

Product Design A-Level

Transition Pack



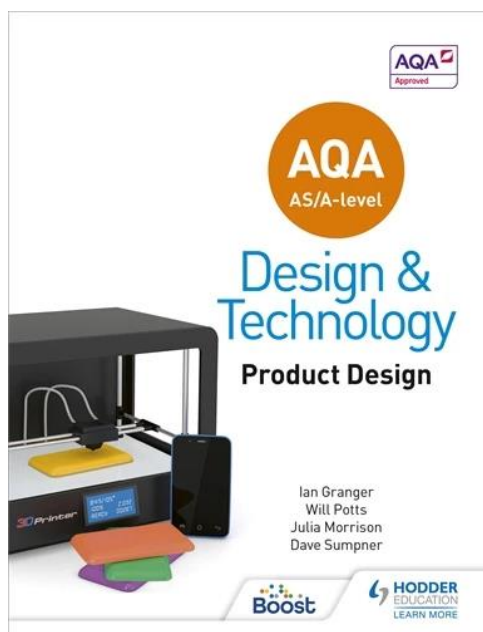
Throughout the course you will look at the physical and working properties of a wide range of materials and components so that you can develop an understanding of why they are used in different applications. You will also consider their manufacture, use and life span of a product. Through manufacturing and design you will identify safe working practices and understand the various processes that can apply to a product. You will then apply this knowledge to produce a physical prototype that communicates your research, design, practical work and evaluation to others.

Essential summer reading

AQA AS/A-Level Design and Technology: Product Design

Will Potts, Julia Morrison, Ian Granger,
Dave Sumpner.

ISBN: 9781510414082



You will produce a substantial design, make and evaluate project which consists of a portfolio and a prototype. The assessment will be carried out under controlled conditions, as specified within the qualification's specification.

The final prototype must be produced under immediate guidance or supervision.

The portfolio will contain approximately 40 sides of A3 paper (or electronic equivalent) There are five parts to the assessment:

Section A: Overall 20 marks (Identifying and investigating design possibilities)
Identification and investigation of a design possibility, investigation of client/end user needs, wants and values, research conclusions and practical primary research .

Section B: Overall 10 marks (Design Brief & Specification)
Identification and evidence of a clearly written Brief and Specification linking to previous research.

Section C: Overall 25 marks (Development of Design Proposals)
Design ideas, development of design idea, final design solution, review of development and final design and communication of design ideas.

Section D: Overall 25 marks (Developing design Prototypes)
Design, manufacture and realisation of a final prototype, including tools and equipment and quality and accuracy.

Section E: Overall 20 marks (Analysing and Evaluating)
Testing and evaluation.

A Level Product Design Useful Resources



App, Magazine and website

Website:

<https://www.wallpaper.com/>

Wallpaper* Architecture Design Art Travel Remotizing Beauty & Grooming Transport Technology Fashion Watches &

Design

Travel with us to design weeks and experience refined interior design from across the globe. Get the first look at all-new modern furniture, and contemporary craft every day.



Salone del Mobile (14 hours ago)

Salone del Mobile 2022: discover Milan Design Week

DESIGN (12 hours ago)

Welcome to Baxter Lago, an Italian furniture showcase at Lake Como

DESIGN (1 day ago)

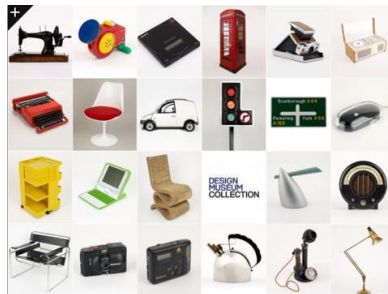
Design podcasts to discover: creative giants share smalltalk and big ideas

Wallpaper Case Studies - Wallpaper* magazine is the world's number one global design publication, championing the best in art, architecture, interiors, fashion and contemporary lifestyle. This is an awesome tool that enables you to quickly pick a topic and flick through many a creative design with instant access to information about the design and the designer. Quick inspiration tool!



website

<https://designmuseum.org/>



The Design Museum Collection - Presents remarkable objects from London's Design Museum; these key pieces from the collection are explored through film, audio, text and photographs. Search options include: time, material, colour, location, manufacturer and designer. Classic pieces include: the Anglepoise lamp, the Dyson vacuum.



