

Preparing for A Level Product Design – 24/25



A-Level Product Design in September 2024

Well done for achieving at least a level 5 in GCSE D&T and Maths!

Complete the following activities over the summer to prepare yourself for the very large step up to A-Level from GCSE.



Exam board information



Course Specification:

Scan read the product design section (pages 23-37)

<https://www.eduqas.co.uk/media/kc1pvixc/a-level-design-and-technology-specification.pdf>

E-Textbook - Digital resources for each unit of work:

Have a look, you don't have to read them all.

<https://resources.eduqas.co.uk/Pages/ResourceSingle.aspx?rId=1077>



Watch these...

How to Make – New Series BBC 4

Thursdays BBC Four 8PM or catch up on iplayer.

<https://www.bbc.co.uk/programmes/m000gwzg>

Soup cans and superstars BBC iplayer.

Pop Art and its influence on the wider world.

<https://www.bbc.co.uk/programmes/b067ftp7>

Bauhaus 100 BBC iplayer

The story of the design school and its influence on the world.

<https://www.bbc.co.uk/iplayer/episode/m0007trf/bauhaus-100>

Rams; principles of good design Vimeo

https://vimeo.com/304626830?fbclid=IwAR0Fpw_FKbVLDPKireqhpgXs1N1U8xE0lvmzGFxNaGUEEjlgKqUb9SaAVg

First Secret of Good Design – TED talk

<https://www.youtube.com/watch?v=9uOMectkCCs>

Biomimicry Design – TED talk

https://www.youtube.com/watch?v=k_GFq12w5WU

Abstract: The Art of Design - Netflix

<https://www.netflix.com/gb/title/80057883>



Try these...

Design in a nutshell

Design era talks plus try the quiz to find out which designer your design thinking is similar to.

http://www2.open.ac.uk/openlearn/design_nutshell/

Sketch-a-day

Spencer Nugent developing sketching skills

https://www.youtube.com/channel/UCBtSgEZk914z5InEs_U2J3w

Design Ventura Mini Challenge

<https://ventura.designmuseum.org/2020/03/30/design-ventura-online-mini-challenge/>

Virtual Museums

V&A London

Take a trip through their collections

<https://www.vam.ac.uk/collections?type=featured>

Design Museum

Digital Museum content

<https://designmuseum.org/digital-design-calendar>

Design information

<https://designmuseum.org/design>

Designers information

<https://designmuseum.org/designers>



Listen to these...

50 things that made the modern economy.

Series of podcasts about all sorts of products that have changed the way we live; some surprising choices.

<https://www.bbc.co.uk/programmes/b08k9pv0>

30 animals that made us smarter

Series of podcasts about how studying animals and biomimicry has helped humans develop new products.

<https://www.bbc.co.uk/programmes/w13xttw7/episodes/downloads>



Course related textbooks

Full A Level Textbook – expensive and not directly for our specification but is a useful resource.



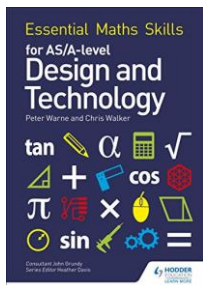
https://www.amazon.co.uk/AQA-AS-Level-Design-Technology/dp/1510414088/ref=sr_1_1?crid=2YQHELNJ1Z7CC&dchild=1&keywords=design+and+technology+a+level&qid=15861

Revision Guide – cheaper than the full textbook but succinct and to the point support.



https://www.amazon.co.uk/My-Revision-Notes-Technology-Product-ebook/dp/B07FCX7SH8/ref=pd_sbsd_14_1/259-9388548-9027630?encoding=UTF8&pd_rd_i=B07FCX7SH8&pd_rd_r=8b0058ff-76bd-460f-bbb0-e20bcd53e83b&pd_rd_w=DsfNU&pd_rd_wg=0tqKx&pf_rd_p=6325e962-1fe3-4877-92b0-6ec523db95c5&pf_rd_r=KQB9A4B2NTV10JSA5NTJ&psc=1&refRID=KQB9A4B2NTV10JSA5NTJ

Maths for D&T A Level – Support for the Maths content.



https://www.amazon.co.uk/Essential-Maths-Skills-Design-Technology/dp/1510417060/ref=sr_1_4?crid=2YQHELNJ1Z7CC&dchild=1&keywords=design+and+technology+a+level&qid=1586177928&sprefix=design+and+technology+%2Caps%2C155&sr=8-4



Other reading online

Design Week Magazine Online

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

Make Magazine Online

<https://makezine.com/tag/uk/>

Science Focus online – links to materials and technology developments.

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



Other reading books

Materials for Design Chris Lefteri ISBN978-1-78067-344-8

Making IT Manufacturing Techniques for PD Chris Lefteri ISBN 978-1-85669-749-1

The Pocket Universal Principles of Design: William Liddell ISBN: 978-1631590405

The Pocket Universal Methods of Design: Hannington & Martin ISBN: 978-1631593741