identified and explored with some link to a contextual challenge demonstrating adequate understanding of the problems/opportunities.</p> <p>A user/client has been identified that is partially relevant to the contextual challenge. Student has undertaken an investigation of their needs and wants, with some explanation and justification of some aspects of these.</p> <p>Some investigation into the work of others that has had some influence on their ideas.</p> <p>Some design focus and understanding of the impact on society including; economic and social effects.</p> <p>Investigation of design possibilities goes beyond the initial stages of the project but only some justification and understanding of possibilities identified.</p>
1–2	<p>Basic design possibilities identified. Link to a contextual challenge is unclear and student demonstrates only a limited understanding of the problems/opportunities.</p> <p>An attempt has been made to identify a user/client but is not relevant to the contextual challenge. Student has undertaken a basic investigation of their needs and wants, but given little explanation and justification of these.</p> <p>Basic investigation into the work of others that has not been used to inform their ideas.</p> <p>Limited design focus and understanding of the impact on society including; economic and social effects.</p> <p>Investigation of design possibilities only takes place in the initial stages of the project and there is very little justification and understanding of possibilities identified.</p>
0	Nothing worthy of credit.

Pupils will complete the first section of their NEA during Autumn 1 of Year 11.

The first sections are:

**Section A:  
Identifying and investigating  
design possibilities (10 marks)**

**Section B:  
Producing a design brief and  
specification (10 marks)**

You will get feedback and time to improve your work where necessary.

Strict deadlines will be in place.

You must meet all criteria to get your grade.

Below is a link to the AQA Specification that is used to mark the NEA.

The assessment criteria for the NEA are split into six sections as follows.

	Section	Criteria	Maximum marks
AO1 Identify, investigate and outline design possibilities	A	Identifying & investigating design possibilities	10
	B	Producing a design brief & specification	10
A02 Design and make prototypes that are fit for purpose	C	Generating design ideas	20
	D	Developing design ideas	20
	E	Realising design ideas	20
A03 Analyse and evaluate	F	Analysing & evaluating	20
	Total		100

Mark band	Description
9–10	<p>Comprehensive design brief which clearly justifies how they have considered their user/client's needs and wants and links directly to the context selected.</p> <p>Comprehensive design specification with very high level of justification linking to the needs and wants of the client/user. Fully informs subsequent design stages.</p>
6–8	<p>Good design brief with an attempt to justify how they have considered most of their client's needs and wants and has clear links to the context selected.</p> <p>Detailed design specification with good justification linking to the needs and wants of the client/user. Largely informs subsequent design stages.</p>
3–5	<p>Adequate design brief with some consideration of their client's needs and wants is evident, as is the relevance to the context selected.</p> <p>Adequate design specification lacking some detail. Some justification linking to the needs and wants of the client/user. Informs subsequent design stages to some extent.</p>
1–2	<p>Basic design brief that contains only limited consideration of their client's needs and wants and has little or no relevance to the context selected.</p> <p>Basic design specification has minimal detail. Limited justification linking to the needs and wants of the client/user. Very little influence on subsequent design stages.</p>
0	Nothing worthy of credit.