Website

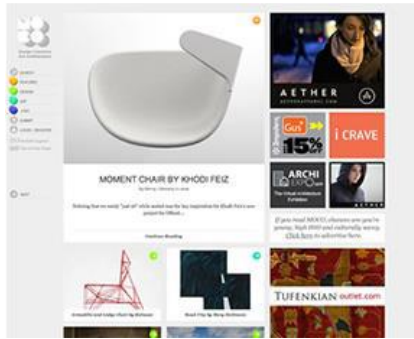
<https://www.dezeen.com>



Dezeen - The world's most influential architecture, interiors and design magazine, packed full of video's and interviews with designers who deal with current issues. This helps with listening, reading and evaluating relevant and current product design.

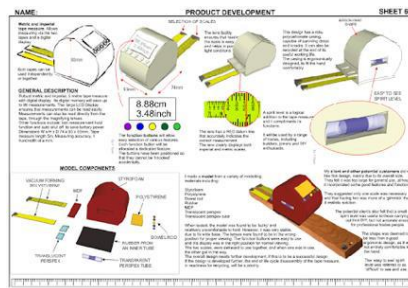


Website
<https://mocoloco.com/>



MoCoLoco - is a web magazine dedicated to everything related to modern contemporary design and architecture.

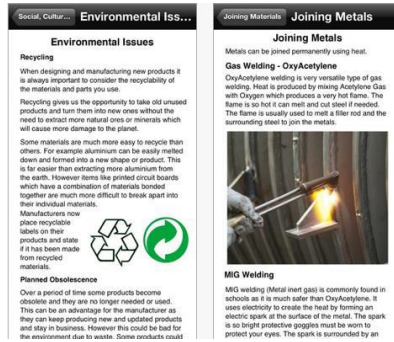
Website:
<https://www.technologystudent.com>



Technology Student
 A website with lots of free specific DT technical information.



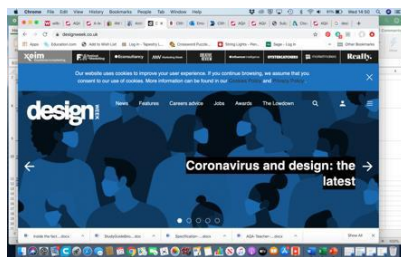
Product Design App
 (cost £0.99)



The application includes information and revision quizzes for Product Design as well as general guidance for coursework and controlled assessment tasks.



Design Week
<https://www.designweek.co.uk>



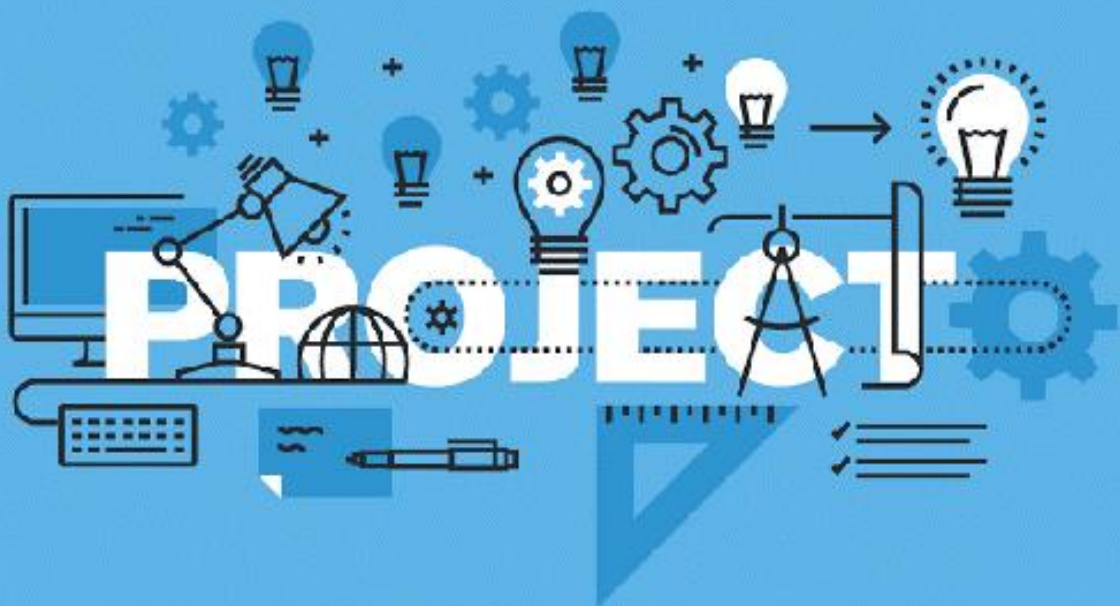
A weekly web-magazine on all things design. Has some great current case-studies.

