



GCE AS/A Level Design & Technology

Resources Guide

GCE AS/A Level Design & Technology Resources Guide

Thank you for choosing WJEC Eduqas Design and Technology. This booklet explains where you can access all the key materials and resources to deliver the GCE AS/A level Design and Technology specification for teaching from 2017 across our suite of websites. **Most of the images throughout this guide are active links – click on these to take you directly to the document or relevant page.**



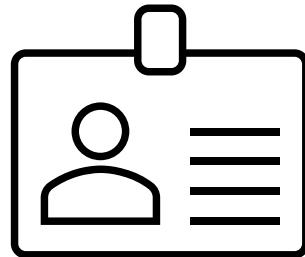
AS



A LEVEL

Teachers should read the specifications and all related documentation carefully before delivering these qualifications.
If you still have questions after doing so, please contact the subject team.

The Subject Team



SUBJECT OFFICER:

JASON CATES

SUBJECT SUPPORT OFFICER:

JODIE MEARING-LANE

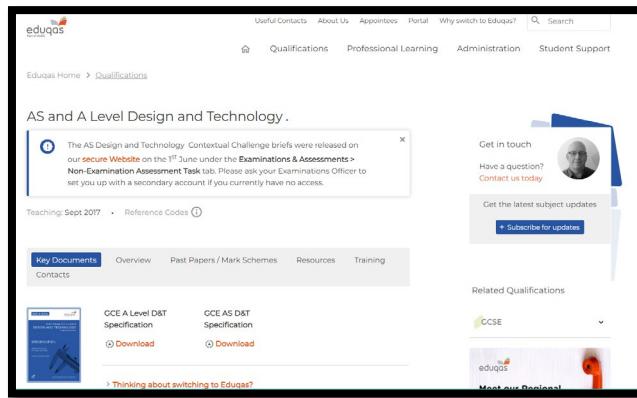


029 9940 4303

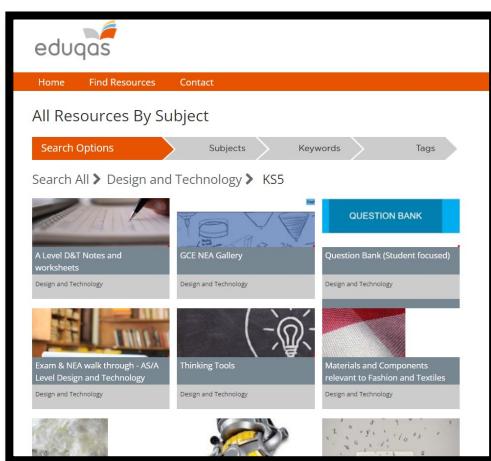


designandtechnology@eduqas.co.uk

Websites

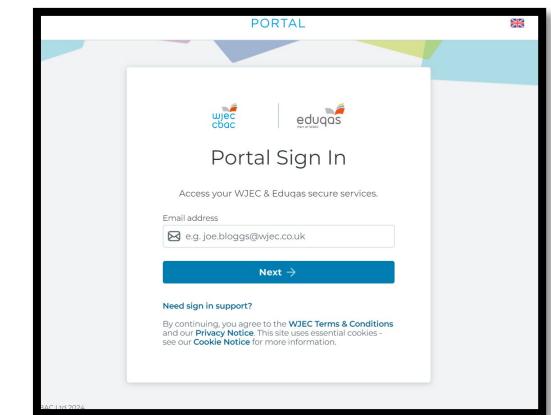


The Eduqas GCE Design and Technology [Subject Webpage](#) on the Eduqas website is the starting place for anyone teaching the specification and contains a range of official documentation relating to the qualification.



The [Educational Resources Website](#) hosts free digital resources created by our dedicated team of subject experts and web developers to support the teaching and learning of Eduqas qualifications.

[Portal by WJEC](#)* gives teachers access to Exemplar and CPD materials as well as access to past papers and marking schemes ahead of their publication on the public website.



***Please note:** If you have not got a username or password or if you cannot see any of the resources Tabs highlighted in this document you will need to go to your Examinations Officer and request the correct permissions.

Key Dates

Available from [Subject Webpage](#)

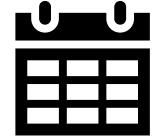


A List of key dates for Eduqas GCE AS/A Level Design and Technology is available on the Subject Webpage under Resources > Key Documents > Key Information

Published at the start of each year, this document will give you all the important dates you need to plan for the year ahead.

