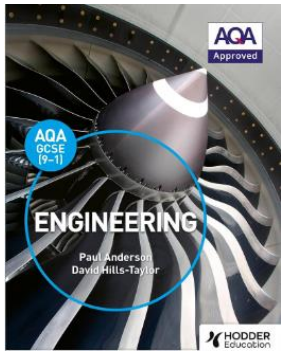
Exam Board	Recommended revision guide	Support available in school
AQA (8852)		Catch-up sessions Mon-Thurs Lunchtimes.

Engineering

Revision Schedule 2024

Useful online resources	Exam date(s)
https://www.technologystudent.com - May look dated but lots of information on here.	12th June – morning paper (2hrs)

January					
Week beginning…	**Topic**	**Content to revise**	**Complete (tick)**	**Knowledge test score**	**Weeks left**
Monday 8th	1 - Engineering materials Page 1	- 1.1 Materials and their properties page 2 - 1.2 Material costs and supply page 19			18
Monday 15th	1 - Engineering materials Page 1	- 1.3 Factors influencing design of solutions page 24			17
Monday 22nd	2 - Engineering manufacturing processes Page 33	- 2.1 Additive manufacturing page 34 - 2.2 Material removal page 37			16
Monday 29th	2 - Engineering manufacturing processes Page 33	- 2.3 Shaping, forming and manipulation page 44 - 2.4 Casting and moulding page 49 - 2.5 Joining and assembly page 53			15
February					
Monday 5th	2 – Engineering manufacturing processes Page 33	- 2.6 Heat and chemical treatment page 60 - 2.7 Surface finishing page 63			14
Monday 12th	3 – Systems Page 67	- 3.1 Describing systems page 68 - 3.2 Mechanical systems page 72			13
Monday 19th	3 – Systems Page 67	- 3.3 Electrical systems page 80 - 3.4 Electronic systems page 85			12
Monday 20th	3 – Systems Page 67	- 3.5 Structural systems page 97 - 3.6 Pneumatic page 100			11

March					
Monday 4th	4 – Modelling and calculating Page 67	- 4.1 Modelling and calculating page 106			10
Monday 11th	4 – Modelling and calculating Page 67	- 4.2 Testing page 124 - 4.3 Aerodynamics page 132			9
Monday 18th	5 – The impact of modern technologies Page 137	- 5.1 The impact of modern technologies page 138			8
Monday 25th	6 – Practical engineering skills Page 145	- 6.1 Problem solving page 146 - 6.2 Engineering drawings and schematics page 148			7
April					
Monday 1st	6 – Practical engineering skills Page 145	- 6.3 CAD,CAM and CNC page 159			6
Monday 8th	6 – Practical engineering skills Page 145	- 6.4 Testing materials page 166 - 6.5 Production plans page 169			5
Monday 15th	6 – Practical engineering skills Page 145	- 6.6 Predict performance using calculations and modelling page 173 - 6.7 Select and use materials, parts, components, tools and equipment page 180			4
Monday 22nd	6 – Practical engineering skills Page 145	- 6.8 Select and use appropriate processes page 183			3
Monday 29th	6 – Practical engineering skills Page 145	- 6.9 Apply quality control methods and techniques page 190			2

May					
Monday 6th	6 – Practical engineering skills Page 145	- 6.10 Design tests to assess fitness for purpose and performance page 194			1
Monday 13th					0
Monday 20th					0
Monday 27th					0
June					
Monday 3rd					0
Monday 10th					0
Monday 17th					0