

## Half-term Three January – February

### Year 10 Engineering Design

Lesson	Instructions	Resources	Curriculum
1	<b>LO1: Be able to generate design proposals using a range of techniques</b> Using a piece of A4 paper practice drawing your phone using the three techniques explained in video 1	<a href="#">Video 1</a> 3D sketching by hand	R107: Developing and presenting engineering designs
2	<b>LO1: Be able to generate design proposals using a range of techniques</b> Create 6-8 different design ideas using a combination of 2D and 3D drawings with labels and annotations	<a href="#">Video 2</a> Design sketching with annotations and labelling	
3	LO2: Know how to develop designs using engineering drawing techniques and annotations	<a href="#">Video 3</a> logging into Sketch up to develop and save design ideas <a href="#">Video 4</a> development page evidence with labels and annotations	
4	LO3: Be able to use Computer Aided Design (CAD) software and techniques to produce and communicate design proposals	<a href="#">Sketch up tutorial programme video link</a>	
5	LO3: Be able to use Computer Aided Design (CAD) software and techniques to produce and communicate design proposals	<a href="#">Designing</a> with sketch up	

Please email any queries and completed work to **Mrs Barnard**

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