



Design & Technology

Student: _____

Target Grade:

Predicted Grade:

Mock - November (2018) grade:

Key Dates

Exam Date: 24th May PM

01 Written Paper (2hrs) 50%

02 Controlled assessment 50%

Extra support available

Additional support is available on request Monday Evenings from 3:30 – 5pm with subject staff (D12)

Private comments sent on Google Classroom will be answered at our earliest convenience to help support students NEA assessment away from school. Students can also access their NEA (coursework) at home via 'classroom'.

The revision book can be purchased via student services - £4.05.

Revision Websites - <http://www.technologystudent.com/>
<https://www.bbc.co.uk/education/subjects/zvg4d2p>



KEEP CALM AND START REVISION

Design & Technology - Revision Programme 2018/19

Week start	Topic	Revision tasks	Revision Guide Pages
10.12.18	Design considerations	Revise the following areas: Exploring context and factors affecting the design process, Usability, Exploring existing designs, New and emerging technologies, Sources of energy, Wider influences on designing and making, Viability of design solutions	8 - 21
17.12.18	Design Consideration – Practice questions	Complete practice questions linked to Design Considerations Check your answers at the back of the book	22- 25
24.12.18	Communicating design Ideas	Revise the following areas: Graphical techniques 1, Graphical techniques 2, Approaches to designing	26 -31
31.12.18	Communicating design Ideas – Practice questions	Complete practice questions linked to the communication of design ideas Check your answers at the back of the book	36 - 37
7.1.19	Practice questions - Review	Complete 'Review' style questions on the topic covered so far. How much have you remembered? Check your answers at the back of the book	33 – 35 56 – 57
14.1.19	Material Considerations	Revise the following areas: Properties of materials, factors influencing material selection, Paper and board, Timber	38 - 45
21.1.19	Material Considerations	Revise the following areas: Metals, Polymers, Textiles, New development in materials, Standard components	46 - 55
28.1.19	Material Considerations	Use your exercise books to revise the in-depth knowledge you have covered linked to: Timber, Polymers, Metals	-
4.2.19	Material Considerations – Practice questions	Complete practice questions linked to Material considerations Check your answers at the back of the book	58 - 63
11.2.19	Technical Understanding	Revise the following areas: Finishing materials, Structural integrity, Motion and levers, Mechanical devices, Electronic systems, Programmable components	64 - 75
18.2.19	Technical Understanding – Practice questions	Complete practice questions linked to Technical understanding Check your answers at the back of the book	82– 85
25.2.19	Practice questions - Review	Complete 'Review' style questions on the topic covered so far. How much have you remembered? Check your answers at the back of the book	76 – 81 104 – 107
4.3.19	Manufacturing processes and techniques	Revise the following areas: Modelling processes, Wastage, Additive manufacturing processes, Deforming and reforming	86 - 93
11.3.19	Manufacturing processes and techniques	Revise the following areas: Ensuring accuracy, Digital design tool, scales of manufacture	94 - 99
18.3.19	Manufacturing processes and techniques	Revise the following areas: Large-scale processes: Paper, Timber, Metals, Polymers and Fabrics	100 - 103
25.3.19	Manufacturing processes – Practice questions	Complete practice questions linked to Manufacturing processes and techniques Check your answers at the back of the book	108 - 113
1.4.19	Manufacturing processes	Use your exercise books to revise the in-depth knowledge you have covered linked to manufacturing processes for: Timber and Polymers	-
15.4.19	Maths	Revise the Maths skills required for the exam Which areas do you need to focus on?	6 – 7
22.4.19	Manufacturing processes and techniques	Complete 'Review' style questions on the topic covered so far. How much have you remembered? Check your answers at the back of the book	114 - 120
29.4.19	Mixed Exam questions	Complete 'Mixed Exam' style questions on the topics covered. How much have you remembered? Check your answers at the back of the book	120 - 129
6.5.19	Exam questions	Use technologystudent.com to complete a past paper.	-