Static Dates:

21st February - [Entries](#) Deadline



15th May - Submissions of Marks Deadline for Component 2 NEA



For all Eduqas Key Dates Click the image above

Frequently Asked Questions

Available from [Subject Webpage](#)

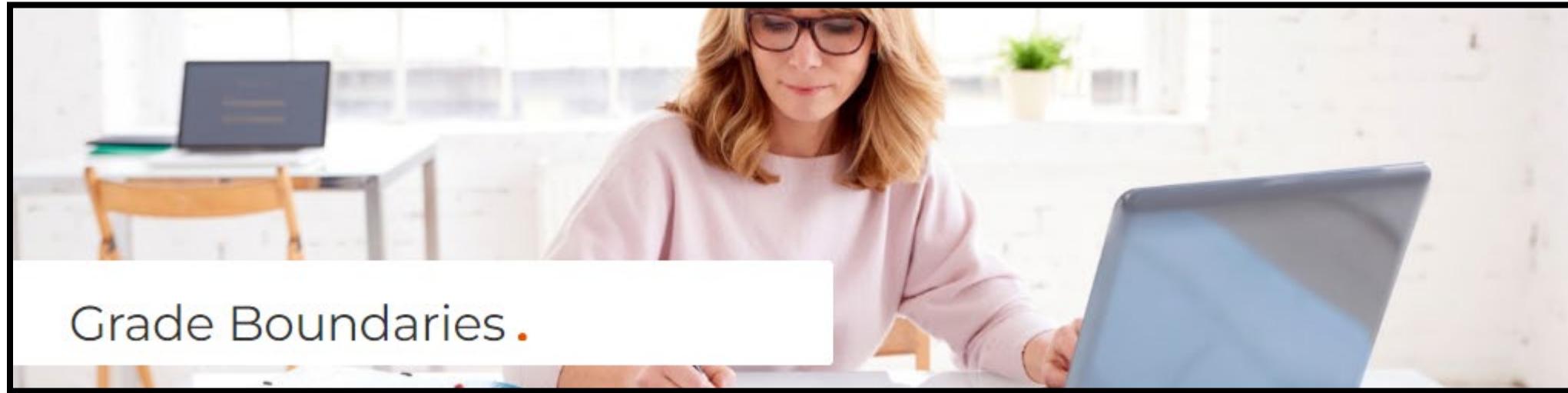
A list of [Frequently Asked Questions](#) has been collected for teachers to refer to, however if you cannot locate the information you are looking for please do not hesitate to contact the subject team at designandtechnology@eduqas.co.uk

Please note: Eduqas Design and Technology does not have an official social media outlet and is not a member of any other social media groups. In a time of active social media there have been several instances where information, opinions and individual comments have been misinterpreted and, in some cases, resulted centres / teachers / candidates following incorrect guidance for certain qualifications. Therefore, we would strongly urge centres to follow guidance provided on our official websites and not inaccurate comments, posts, or releases on 'other' social media forums. If in any doubt, contact the Eduqas Design and Technology Team.



Grade Boundaries

Available from [Eduqas Website](#)

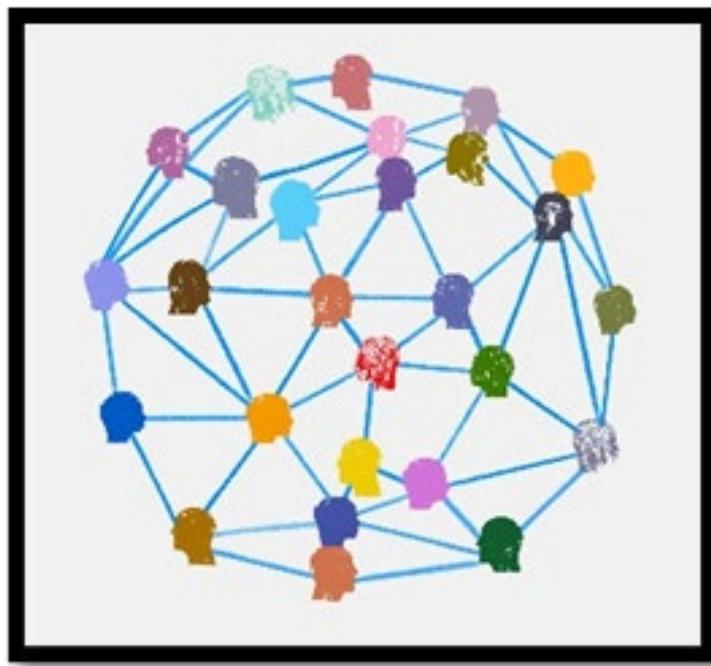


Grade boundaries are the minimum number of marks needed to achieve each grade. Whilst exam papers are written to the same level of difficulty, they do vary each year. Grade boundaries ensure that whenever the exam is sat, students receive the same grade for the same level of performance.

