



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.**



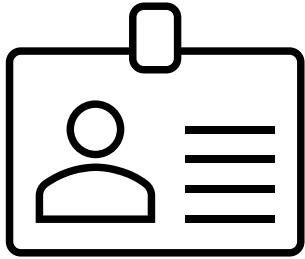
AS



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

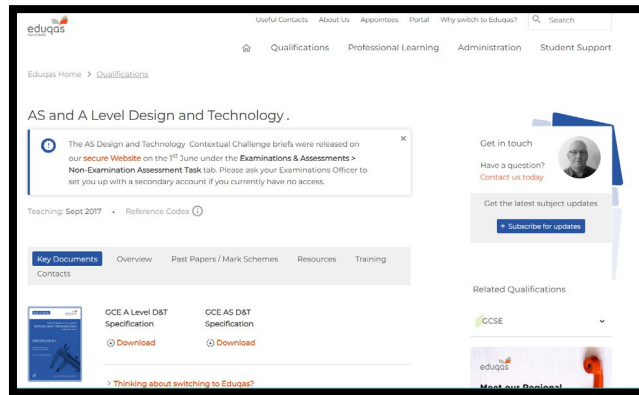


029 9940 4303



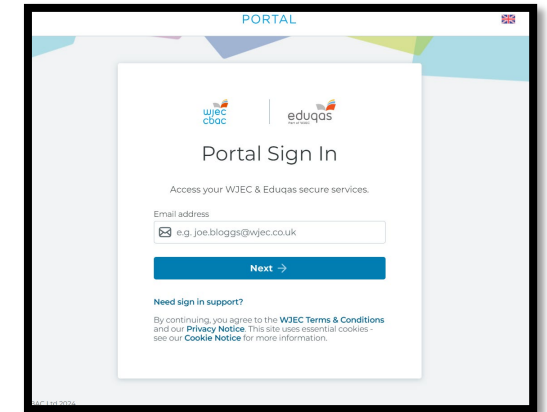
designandtechnology@eduqas.co.uk

Websites

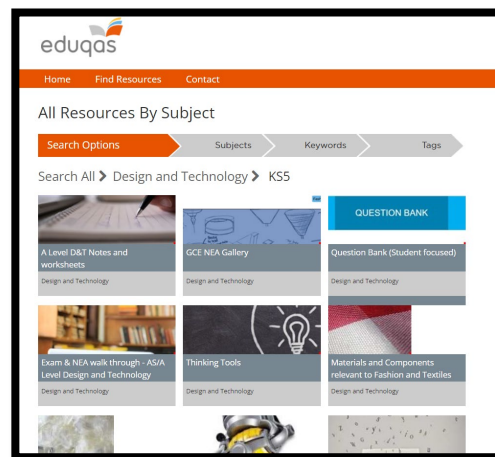


The Eduqas GCE Design and Technology [Subject Webpage](#) on the Eduqas website is the starting place for anyone teaching the specification and contains a range of official documentation relating to the qualification.

[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.



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.

Key Dates

Available from [Subject Webpage](#)



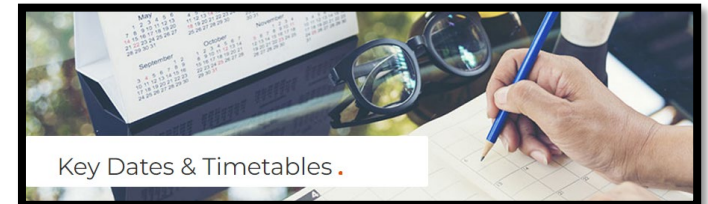
A List of key dates for Eduqas GCE AS/A Level Design and Technology is available on the Subject Webpage under Resources > Key Documents > Key Information

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](#)

