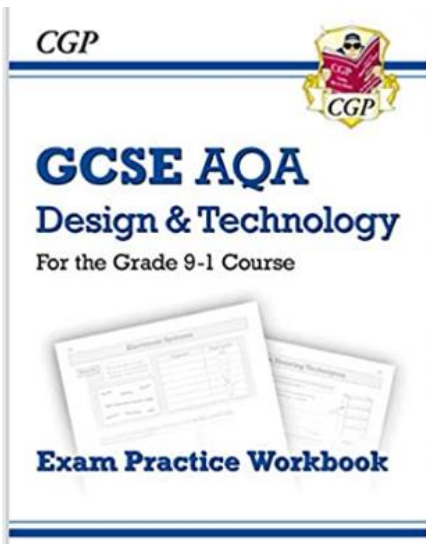
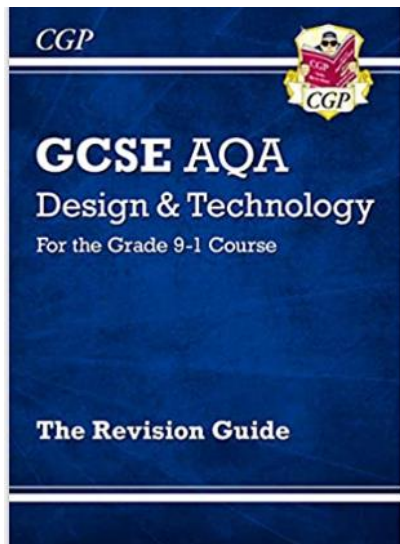


THE REVISION GUIDE



Paper 1

What's assessed

- Core technical principles
- Specialist technical principles
- Designing and making principles

How it's assessed

- Written exam: 2 hours
- 100 marks
- 50 % of GCSE

Questions

Section A: Core technical principles (20 marks)

Multiple choice and short answer questions assess broad technical knowledge and understanding.

Section B: Specialist technical principles (30 marks)

Several short answer questions (2–5 marks) and one extended response to assess a more in depth knowledge of technical principles.

Section C: Designing and making principles (50 marks)

Short and extended response questions, includes a 12 mark design question.

NEA- What needs to be in your folder:

A01	A - Identifying & investigating design possibilities	10 MARKS	1	Analysis of context
			2	User/Client Profile/needs and wants
			2	The work of others (in the chosen topic)
			3	Product Analysis/Disassembly
			3	Design Strategy/impact on society
A01	B - Producing a design brief & specification	10 MARKS	4	Design brief
			4	Specification
A02	C - Generating design ideas	20 MARKS	5, 6, 7	Initial Ideas x 3 pages (with client feedback and reference to research)
			8, 9	Initial Ideas reviewed and initial developments
	D - Developing design ideas	20 MARKS	10	Development Sketches
			11	3D Development model and/or CAD
			12,13	New Iterations following first modelling
			14	Further Modelling / Testing
		15	Cutting List/Working Drawing/Components	
A02	E - Realising design ideas	20 MARKS		Practical Work
			16,17	Manufacturing Diary - Photographic evidence
A03	F - Analysing & Evaluating	20 MARKS	18	PHOTOS - Evaluation and client/user/3rd party testing
			19	Testing against the specification
			20	Modifications: proposed changes made during the making + Why

Useful websites:

- www.technologystudent.com
- Bbc bitesize
- Seneca
- <https://revisionworld.com/gcse-revision/design-technology>
- <http://www.mr-dt.com/>

For the GCSE DT SWAY link with even more info visit:

- <https://sway.office.com/5Ec1nTAVbGgFBGjL?ref=Link>

Key dates:

- 17th Feb- Practical due to be completed
- 10th March- Coursework folder to be completed

YEAR 11 PROJECT



Portfolio and final practical piece.

NEA is worth 50% of the overall grade and must relate to the contexts we provide on 1 June the academic year before students submit work. NEA should take approximately 30–35 hours and is not material area restricted. Students produce a prototype.

Non-exam assessment

What's assessed

Practical application of:

- Core technical principles
- Specialist technical principles
- Designing and making principles

How it's assessed

- Non-exam assessment (NEA) approximately 30–35 hours
- 100 marks
- 50 % of GCSE

What should students produce

- Substantial design and make task.
- Assessment criteria to include the following:
 - investigating
 - designing
 - making
 - analysing and evaluating.

In the spirit of the iterative design process, the above should be awarded throughout each stage of the design process.

Task(s)

- Contextual challenges to be released annually by AQA on 1 June, in the year before submission.
- Students will produce a working prototype and a portfolio of evidence (maximum 20 pages) to demonstrate the assessment criteria above.
- Work will be marked by teachers and moderated by AQA.