Click the image above to find the latest Design and Technology Grade boundaries.

Centres Networking

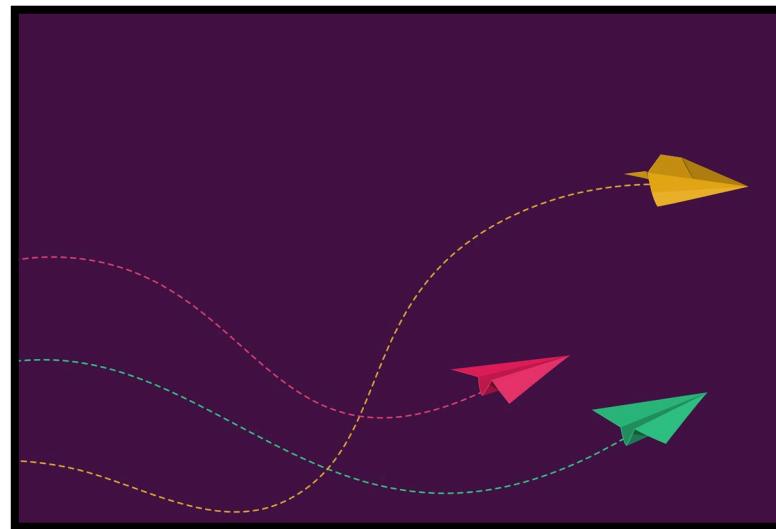
Available from [Subject Webpage](#)



Join our [interactive map](#) to connect with other teachers of Eduqas GCSE, AS and A Level Design & Technology.

Newsletters

Available from [Subject Webpage](#)



Click the [Subscribe for updates](#) button on the right-hand side of the [Subject Webpage](#) to sign up for email updates about the qualification, including the termly subject-specific newsletters published each September, January and April.

Past newsletters are also available from the Subject webpage under Resources > Key Documents > Newsletters.

Professional Learning

Eduqas offers a comprehensive range of professional learning opportunities to help you teach with confidence.



Details of our CPD provision for the current academic year is available [here](#).

Materials from past CPD events are available on [Portal by WJEC](#).

The [Eduqas GCE Design and Technology CPD MENU](#) gives a brief description of all documents/resources that have been used in all of our GCSE Design and Technology CPDs since the start of the specification.

Exemplar

Available on [Portal by WJEC](#)

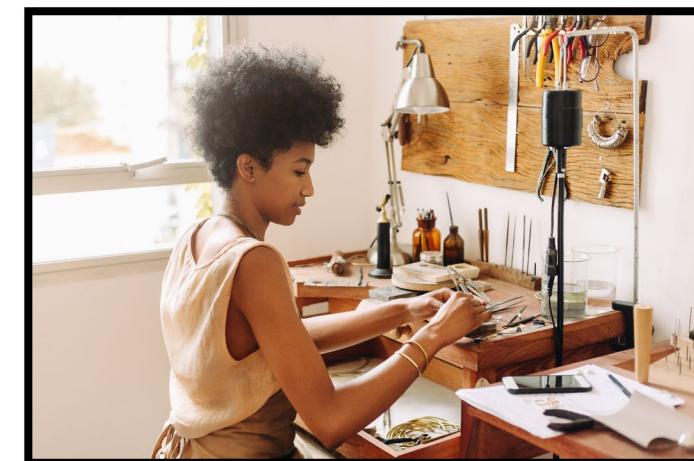
Resources>Subject Specific Support Materials

Filters: Subject>**Design and Technology**, Level>**GCE**, Type of Document> **Exemplar Materials**, Brand>**Eduqas**



Component 1 – The Written Exam

We will no longer be housing new Exam exemplar on the [Eduqas OER Website](#) however, the website will remain active for you to access past OERs. Exam Exemplar plus their Commentaries will be available on [Portal by WJEC](#) from 2024 onwards.