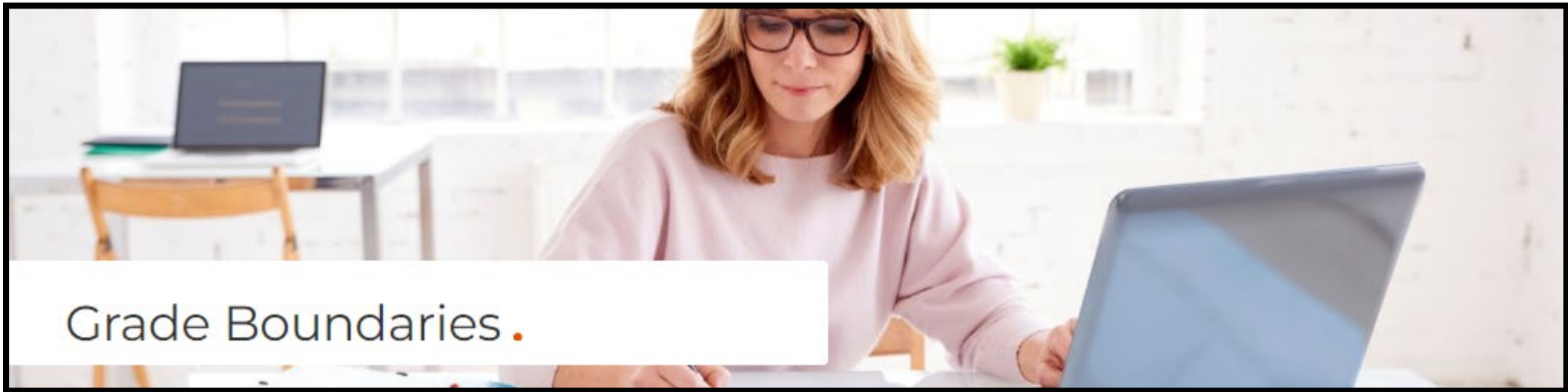
A list of [Frequently Asked Questions](#) has been collected for teachers to refer to, however if you cannot locate the information you are looking for please do not hesitate to contact the subject team at designandtechnology@eduqas.co.uk

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](#)

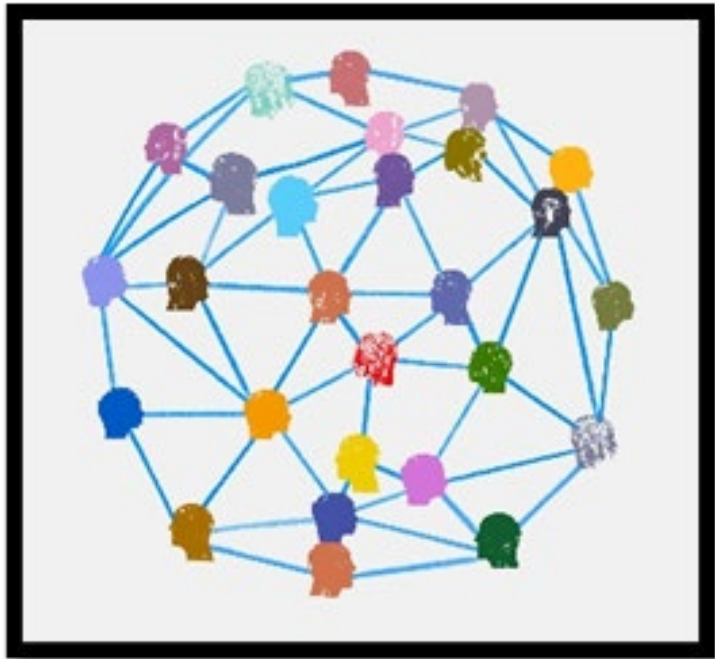


Grade boundaries are the minimum number of marks needed to achieve each grade. Whilst exam papers are written to the same level of difficulty, they do vary each year. Grade boundaries ensure that whenever the exam is sat, students receive the same grade for the same level of performance.