Summer Learning Project

Please select one of the following designers and complete a mini research project over the summer holidays.






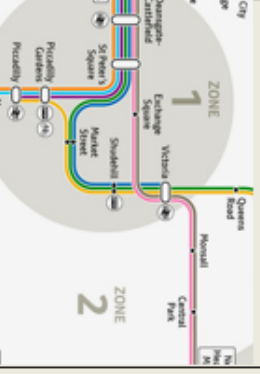

You may choose to present your work in whatever media/materials you choose. This could be PowerPoint, Card, Paper, Collage, Video, 3D Models or anything else you think would be appropriate.

You will present your project when we return in September to the class so be ready!!!






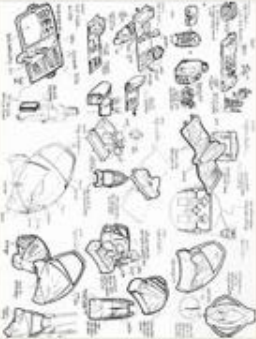


D&T A Level - Designer Challenge

Below are 5 activities for you to complete. You can use any materials e.g. pen, pencil, paint, colouring pencils and you can present theses on paper, card, Microsoft Word or PowerPoint. JUST BE CREATIVE!

<p>1. Investigate the designer Margaret Calvert.</p> <p>Create an information page/ fact file to teach others about this designer. Include key dates and information from their career and explain their iconic status/style.</p>	<p>2. Using images, create an inspiration board communicating what the designers are famous for.</p>	<p>3. Design a schematic map that describes your route to school. Use symbols, pictures, colours, shapes and lines to show landmarks, junctions and other key points along the way. You can choose a different journey that you do on a regular basis if your school journey is, for example, very short.</p>	<p>4. Use the internet to find an image of the Metrolink Map. Explain underneath the similarities with the London underground map.</p> <p>How could you improve the Metrolink map?</p>	<p>5. In the style of Margaret Calvert, you are now going to design your own sign. This can be a sign for any purpose (it doesn't have to be a road sign) but it must be done in the same style as Margaret Calvert.</p> <p>Explain the meaning of your sign.</p>
 	 			



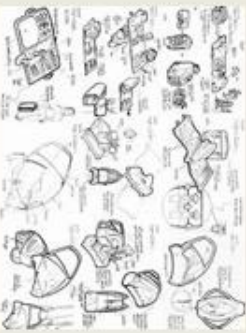


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<p>1. Investigate the designer James Dyson</p> <p>Create an information page/ fact file to teach others about this designer. Include key dates and information from their career and explain their iconic status/style.</p> 	<p>2. Create an inspiration board of designs and products created by the designer you researched.</p>  	<p>3. Select your favourite designs/products from this Designer and say why they are your favourite. How would you make them different?</p> 	<p>4. Create a mood board on a particular theme this should link to the designer you have researched.</p> 	<p>5. Using all of the research you have done so far on this slide design a new product. This should be a new idea but take inspiration from the research you have done already, Remember to consider materials, construction detail and decorative techniques. Also explain who this design is for e.g. intended user client.</p> 
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