Component 2 – NEA – Design and Make

A range of projects across different focus areas are available. The exemplar projects should be used by teachers as a benchmark when marking their students NEA project work.

Past Papers and Mark Schemes

Available from [Subject Webpage](#) and on [Portal by WJEC](#)



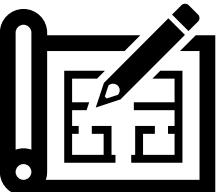
Please read our [Publication Policy](#) for more information on when question papers and mark schemes are available on our public website. If the modified format of past paper is not available, please refer to our policy on the [Availability of Assessment Materials in Modified Formats](#) for further information.

Click on the image above to take you to the Past Papers and Mark Schemes on the Subject Webpage.

Please note that the Question Paper that was last assessed will not be available on the public website until 12 months after the date it was sat. This is to allow schools and colleges to use them, for example as internal resources to support candidates' preparation for exams. The most recent past paper and mark scheme can be found on [Portal](#) (secure website).

Non-Exam Assessment

Available from [Subject Webpage](#) and on [Portal](#) by WJEC



Contextual Challenge Briefs

The AS Design and Technology Contextual challenge briefs are released on [Portal](#) on the 1st June under the Examinations & Assessments > Non-Examination Assessment Task Tab.

Please ask your Examinations Officer to set you up with a secondary account if you currently have no access.

AS DESIGN AND TECHNOLOGY NON-EXAM ASSESSMENT				OFFICIAL USE WORK	COMPONENT 2 DT2AS
Centre Name:	Centre Number:			1	2
Candidate Name:	Candidate Number:			2	3
Focus Area:	Product Design:				
AO	Assessment Criteria	Mark	Mark Range	Centre Mark	Justification
AO1	Identifying and investigating design possibilities	15	15	15	Identifying and investigating design possibilities
AO1	Developing a design specification	15	15	15	Developing a design specification
AO2	Generating and developing design ideas	25	25	25	Generating and developing design ideas
AO3	Model-making & prototypes	25	25	25	Model-making & prototypes
AO4	Analysing and evaluating design ideas and prototypes	20	20	20	Analysing and evaluating design ideas and prototypes
TOTAL:		100			<i>Please tick here to accept electronic input device</i>
Candidate Declaration: I declare that the work you asked for assessment must be my own. If you copy from someone else, allow another candidate to copy from you, or if you check in any other way, you may be disqualified from this examination.					
Declaration: I have read and understood the Notice to Candidates (above) and have produced the attached work without assistance or other than that which my teacher has explained is acceptable within the specification. I have read and understood the notice to Candidates (above) and have signed this declaration in the space provided in a form of a matriculation.					
Signature:			Date: / /		
Teacher Declaration: I declare that the candidate's work was conducted under the conditions laid out by the specification. I have read and understood the notice to Candidates (above) and have signed this declaration in the space provided in a form of a matriculation. The candidate has been referenced any sources and all AIs used in the work have been declared in the declaration in a form of matriculation. Original candidate declarations for the entire cohort will be kept on file.					
Signature:			Date: / /		

AS Component 2: Marksheets (DT2AS)

AS Component 2: GDPR Consent Form (DT2AS)

LEVEL DESIGN AND TECHNOLOGY NON-EXAM ASSESSMENT					OFFICIAL USE INFO	COMPONENT DT2A
Centre Name	Centre Number				Centre Name	Centre Number
Candidate Name	Candidate Number					2
Focus Area	I option / Textiles			Product Design		
AO	Assessment Criteria	Max. Mark	Mark Range	Centre Mark	Justification	
AO1	Identifying and developing design possibilities	15	15 - 12 11 - 9 8 - 7 6 - 5 1 - 3			
AO1	Developing a design brief and specification	15	15 - 12 11 - 9 8 - 7 6 - 5 1 - 3			
AO2	Generating and developing design ideas	25	25 - 20 19 - 18 17 - 16 15 - 14 6 - 13			
AO2	Manufacturing a prototype	25	25 - 20 19 - 18 17 - 16 15 - 14 6 - 13			
AO3	Analysing and evaluating design decisions and processes	20	20 - 18 17 - 16 15 - 14 13 - 12 1 - 9			
TOTAL		100	(Please tick here to indicate you have read the criteria)			
Candidate Declaration I declare that the work you have submitted is for assessment only for your use. If you copy this document or any other candidate to copy from it or you share it in any other way, you may be disallowed from at least the subject examination.						
Teacher Declaration I have read and understood the Notice to Candidates and I have produced the attached work refelcting the requirements of the specification. I have checked that the work is my own and that I have not referred to any sources and any work I have done is my own. I understand that teacher declaration is a form of plagiarism.						
Signature		Date			/ /	
Teacher Declaration I have read and understood the Notice to Candidates and I have produced the attached work refelcting the requirements of the specification. I have checked that the work is my own and that I have not referred to any sources and any work I have done is my own. I understand that teacher declaration is a form of plagiarism.						
Signature		Date			/ /	