[Click the image above to find the latest Design and Technology Grade boundaries.](#)

Centres Networking

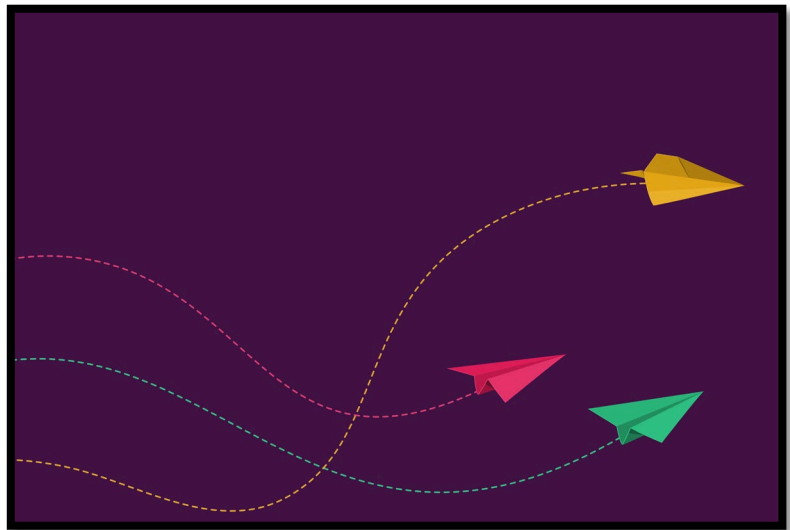
Available from [Subject Webpage](#)



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](#)



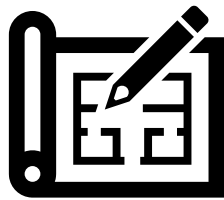
Please read our [Publication Policy](#) for more information on when question papers and mark schemes are available on our public website. If the modified format of past paper is not available, please refer to our policy on the [Availability of Assessment Materials in Modified Formats](#) for further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

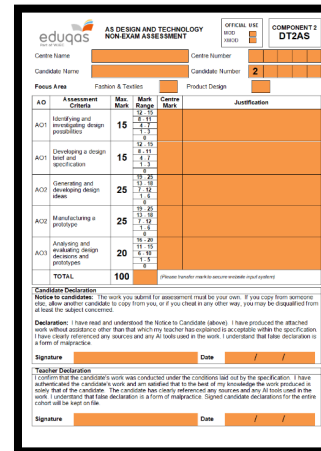


Contextual Challenge Briefs

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.

Click on the images below to download the relevant forms from the Subject Website (resources > Key Documents > Non-Exam Assessment)



eduqas AS DESIGN AND TECHNOLOGY NON-EXAM ASSESSMENT COMPONENT 2 DT2AS

Candidate Name: Centre Number: Candidate Number: 2

Focus Area: Fashion & Textiles Product Design

Assessment Criteria	Max Mark	Mark Range	Centre Mark	Justification
AC1 Identifying and investigating design possibilities	15	1-15		
AC1 Developing a design brief and specification	15	1-15		
AC2 Generating and developing design ideas	25	1-25		
AC2 Manufacturing a prototype	25	1-25		
AC3 Analysing and evaluating design decisions and processes	20	1-20		
TOTAL	100			

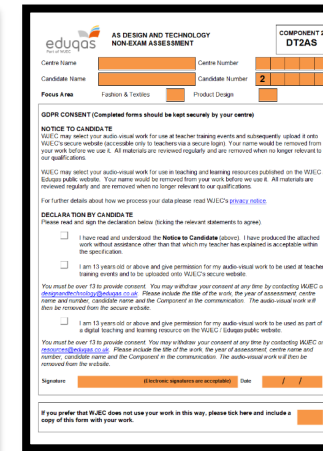
Please provide marks to secure evidence (up to 40%)

Candidate Declaration: 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 in relation to the specification. I have clearly referenced any sources and any AI tools used in the work. I understand that false declaration is a form of malpractice.

Teacher Declaration: I confirm that the candidate's work was conducted under the conditions set out by the specification. I have authorised the candidate's work and am satisfied that to the best of my knowledge the work produced is solely that of the candidate. The candidate has clearly referenced any sources and any AI tools used in the work. I understand that false declaration is a form of malpractice. Signed candidate declaration for the entire cohort will be kept on file.

