



Week	Week beg	Unit	Practical	Theory	School events and public holidays	Assessment Type	Assessment Due Date
1	T14/7	Engineering Mechanics	Individual Project (Research and sketches)				
			Individual Project (Research and sketches)	Theory (Engineering Mechanics) <ul style="list-style-type: none"> <li>• Work and Energy</li> <li>• Work done by a variable force</li> <li>• Energy Conservation of Energy</li> </ul>		3 Concepts Ideas to be discussed	Wednesday 22 July 09
Individual Project (Research and sketches)	Theory (Engineering Mechanics) <ul style="list-style-type: none"> <li>• Power</li> <li>• Power of Vehicles on Gradients</li> <li>• Power Requirements of Hoists</li> </ul>						
Individual Project (Investigation)	Theory (Engineering Mechanics) <ul style="list-style-type: none"> <li>• Principles of Machines</li> <li>• Levers</li> <li>• Mechanical Advantage</li> </ul>		29/7 Interhouse Athletics	DESIGN SKETCHES	Friday 31 July 09		
Individual Project (Investigation)	<ul style="list-style-type: none"> <li>• Revision</li> </ul>		4/8 Yr 10,11,12 Parent-Teacher Interviews	EXAM (Engineering Mechanics)	Friday 08 Aug 09		
5	10/8	CATIA, Individual Project (Energy/ Transportation/ Environment/ Manufacturing)		Introduction / Refresh CATIA/Prodesktop/Revit/ CATIA/Prodesktop/Revit Booklet and Exercises	10/8 Class Photos (11&12) 11/8 Class Photos (8-10) 12/8 Exhibition holiday 13/8 Pupil-free day		
6	17/8		Individual Project (Product Design)	Finalise Investigation including <ul style="list-style-type: none"> <li>• Target Audience</li> <li>• history of the product</li> <li>• Explain why your product needs to be redesigned</li> <li>• Explain in detail the materials that are used</li> <li>• How is your product to be produced</li> </ul>		Draft Individual Assignment (Investigation + Design Ideas)	Friday 21 Aug 09
7	24/8		Individual Project (Product Design)	Individual student work	27/8 Co-curricular photo day - no assessment		

8	31/8		Individual Project (Product Design)	Individual student work	1/9, 2/9 QCST		
9	7/9		Individual Project (Product Design)	Assignment (Individual Project)	8/9 Yr 8 and 9 Parent-Teacher Interviews 9/9 Yr 12 block exams begin	Individual Assignment	Tuesday 8 Sept 09
10	14/9				16/9 Year 12 block exams finish		
Mid Semester Vacation							
1 (11)	5/10	Programmable Logic Controller (PLC) Project (Manufacture/ Control)		PLC Project <ul style="list-style-type: none"> <li>• Industry Applications</li> <li>• Logic Gates</li> </ul>	No assessment permitted		
2 (12)	12/10			PLC Project <ul style="list-style-type: none"> <li>• AND/OR Gates</li> <li>• Timers</li> </ul>	13/10 Immunisations 15/10 QCAT testing (½ day)		
3 (13)	20/10			PLC Project <ul style="list-style-type: none"> <li>• Lights</li> <li>• Switches</li> <li>• Inputs/Outputs</li> </ul>	19/10 Pupil-free day 22/10 Yr 9 QCAT testing (½ day) 23/10 Co-curricular photo day - no assessment	Draft PLC Assignment (Introduction + Investigation + Design Ideas)	Wednesday 22 Oct 09
4 (14)	26/10			PLC Project <ul style="list-style-type: none"> <li>• Relay's</li> <li>• Internal Relay's</li> </ul>	29/10 Yr 9 QCAT testing (½ day)		
5 (15)	2/11			PLC Project		PLC Assignment	Wednesday 4 NOV 09
6 (16)	9/11	YEAR 12 BLOCK EXAMS			10/11 Yr 12 Block exams begin		
7 (17)	16/11				16/11 Yr 11 block exams begin 18/11 Yr 12 blocks finish 20/11 Graduation 20/11 Last day for assessment Year 10		