A Level

Component 2: Marksheet (DT2A)

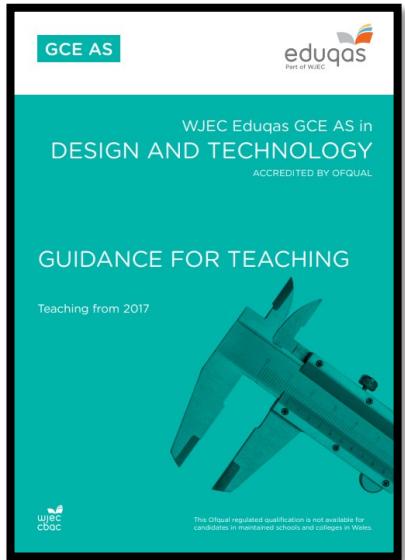
	A LEVEL DESIGN AND TECHNOLOGY NON-EXAM ASSESSMENT	COMPONENT 2 DT2A
Centre Name <input style="width: 100%;" type="text"/>	Centre Number <input style="width: 100%;" type="text"/>	2
Candidate Name <input style="width: 100%;" type="text"/>	Candidate Number <input style="width: 100%;" type="text"/>	
Focus Area <input style="width: 100%;" type="text"/>	Product Design	
GDPR COMMENT (Completed forms should be kept secure by your centre)		
NOTICE TO CANDIDATE <p>WJEC may request your audio-visual work for use in teacher training events and subsequently retain it for up to 10 years. Your audio-visual work will be removed from our system and no longer relevant to your qualification if we have not used it. All materials are removed regularly and are removed when no longer relevant to our qualifications.</p>		
<p>WJEC may request your audio-visual work for use in teaching and learning resources published on the WJEC/Eduqas public website. Your name will be removed from our work before we use it. All materials are reviewed regularly and are removed when no longer relevant to our qualifications.</p>		
<p>For further details on how we process your data please read WJEC/Eduqas privacy notice</p>		
DECLARATION <p>Please read and sign the declaration below (clicking the relevant statement to agree)</p>		
<input type="checkbox"/> I have read and understood the Notice to Candidate (above). I have produced the attached work without assistance other than that which my teacher has explained to me and I have not copied it from any other source.		
<input type="checkbox"/> I am 13 years old or above and give permission for my audio-visual work to be used in teacher training events and to be uploaded onto WJEC/Eduqas secure website.		
<p>You must be over 13 to process consent. You may withdraw your consent at any time by contacting WJEC on 01904 460200 or email. If you withdraw your consent, the year of assessment, centre name and number, candidate name and the Component in the communication. The audio-visual work will then be removed from the website.</p>		
<input type="checkbox"/> I am 13 years old or above and give permission for my audio-visual work to be used as part of a digital teaching and learning resource on the WJEC/Eduqas public website.		
<p>You must be over 13 to process consent. You may withdraw your consent at any time by contacting WJEC on 01904 460200 or email. If you withdraw your consent, the year of assessment, centre name and number, candidate name and the Component in the communication. The audio-visual work will then be removed from the website.</p>		
<input type="checkbox"/> Electronic signatures are acceptable		
<input type="checkbox"/>		
<p>If you prefer that WJEC does not use your work in this way, please tick here and include a copy of this form with your work.</p>		

A Level Component 2: GDPR Consent Form (DT2A)