Signature: Date: / /

AS Component 2: Marksheet (DT2AS)



eduqas AS DESIGN AND TECHNOLOGY NON-EXAM ASSESSMENT COMPONENT 2 DT2AS

Candidate Name: Centre Number: Candidate Number: 2

Focus Area: Fashion & Textiles Product Design

GDPR CONSENT (Completed forms should be kept securely by your centre)

NOTICE TO CANDIDATE: WJEC may select your audio-visual work for use at teacher training events and subsequently upload it onto WJEC's secure website (accessible only to teachers via a secure login). Your name would be removed from your work before we use it. All materials are reviewed regularly and are removed when no longer relevant to our qualifications.

For further details about how we process your data please read WJEC's [privacy notice](#).

DECLARATION BY CANDIDATE: Please read and sign the declaration below (clicking the relevant statements to agree).

☐ 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 in relation to the specification.

☐ I am 13 years old or above and give permission for my audio-visual work to be used at teacher training events and to be uploaded onto WJEC's secure website.

☐ I must be over 13 to provide consent. You may withdraw your consent at any time by contacting WJEC on [design@eduqas.co.uk](#). Please include the title of the work, 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 secure website.

☐ 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's Edupass public website.

☐ I must be over 13 to provide consent. You may withdraw your consent at any time by contacting WJEC on [design@eduqas.co.uk](#). Please include the title of the work, 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.

Signature: Date: / /

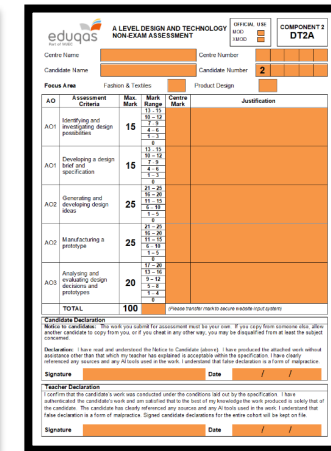
Teacher Declaration: I confirm that the candidate's work was conducted under the conditions set out by the specification. I have authorised the candidate's work and am satisfied that to the best of my knowledge the work produced is solely that of the candidate. The candidate has clearly referenced any sources and any AI tools used in the work. I understand that false declaration is a form of malpractice. Signed candidate declaration for the entire cohort will be kept on file.

Signature: Date: / /

Electronic signatures are acceptable

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.

AS Component 2: GDPR Consent Form (DT2AS)



eduqas A LEVEL DESIGN AND TECHNOLOGY NON-EXAM ASSESSMENT COMPONENT 2 DT2A

Candidate Name: Centre Number: Candidate Number: 2

Focus Area: Fashion & Textiles Product Design

Assessment Criteria	Max Mark	Mark Range	Centre Mark	Justification
AC1 Identifying and investigating design possibilities	15	1-15		
AC1 Developing a design brief and specification	15	1-15		
AC2 Generating and developing design ideas	25	1-25		
AC2 Manufacturing a prototype	25	1-25		
AC3 Analysing and evaluating design decisions and processes	20	1-20		
TOTAL	100			

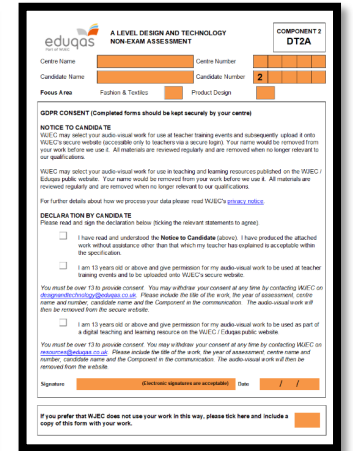
Please provide marks to secure evidence (up to 40%)

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Signature: Date: / /

A Level Component 2: Marksheet (DT2A)



eduqas A LEVEL DESIGN AND TECHNOLOGY NON-EXAM ASSESSMENT COMPONENT 2 DT2A

Candidate Name: Centre Number: Candidate Number: 2

Focus Area: Fashion & Textiles Product Design

GDPR CONSENT (Completed forms should be kept securely by your centre)

NOTICE TO CANDIDATE: WJEC may select your audio-visual work for use at teacher training events and subsequently upload it onto WJEC's secure website (accessible only to teachers via a secure login). Your name would be removed from your work before we use it. All materials are reviewed regularly and are removed when no longer relevant to our qualifications.

