

## Design and Technology- A level

If you are studying D&T next year then you should use the information on this page to help you develop design ideas, tips for the exam and strategies to support you organise your time.

### 1. After each lesson

Proof read work and make sure you understand next steps. Write down any key things you need for next lesson, for example – if you need any further research, plan visits etc.

### 2. Weekly

Use the specification breakdown to pick a topic to revise. The theory books and blank mind maps are in teams.

### 3. Fortnightly

Check the deadlines, make sure you are up to date to hit those deadlines. If you are falling behind, make a note of what you need to do and work through it.

### 4. After each submission date

Analyse the assessment criteria for the next section. What are the requirements? Make a plan of action with a clear focus of what you need to do. Include time for further research into current trends / fashions / developments in technology as this could you to further develop ideas.

### 5. Throughout the year

Complete past paper questions with mark schemes are made available on WJEC.

<https://www.wjec.co.uk/qualifications/>

You should work through these questions to test your knowledge and critically assess your work using the mark schemes. Aim for two every half term!

### Online Reading

[Design Week - online design magazine](#)– Keep up to date with weekly news stories coming from the design world.

[Make: DIY Projects and Ideas for Makers \(makezine.com\)](#)- Keep up to date with new technologies and products that are being developed.

[BBC Science Focus Magazine - science, nature, technology, Q&As - BBC Science Focus Magazine](#)– Discover new and up and coming materials.

## Unit 2/4 SUBMISSION DATES

Assessment criteria / <b>Meini prawf asesu</b>	Submission date / <b>Dyddiad cyflwyno (w/b)</b>
Identifying and designing design possibilities <b>Adnabod a dylunio posibiliadau dylunio</b>	October 5th 2022 <b>Hydref 5ed 2022</b>
Developing a design brief and specification <b>Datblygu briff dylunio a manyleb</b>	November 16th 2022 <b>Tachwedd 16eg 2022</b>
Generating and developing design ideas <b>Cynhyrchu a datblygu syniadau dylunio</b>	February 1st 2023 <b>Chwefror 1af 2023</b>
Manufacturing a prototype <b>Cynhyrchu prototeip</b>	March 29th 2023 <b>Mawrth 29, 2023</b>
Analysing and evaluating design decisions and prototypes <b>Dadansoddi a gwerthuso penderfyniadau dylunio a phrototeipiau</b>	April 26th 2023 <b>Ebrill 26, 2023</b>

### Listen to this

**Pod Cast** - 30 Animals that made us smarter [BBC World Service - 30 Animals That Made Us Smarter - Downloads](#)  
**Radio 4** – 50 things that made the modern economy [BBC World Service - 30 Animals That Made Us Smarter - Downloads](#)

### Have a go at these

[OU Design \(open.ac.uk\)](#)– Listen to these design era talks and then have a go at the quiz  
[Sketch A Day - YouTube](#) – Why not have a go at developing your sketching skills over the next few months.  
[Design Ventura Online Mini Challenge - Design Ventura \(designmuseum.org\)](#)– Fancy a design challenge and the opportunity to win some nice prizes have a go at these.  
[V&A · Explore The Collections \(vam.ac.uk\)](#)– Take a trip through their online collection and find your favorite products.

### A Level Specification

Read through the 'Product Design' section pages 23-25 to gain and understanding of the expectations of the coursework.

[AS/A Level Design and Technology \(wjec.co.uk\)](https://www.wjec.co.uk/)

### CAD

#### 2D Design V3 - free home license

Continue to play with 2D design skills using 2D design Version 3, you can download the free version.

[TechSoft Design V3 - Software Download | TechSoft](#)

### TV Shows to watch

- [1. BBC Four - How to Make](#)
- [2. BBC Four - Bauhaus 100](#)
- [3. Dieter Rams' 10 Principles of Good Design on Vimeo](#)
- [4. Biomimicry in action | Janine Benyus – YouTube](#)