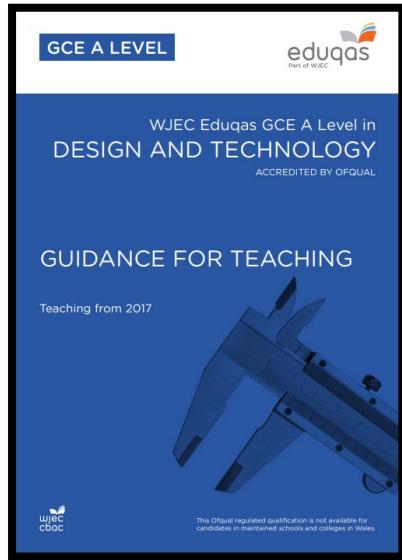
Teacher Resources

Available from [Subject Webpage](#)

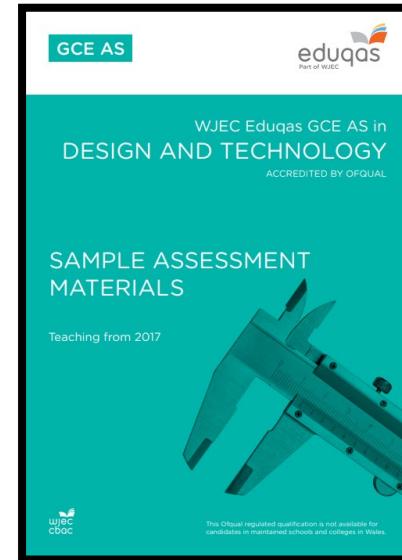
AS



A Level



AS



A Level



Guidance for Teaching

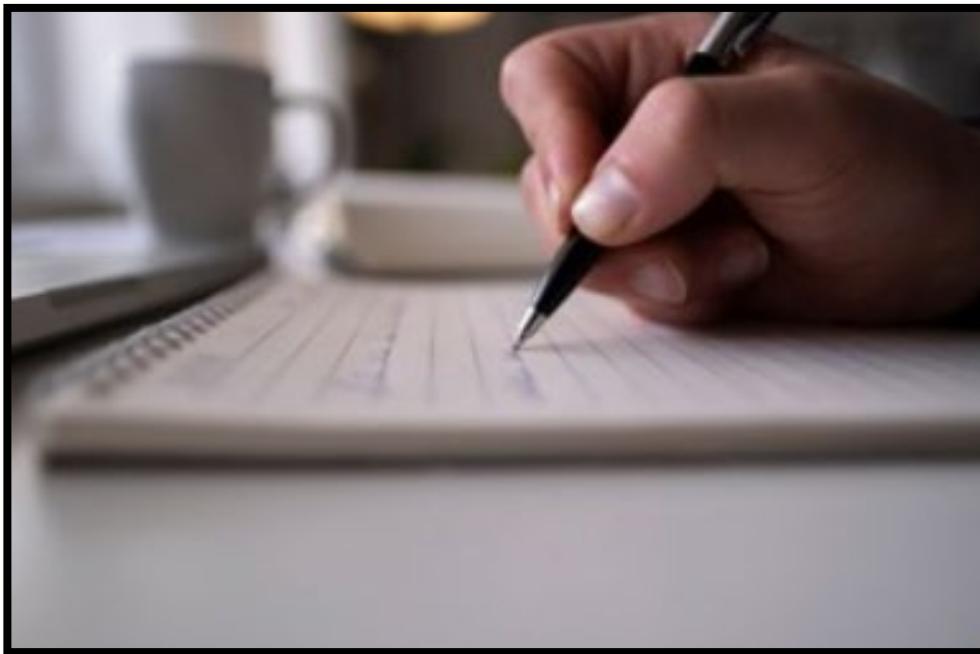
Sample Assessment Materials

Option Evening Flyer



Notes and Worksheets

Available from [Educational Resources Website](#)



This resource is intended to support teachers when delivering the A Level Product Design specification. It is not an exhaustive coverage of content, and examination questions can still appear outside this resource. This resource will be most beneficial if used as a 'starting' point for specification content delivery, and then examination preparation / revision.

Click the image to the left to take you directly to the Notes and Worksheets

Classification of Fibres Relevant to Fashion & Textiles

Available from [Educational Resources Website](#)



This unit covers the specification elements related to the classification of the main fibre groups relevant to Fashion and Textiles AS level (2.1.2(a)) and A level (2.1.2(a))

It is designed to provide a background to the topic but is not inclusive of all potential material required for examination purposes.

Both teacher and students will also need to undertake their own research/reading/practical activities in order to provide a fully comprehensive coverage of the specification content relating to fibre classification.