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Signature: Date: / /

Teacher Declaration: I confirm that the candidate's work was conducted under the conditions set out by the specification. I have authorised the candidate's work and am satisfied that to the best of my knowledge the work produced is solely that of the candidate. The candidate has clearly referenced any sources and any AI tools used in the work. I understand that false declaration is a form of malpractice. Signed candidate declaration for the entire cohort will be kept on file.

Signature: Date: / /

Electronic signatures are acceptable

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A Level Component 2: GDPR Consent Form (DT2A)

Teacher Resources

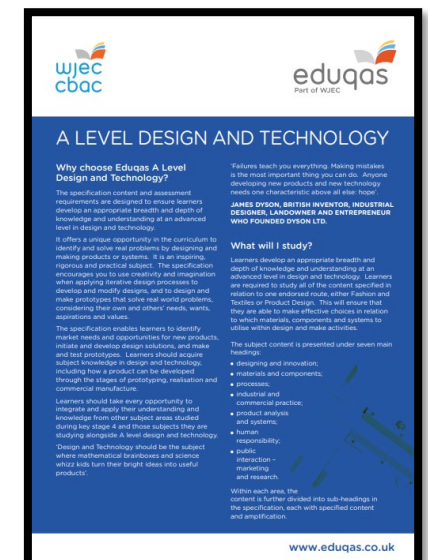
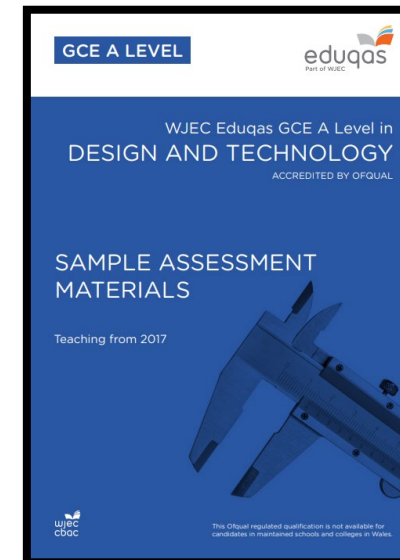
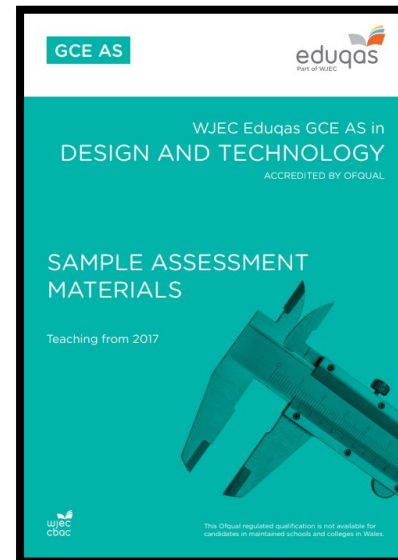
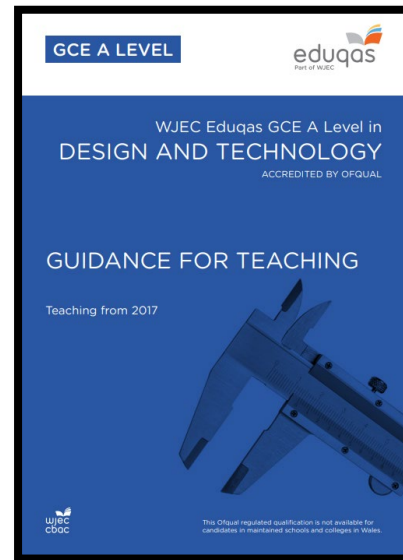
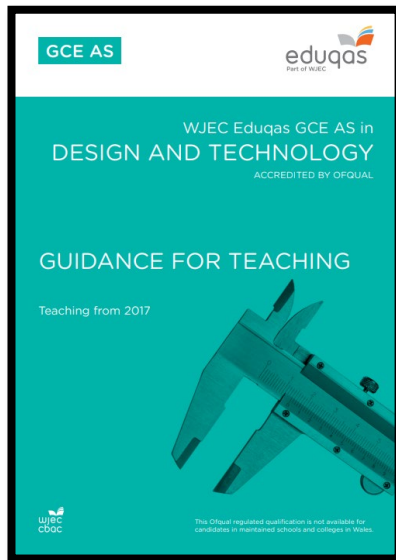
Available from [Subject Webpage](#)

