



Science Department Curriculum Plan

Y11 Triple Award Science – Physics 2016

Week	Topic	Sub topic	Formal Assessment
1	Static and Current Electricity	Review of Y10 work	
2			
3	Controlling and Using Currents	Current and Voltage	
4		Changing Resistances	EFA
5		Components	
6			
7			
Half Term			
8	Motion and Forces	Vectors	
9		Velocity and Acceleration	
10		v/t graphs	
11		Resultant forces	EFA
12		Free fall and terminal velocity	
13	Momentum, Energy, work and power	Momentum	
14	Mocks		
15			
Christmas			
16		Stopping vehicles and crumple zones	
17	Nuclear fission and fusion	Structure of the atom and isotopes	
18		Ionising radiation	
19		Nuclear reactions	
20		Half-life	EFA
21		Nuclear waste	
Half Term			
22	Medical Physics	The Eye	
23			
24		Scanning	
25		Heart and defibrillators	EFA
26			
27			
Easter			
28	Revision		
29			
30			EFA
31			
32			
33			
34			
Spring Bank Holiday			
35			
36			EFA
37			
38			
39			
40			