

<b>Subject: Engineering</b>					
<b>Date</b>	<b>Specific Topic</b>	<b>Suggested Tasks</b>			<b>Ideas and top tips</b>
		<b>Prepare it</b>	<b>Learn it</b>	<b>Apply it</b>	
<b>28/1/19</b>	AO1 – The Design Cycle with specific focus on Identify	Produce a mind map on the design cycle with specific reference to the identify stage.	Rewrite the mind map- any gaps from your original mind map write in red and learn the red	Re write the mind map – repeat until all black	Use pages 1-3 of revision guide
4/2/19	AO1 – The Design Cycle with specific focus on Design and Optimise	Produce flash cards for aspects of Design and optimise	Learn it by asking friends and family to test you	What aspects of Design and optimise would engineers need to consider when designing the next I phone or apply it to a product you use a lot.	Use page 4 and 5 of revision guide
11/2/19	AO1 – The Design Cycle with specific focus on Validate	Produce flash cards for aspects of Design and optimise	Learn it by asking friends and family to test you	Look in your kitchen or garage- find a few items. How would this product have been validated?	Use page 6 of revision guide
Half term	AO1 – The Design Cycle	Create a mind map which covers all aspects of the cycle – use all your flash cards to help you with this task and pages 7 and 8 of revision book	Rewrite the mind map- any gaps from your original mind map write in red and learn the red	Re write the mind map – repeat until all black	Use page 7 and 8 of revision book
25/2/19	AO2 – Design Specification with specific focus on - Requirements of a design spec	Produce flash cards on design spec and user requirements. Use ACCESS FM to help	Learn it by asking friends and family to test you	Look in your kitchen or garage- find a few items. What do you think the user requirements would	Use pages 9-11 of revision guide

	- User requirements			have been, and what the specification was – Apply ACCESS FM to it	
4/3/19	AO2 – Design Specification with specific focus on <ul style="list-style-type: none"> <li>- Production costs</li> <li>- Common symbols</li> <li>- Trademarks</li> </ul>	Create questions and answer cards around these topics	Get family and friends to test you	Write out the questions and without your cards answer them in black – any you got wrong answer in red and memorise the red.	Use pages 12-13 of revision guide
11/3/19	AO3 – Wider influences on the design of new products	Produce flash cards on the main areas	Get family and friends to test you	Apply this knowledge to your phone and other household items you may have at home	Use pages 14-15 of revision guide
18/3/19	AO3 – Wider influences on the design of new products <ul style="list-style-type: none"> <li>- Life cycle analysis and sustainable design</li> </ul>	Create questions and answer cards around these topics	Get family and friends to test you	Write out the questions and without your cards answer them in black – any you got wrong answer in red and memorise the red.	Use page 16 of revision guide