



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
<b>UNIT 1</b>	Learning Aim A2 Learning Aim C1 Learning Aim E1	Learning Aim A2 Learning Aim C1 Learning Aim F1	Learning Aim A2 Learning Aim C1 Learning Aim F1	Learning Aim A2 Learning Aim C1 Learning Aim F1	Learning Aim A2 Learning Aim D1 Learning Aim G1	Learning Aim 21 Learning Aim D1 Learning Aim G1
<b>UNIT 10</b>	<ul style="list-style-type: none"> <li>Pupils to work through relevant Solidworks tutorials to prepare them for Learning Aim B Assignment.</li> <li>Unit 10. Learning Aim B Deadline 11/2/2022</li> </ul>					
<b>Knowledge &amp; Skills development</b>	<ul style="list-style-type: none"> <li>Unit 1. Engineering Principles: Learning Aims A, B, C, C, D, E, F, G</li> <li>Unit 10. Learning aim B: Develop two-dimensional detailed computer-aided drawings of an engineered product that can be used as part of other engineering processes.</li> <li>B1 2D drawing commands</li> <li>B2 Development of 2D engineering drawings</li> <li>B3 Output of 2D drawings</li> </ul>					
<b>Assessment / Feedback Opportunities</b>	Cold calling to check for understanding. Visual check on note taking. Visual check on CAD ability/understanding. Marking of homework and in class quizzing.					
<b>Cultural Capital</b>	Pupils develop understanding of Engineering sectors and roles involved.					
<b>SMSC / Promoting British Values</b> (Democracy, Liberty, Rule of Law, Tolerance & Respect)	Working in groups to discuss Engineering sectors helps promote tolerance, respect for each other.					
<b>Reading opportunities</b>	Reading research on Engineering sectors and organisations.					
<b>Key Vocabulary</b>	Engineering, aerospace, automotive, communications, electrical/electronics, mechanical, environmental, transport, rail and marine					
<b>Digital Literacy</b>	CAD					

Careers	Pupils develop knowledge of the following engineering sectors and the roles included; aerospace, automotive, communications, electrical/electronics, mechanical, environmental, transport, rail and marine.
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