

MOCK EXAM INFORMATION FOR PUPILS DESIGN & TECHNOLOGY



Which paper will I sit for the mock ?

Core Technical Principles

- New and emerging technologies
- Energy generation and storage
- Developments in new materials
- Systems approach to designing
- Mechanical devices
- Materials and their working properties

Specialist Technical Principles - Timber

Designing and making principles

How long is the exam? 2 hours

What do I need to revise?

The core technical principles
Specialist principles - Timbers
Designing and making principles

Where can I find this information?

BBC Bite size and Seneca
Or photocopies of revision pages from your teacher

What are top revision tips for this paper?

Write the keywords from the list below and find the relevant information on the 2 web sites and mindmap the information.
Practice drawing from different angles; isometric, side view, front view and plan view.

Other useful links:

Seneca - log on, go onto AQA DT and revise the topics listed: <https://app.senecalearning.com/classroom/course/b4e64de8-a5d1-411b-81e2-aa4e2016e908/section/32cf34cb-5489-4210-9c3c-c504c87aadf7/session>

Core Principles:

- 1.13 Sustainability
- 1.17 Production techniques
- 1.18 Emerging technology
- 1.2.2 Renewable energy
- 1.3.1 Modern materials
- 1.3.2 smart materials
- 1.6 all materials
- 1.7.1 physical and working properties

Specialist principles -Timber:

- 3.1 selection of materials
- 3.2 forces and stresses
- 3.3 ecological and social
- 3.5.1 properties of materials

- 3.6 stockforms
- 3.7 scales of production

Designing and making principles;

- 4.1 all of this section
- 4.6 prototypes

And use BBC Bitesize - AQA DT
<https://www.bbc.co.uk/bitesize/examspecs/zby2bdm>