



Week	Week beg	Unit	Concepts/Inquiry Questions/Skills/Topics	School events and public holidays	Assessment Type	Assessment Due Date
1	T14/7	The Physics of Fun	The definition of 'work' in a physics sense – what does it mean to do work?			
2	20/7	The Physics of Fun	Work in relation to energy – 'work equals change in energy' Types of energy – potential (gravitational, elastic and chemical), kinetic			
3	27/7	The Physics of Fun	Motion down an incline with and without friction Data logging demonstration using air track Power (rate of doing work etc)	29/7 Interhouse Athletics		
4	3/8	The Physics of Fun	Applications of work, energy and power to amusement park rides and G-forces	4/8 Yr 10,11,12 Parent-Teacher Interviews		
5	10/8	The Physics of Fun	Revision of horizontal circular motion Vertical circular motion	10/8 Class Photos (11&12) 11/8 Class Photos (8-10) 12/8 Exhibition holiday 13/8 Pupil-free day		
6	17/8	The Physics of Fun	Application of circular motion (horizontal and vertical) to amusement park rides – G-forces			
7	24/8	The Physics of Fun	Simple harmonic motion including applications	27/8 Co-curricular photo day – no assessment		
8	31/8	Electricity in the Home	Electric charge Structure of the atom Conductors and insulators Lightning	1/9, 2/9 QCST		
9	7/9		Revision	8/9 Yr 8 and 9 Parent-Teacher Interviews 9/9 Yr 12 block exams begin		
10	14/9		Supervised assessment task first lesson of the last week – The Physics of Fun	16/9 Year 12 block exams finish	Exam	First lesson of last week
Mid Semester Vacation						
1 (11)	5/10	Electricity in the Home	Electric current Conventional current versus electron current Electric circuits	EEl	No assessment permitted	
2 (12)	12/10	Electricity in the Home	Factors affecting resistance – length, cross-sectional area, type of material and temperature Potential difference and batteries/power supply Ohm's Law	EEl	13/10 Immunisations 15/10 QCAT testing (½ day)	
3 (13)	T20/10	Electricity in the Home	Series and parallel circuits	EEl	19/10 Pupil-free day 22/10 Yr 9 QCAT testing (½ day) 23/10 Co-curricular photo day – no assessment	
4 (14)	26/10	Electricity in the Home	Alternating power supplies RMS voltage and current Safety devices in the home	EEl	29/10 Yr 9 QCAT testing (½ day)	Extended Experimental Investigation (EEl) End of week 4
5 (15)	2/11	Electricity in the Home	Household wiring and power Paying for electricity			

6 (16)	9/11	Electricity in the Home	Revision	10/11 Yr 12 Block exams begin		
7 (17)	16/11	Electricity in the Home	Supervised assessment task in block exam – Electricity in the Home	16/11 Yr 11 block exams begin 18/11 Yr 12 blocks finish 20/11 Graduation 20/11 Last day for assessment Year 10	Exam	Blocks
8 (18)	23/11			25/11 Yr 11 blocks finish 27/11 Last day for assessment Years 8 & 9		
9 (19)	30/11	Alternative Program for Years 8 & 9 students commences Wednesday 2 December and concludes on Friday 11 th December. Instruction under the supervision of each Faculty will be delivered.				
10 (20)	7/12					