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](#)

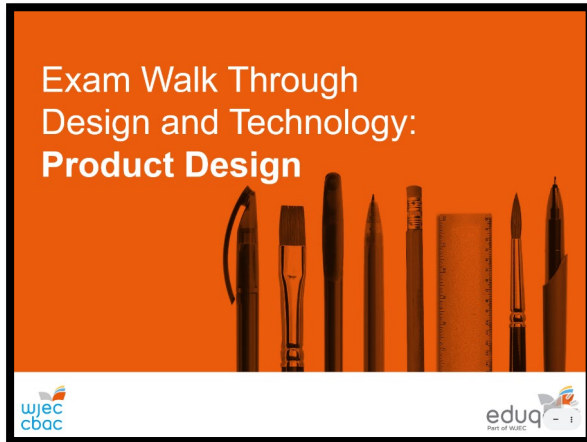


These materials provide an overview to the Product Design technical principles and design and make principles which is part of the Design and Technology A level specification and the Design and Technology AS specification. These resources are provided to support teaching and learning and give an introduction 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](#)

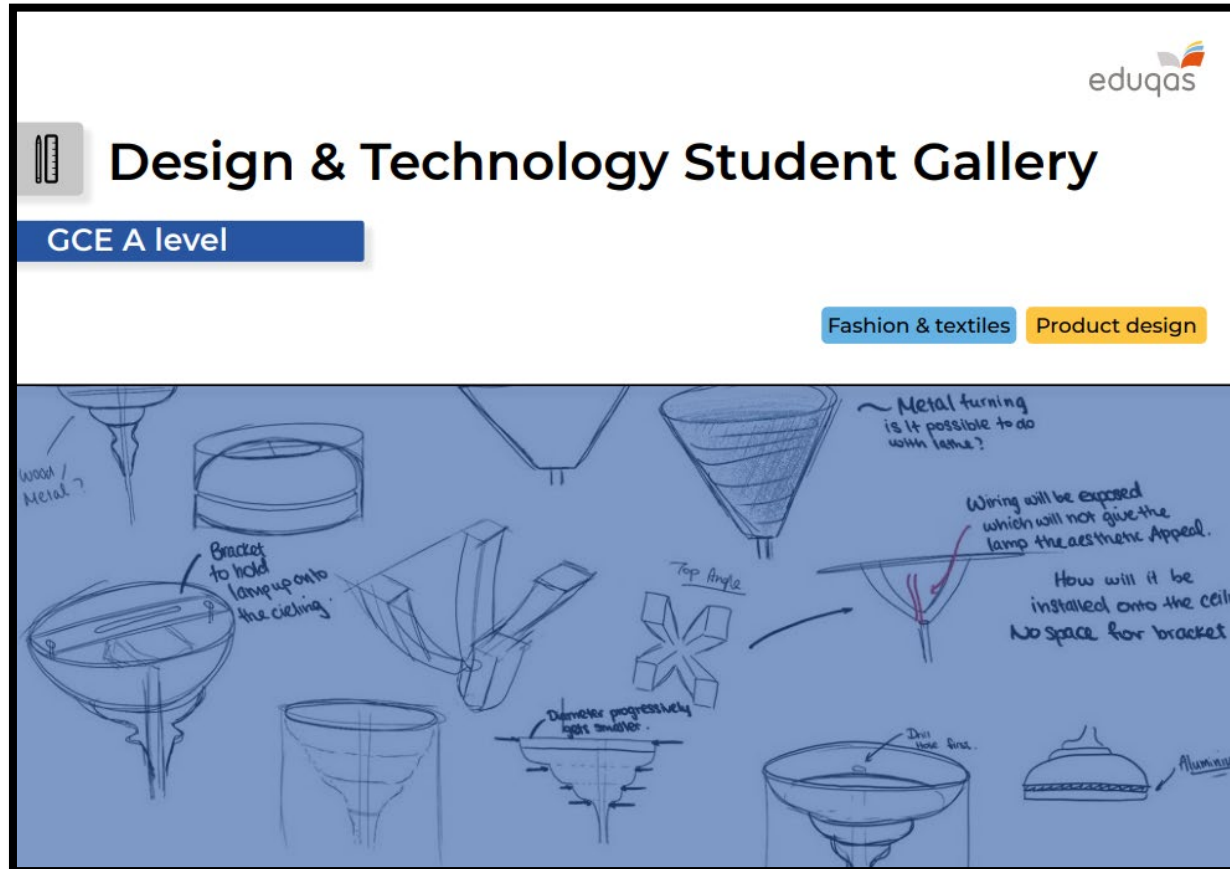


Aimed at learners, these materials offer practical hints and tips on how to effectively approach questions in examination papers and preparing for NEA.

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](#)



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](#)

The screenshot displays the Question Bank interface. On the left, there are filters for Subjects, Levels, Series, Language, and Tier. The main area shows two question cards. The first card is for 'Design and Technology, Design and Technology Product Design', worth 4 marks, at GCE AS/A Higher Tier. It includes a description about a trampoline and a list of material properties: bending strength, compressive strength, durability, mechanical properties, and plasticity. The second card is for 'Design and Technology, Design and Technology Textiles Technology', worth 10 marks, also at GCE AS/A Higher Tier, with a description about French seams.

Showing 201 questions

Subjects

Search for subjects...

☒ Design and Technology 201

Levels

Search for levels... X

☒ GCE AS/A 201

☐ GCSE

Series

Search for series...

Language

☐ Welsh

☒ English 201

Tier

Design and Technology, Design and Technology Product Design

☒ 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

☒ 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](#)



MODERATION INFORMATION for Centres