Click the image to the left to take you directly to the relevant materials

Material and Components Relevant to Fashion & Textiles

Available from [Educational Resources Website](#)



This unit covers some of the specification elements related to the characteristics and working properties relevant to fashion and textiles (2.1.2(a) & (b)) at both AS and A level .

It also relates to aspects of the classification of the main fibre groups (2.1.2(a)). It is designed to provide a background to the topics but is not inclusive of all potential material required for examination purposes.

Both teacher and students will also need to undertake their own research/reading/practical activities in order to provide a fully comprehensive coverage of the specification content relating to materials and components.

[Click the image to the left to take you directly to the relevant materials](#)

Design and Technology: Product Design

Available from [Educational Resources Website](#)

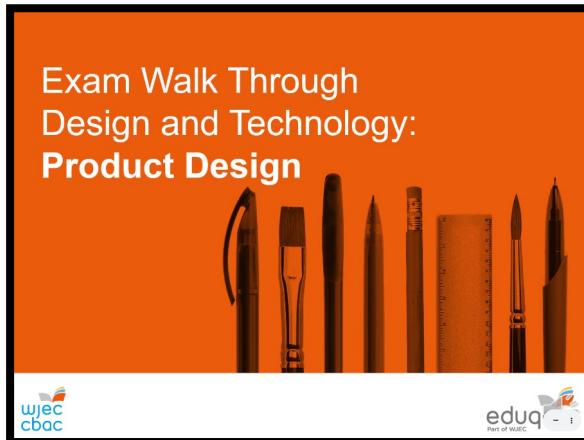


These materials provide an overview to the Product Design technical principles and design and make principles which is part of the Design and Technology A level specification and the Design and Technology AS specification. These resources are provided to support teaching and learning and give an introduction to the main concepts of the theory of the subject and should be used in conjunction with other resources and sound classroom teaching.

[Click the image to the left to take you directly to the relevant materials](#)

A Level NEA Walk Through

Available from [Educational Resources Website](#)

