

D&T MATERIALS (AII)

Week	Dates	FOCUS
1	03-Sep	Course work – Completion of Section 1 – Identifying a Problem: Exam Topics: Product Sustainability, Products in Society, Powering Systems
2	10-Sep	Course work – Completion of Section 2 - Research. Exam Topics: Properties of Materials, Metals, alloys & polymers
3	17-Sep	Course work - Completion of Section 2 - Specification: Exam Topics: Electronic Systems, Mechanical Systems, Forces & Stresses
4	24-Sep	Course work - Section 2 – Generating Ideas: Exam topics: Developments in new materials, Selecting materials, Scales of production
5	01-Oct	Course work – Section 2 – Generating Ideas: Exam Topics: Quality Control, Moulding & joining, Understanding user need
6	08-Oct	Year 11 Mock Examinations English, Maths & Ebacs (Coursework - individual tasks to refine work)
7	15-Oct	Course work – Generating ideas / Development of design: Exam Topics: Design brief & specification, Market research, Product analysis
8	22-Oct	Course work - Generating ideas / Development of design. Exam Topics: Modelling, Drawing techniques, Isometric drawing
	29-Oct	HALF TERM
9	05-Nov	Course work - Generating ideas / Development of design. Exam topics: Marking out, Using material efficiently
10	12-Nov	Week 10 – 12.11.18 MOCK EXAMINATION D&T. Coursework tasks to refine work
11	19-Nov	Course work – Development / prototyping. Exam topic: Design strategies
12	26-Nov	Course work - Development / prototyping. Exam Topic: Drawing techniques
13	03-Dec	Course work - Development / prototyping. Exam Topic: Work of designers
14	10-Dec	Week 14 – 10.12.18 FRENCH TRIP (Coursework: Planning to manufacture)
15	17-Dec	Course work - Planning to manufacture. Exam topic: Manufacture specifications
	24-Dec	CHRISTMAS HOLIDAYS
	30-Dec	CHRISTMAS HOLIDAYS
16	07-Jan	Course work - Manufacturing. Exam Topic: CAD/CAM
17	14-Jan	Course work - Manufacturing: Exam topic: Prototypes
18	21-Jan	Course work - Manufacturing: Exam topic: Safety
19	28-Jan	Year 11 Mock Examinations Coursework: Manufacturing. Exam topic: Technology in manufacturing
20	04-Feb	Course work – Manufacturing / Testing and Evaluation. Exam topic: Paper board & timber
21	11-Feb	Course work – Manufacturing / Testing and Evaluation. Exam topic: Paper & board finishes. Take home completed practical work to test and evaluate with clients, users and 'in-situ'.
	18-Feb	HALF TERM
22	25-Feb	Course work – Final write up and submission. Exam topics: textiles, Fabric & properties
23	04-Mar	Course work – Feedback. Exam Topic: Standard components, Textiles & manufacturing boards
24	11-Mar	Revision: Exam topics: Joining fabrics
25	18-Mar	Revision: Exam topics: Standard components in textiles
26	25-Mar	Revision: Exam topic: Uses of wood, metal & polymers, production of materials
27	01-Apr	Revision. Exam topic: Properties of paper & board, production aids
28	08-Apr	Revision. Exam topic: Standard components in electronics, Properties of components in systems
	15-Apr	EASTER HOLIDAYS
	22-Apr	EASTER HOLIDAYS
29	29-Apr	Revision. Exam topic: Printing, dyeing
30	06-May	Revision. Exam topic: Shaping tools, shaping techniques
31	13-May	Revision. Exam topics: Machine & power tools, Treatments & finishes
32	20-May	Revision. Exam topic: Cutting, drilling, soldering, PCB production & surface treatments 24th May GCSE Exam
	27-May	HALF TERM
33	03-Jun	
34	10-Jun	
35		
36		