This leaflet outlines the key steps and expectations for centres preparing for **Design and Technology** moderation of NEA work

Key Dates & Deadlines

Finalise Entries:
All candidate entries must be finalised by **21st February**.

Moderator Contact:
Your allocated moderator will contact you by **mid-April** to arrange a moderation visit.

Confirmation of Visit:
Once a date is agreed, you will receive a confirmation email.

Sample Generation Deadline:
Generate your sample by
~5th May - GCSE
~15th May - AS/A Level

During the Visit
Moderators **cannot confirm outcomes** or provide **verbal feedback** during or after the visit.

Feedback will be provided via the **Moderator Report**, available on **Results Day**.

In rare cases, moderators may need to **take work away** for standardisation.

Any removed work will be **returned by the end of the summer term**.

Preparing for Moderation

Sample Generation:
The moderation sample is **automatically generated** when marks are submitted via Portal.

On the Day of Moderation:
Provide a **printed copy** of the sample list. Include the **full candidate entry in rank order**.
Ensure **all candidates**, including those **not in the sample**, have a completed **DT2 mark sheet**:
~Signed by the **candidate**
~Signed by the **teacher**
~Includes **justification comments** referencing specific evidence

Moderator attendance
You will be allocated either a **Morning** or **Afternoon** session for your visit. In addition to your moderator, a **Team Leader** or **Principal Moderator** may attend.

This is part of **quality control** for our moderators — **not** additional scrutiny of your centre's NEA work.

Post-Results Services
Post-results services are available to all centres. Please refer to the relevant guidance for details.

eduqas

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.