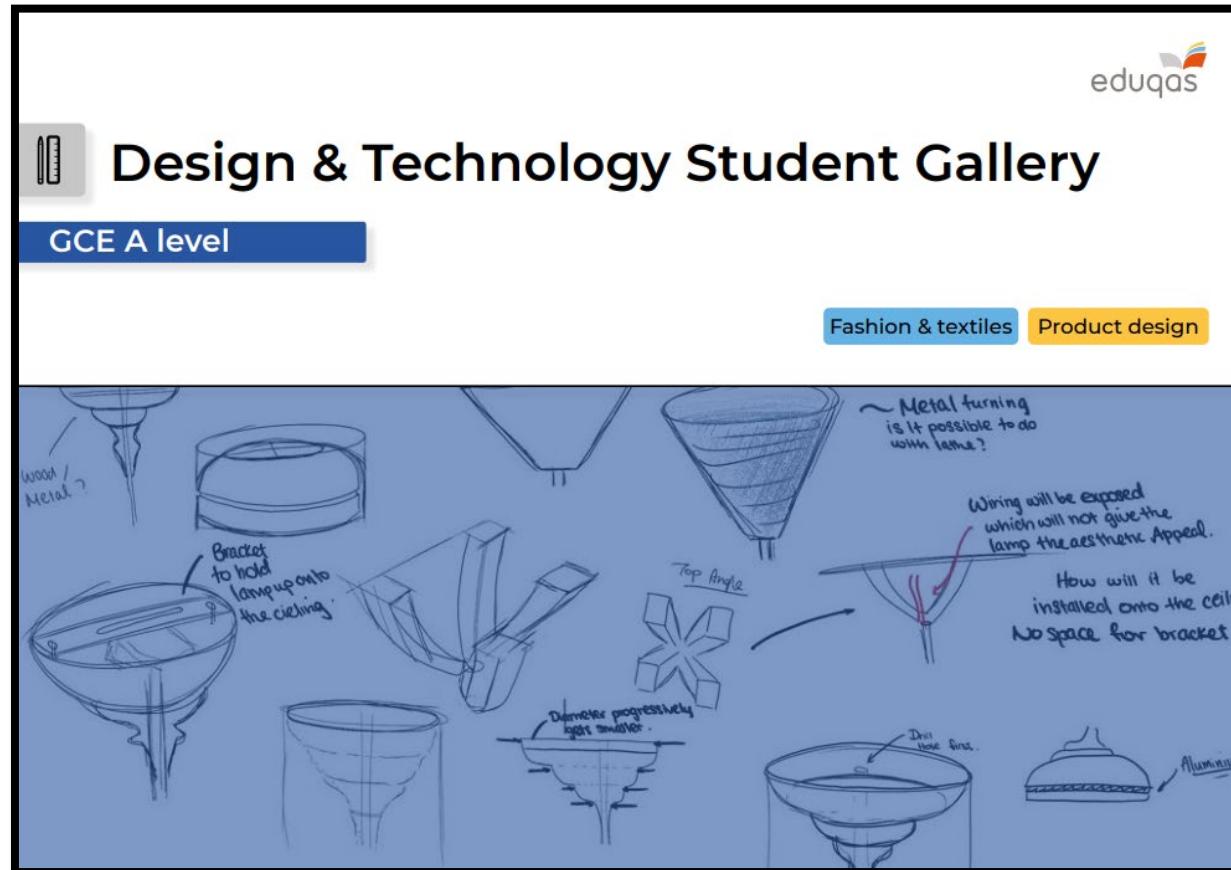


Aimed at learners, these materials offer practical hints and tips on how to effectively approach questions in examination papers and preparing for NEA.

Tip: Make sure you download the PowerPoint to ensure the audio function works effectively, make sure your speakers / headphones are on and don't forget to ask your teacher if there is anything you are unsure of.

Exemplar Gallery

Available from [Educational Resources Website](#)



The image is a screenshot of a digital gallery for Design & Technology students. At the top, there is a logo for 'eduqas' and a title 'Design & Technology Student Gallery'. Below the title, it specifies 'GCE A level' and shows categories 'Fashion & textiles' and 'Product design'. The main area displays several hand-drawn sketches of a lamp design. One sketch shows a funnel-shaped lamp with a bracket to hold it up, with the annotation: 'Bracket to hold lamp up onto the ceiling'. Another sketch shows a multi-tiered lamp with the annotation: 'Diameter progressively gets smaller'. A third sketch shows a lamp with a 'Top Angle' and 'Drip hole pins'. A fourth sketch shows a lamp with the annotation: 'Wiring will be exposed which will not give the lamp the aesthetic appeal.' A fifth sketch shows a lamp with the annotation: 'How will it be installed onto the ceiling No space for bracket'. A sixth sketch shows a lamp with the annotation: 'Metal turning is it possible to do with metal?'. A seventh sketch shows a lamp with the annotation: 'Drip hole pins' and 'Aluminium'. The sketches are presented in a blue-tinted grid format.

View some of the creative and innovative solutions to identified problems produced during the NEA components of Design and Technology GCSE qualifications.

Question Bank

Available from [Educational Resources Website](#)

Showing 201 questions

Subjects

Design and Technology 201

Levels

GCE AS/A 201

GCSE

Series

Language Welsh

English 201

Tier

Design and Technology, Design and Technology Product Design [+ Add](#)

4 marks

[GCE AS/A](#) [Higher Tier](#)

The trampoline shown below has been made from several different materials, each of which was chosen for their respective working properties.



860401 5b June 2019

bending strength compressive strength durability

mechanical properties plasticity + 4 others

Design and Technology, Design and Technology Textiles Technology [+ Add](#)

10 marks

[GCE AS/A](#) [Higher Tier](#)

French seams are often used in the construction of a designer blouse like the one shown below.

Question Bank is a free tool which allows you to create practice question papers from thousands of Eduqas past paper questions. Find the questions you need, add them to your paper and export your paper with accompanying mark scheme and examiner's comments as a PDF ready to use in the classroom.

Moderation Information for Centres

Available from [Subject Website](#)



Click on the image to view the key steps and expectations for centres preparing for Design and Technology moderation of NEA work

Other Resources

Available from [Educational Resources Website](#)



Thinking Tools

A variety of tools that you can use with your students to encourage greater thinking around ideas and concepts that you have taught. You can use them in your lessons or for homework assignments (especially if you are flipping your classroom). They are a great way to encourage more active revision techniques.



Text Tools

A bank of tools that allow teachers to use their own piece of text to generate a range of activities.

If you would like us to create a new tool then please get in touch with your ideas resources@eduqas.co.uk

Useful Contacts

If you have a Design and Technology query, please do not hesitate to contact the Subject Team using the contact details at the start of this booklet.

Please click on the image below for other useful contacts, such as; Entries and CPD.

