

Subject	Engineering	
Week	Learning	Activities
<p>Week beginning 8<sup>th</sup> June</p>	<p><b>Topic: Engineering disciplines</b></p> <p>In this lesson you will...</p> <ul style="list-style-type: none"> <li>• <b>Identify</b> different engineering disciplines</li> <li>• <b>Explain</b> how the applications of different engineering disciplines has solved problems.</li> <li>• <b>Evaluate</b> how the application of different engineering disciplines shaped the modern world through projects and products</li> </ul>	<p><b>PowerPoint activities</b></p> <p>Follow the instructions and guidance to watch the video and work through the tasks.</p> <p>Then follow the instructions to complete the progress check assigned by your teacher on Teams.</p> <p>Submit your answers, these will be marked and returned to you.</p>
<p>Week beginning 15<sup>th</sup> June</p>	<p><b>Topic: Mechanical Engineering</b></p> <p>In this lesson you will...</p> <ul style="list-style-type: none"> <li>• <b>Identify</b> different projects and products of mechanical engineering.</li> <li>• <b>Explain</b> how the applications different projects and products of mechanical engineering has solved problems.</li> <li>• <b>Evaluate</b> how the application of mechanical engineering shaped the modern world through projects and products.</li> </ul>	<p><b>PowerPoint activities</b></p> <p>Follow the instructions and guidance to watch the video and work through the tasks.</p> <p>Submit a photo or screen shot of the final quiz results to your teacher on teams – these will be reviewed but not marked.</p>

<p>Week beginning 22<sup>nd</sup> June</p>	<p><b>Topic: Electrical, Aerospace and Communications</b></p> <p>In this lesson you will...</p> <ul style="list-style-type: none"> <li>● <b>Identify</b> different projects and products of Electrical and Electronic, Aerospace and Communications engineering.</li> <li>● <b>Explain</b> how the applications different projects and products of Electrical and Electronic, Aerospace and Communications engineering has solved problems.</li> <li>● <b>Evaluate</b> how the application of Electrical and Electronic, Aerospace and Communications engineering shaped the modern world through projects and products.</li> </ul>	<p><b>PowerPoint activities</b></p> <p>Follow the instructions and guidance to watch the video and work through the tasks.</p> <p>Submit a photo or screen shot of the final quiz results to your teacher on teams – these will be reviewed but not marked.</p>
<p>Week beginning 29<sup>th</sup> June</p>	<p><b>Topic: Chemical, Civil and Automotive Engineering</b></p> <p>In this lesson you will...</p> <ul style="list-style-type: none"> <li>● <b>Identify</b> different projects and products of Chemical, Civil and Automotive engineering.</li> <li>● <b>Explain</b> how the applications different projects and products of Chemical, Civil and Automotive engineering has solved problems.</li> <li>● <b>Evaluate</b> how the application of Chemical, Civil and Automotive engineering shaped the modern world through projects and products.</li> </ul>	<p><b>PowerPoint activities</b></p> <p>Follow the instructions and guidance to watch the video and work through the tasks.</p> <p>Then follow the instructions to complete the progress check assigned by your teacher on Teams.</p> <p>Submit your answers, these will be marked and returned to you.</p>

<p>Week beginning 6<sup>th</sup> July</p>	<p><b>Topic: Biomedical and Software engineering</b></p> <p>In this lesson you will...</p> <p>By the end of the session, you <b>must</b> be able to:</p> <ul style="list-style-type: none"> <li>● <b>Identify</b> different projects and products of Biomedical and Software engineering.</li> <li>● <b>Explain</b> how the applications different projects and products of Biomedical and Software engineering has solved problems.</li> <li>● <b>Evaluate</b> how the application of Biomedical and Software engineering shaped the modern world through projects and products.</li> </ul>	<p><b>PowerPoint activities</b></p> <p>Follow the instructions and guidance to watch the video and work through the tasks.</p> <p>Submit a photo or screen shot of the final quiz results to your teacher on teams – these will be reviewed but not marked.</p>
<p>Week beginning 13<sup>th</sup> July</p>	<p><b>Topic: Health and Safety</b></p> <p>In this lesson you will...</p> <ul style="list-style-type: none"> <li>● <b>Describe</b> what is meant by the term Health and Safety</li> <li>● <b>List</b> government health and safety legislations</li> <li>● <b>Explain</b> the importance of Health and Safety in an engineering workplace</li> <li>● <b>Select</b> the most appropriate PPE for a given scenario</li> <li>● <b>Evaluate</b> the risk to an engineering company of not applying health and safety legislation.</li> </ul>	<p><b>PowerPoint activities</b></p> <p>Follow the instructions and guidance to watch the video and work through the tasks.</p> <p>Submit a photo or screen shot of the final quiz results to your teacher on teams – these will be reviewed but not marked.</p>

