

**2019 - 2020 KS3 Engineering Curriculum Plan**

Week	Day	W/C	Year 7/8 - 2 Lessons Per Week
1	Wednesday	28/08/2019	Introduction. Rules of the workshop group task.
2	Mon/Wed	02/09/2019	Materials & Tools
3	Monday	09/09/2019	Design development and adaptation
4	Monday	16/09/2019	Intro to 2D design and CAD development
5	Monday	23/09/2019	2D design and CAD development
6	Monday	30/09/2019	2D design and CAD development
7	Monday	07/10/2019	Laser cutting, exporting files and laser cutter set-up
8	Monday	14/10/2019	Introduction to workshop machines and practical work.
Half Term	Monday	21/10/2019	
	Monday	28/10/2019	
9	Monday	04/11/2019	Practical - Marking out and measuring.
10	Monday	11/11/2019	Practical - Pillar drills , sanding, hand tools.
11	Monday	18/11/2019	Practical and assembly
12	Monday	25/11/2019	Evidencing project, photographing and evaluation.
13	Monday	02/12/2019	End of Unit Assessment
14	Monday	09/12/2019	Introduction to Module 2 - Vacuum forming and soldering
15	Monday	16/12/2019	CAD development of Acrylic components
Christmas	Monday	23/12/2019	
	Monday	30/12/2019	
16	Monday	06/01/2020	Laser cutting and Vacuum forming - Practical
17	Monday	13/01/2020	Mitre saw and Pillar Drill - Practical
18	Monday	20/01/2020	Soldering - Practical
19	Monday	27/01/2020	Assembly - Practical
20	Monday	03/02/2020	End of Unit Assessment
21	Monday	10/02/2020	Introduction. Rules of the workshop group task.
Half Term	Monday	17/02/2020	
22	Monday	24/02/2020	Materials & Tools
23	Monday	02/03/2020	Design development and adaptation
24	Monday	09/03/2020	Intro to 2D design and CAD development
25	Monday	16/03/2020	2D design and CAD development
26	Monday	23/03/2020	2D design and CAD development
27	Monday	30/03/2020	Laser cutting, exporting files and laser cutter set-up
Easter	Monday	06/04/2020	
	Monday	13/04/2020	
28	Monday	20/04/2020	Introduction to workshop machines and practical work.
29	Monday	27/04/2020	Practical - Marking out and measuring.
30	Monday	04/05/2020	Practical - Pillar drills , sanding, hand tools.
31	Monday	11/05/2020	Evidencing project, photographing and evaluation.
32	Monday	18/05/2020	End of Unit Assessment
Half Term	Monday	25/05/2020	
33	Monday	01/06/2020	Introduction to Module 2 - Vacuum forming and soldering
34	Monday	08/06/2020	CAD development of Acrylic components
35	Monday	15/06/2020	Laser cutting and Vacuum forming - Practical
36	Monday	22/06/2020	Mitre saw and Pillar Drill - Practical
37	Monday	29/06/2020	Soldering - Practical
38	Monday	06/07/2020	Assembly - Practical
39	Monday	13/07/2020	End of Unit Assessment
Summer			