	Physics						
	Year 10 Separates	Year 10 Combined	Year 11 Separates	Year 11 Combined			
Α	Particle Model	Particle Model	Waves	Waves			
u	States of matter	States of matter	Transverse and longitudinal waves	Transverse and longitudinal waves			
t	Internal energy	Internal energy	The wave equation	The wave equation			
u	Specific latent heat	Specific latent heat	Reflection and refraction	Reflection and refraction			
m	Gas pressure, temperature and volume		Sound waves and ultrasound				
n			Seismic waves				
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А	Radioactivity	Radioactivity	Waves	Waves			
u	Structure of an atom	Structure of an atom	Electromagnetic spectrum	Electromagnetic spectrum			
t	Radioactive decay	Radioactive decay	Uses of electromagnetic waves	Uses of electromagnetic waves			
u	Uses of radiation	Uses of radiation	Reflection and refraction of light				
m	Half-life calculations	Half-life calculations	Colour				
n	Fission and fusion		Lenses				
2							
S	Electricity	Electricity	Electromagnetism	Electromagnetism			
р	Electrostatics	Electrostatics	Magnetic Fields	Magnetic Fields			
r	Current and resistance	Current and resistance	Electromagnets	Electromagnets			
i	Potential difference	Potential difference	The motor effect				
n	Characteristics of components	Characteristics of components	The generator effect				
g			Transformers				
1 S	Electricity	Electricity	Astrophysics	Revision			
	Alternating current	Alternating current	Formation of our solar system	Revision			
p r	Cables and plugs	Cables and plugs	Lifecycle of a star				
;	Power	Power	Orbits				
ı n	Efficiency of electrical devices	Efficiency of electrical devices	The start and end of the universe				
n ø							
g 2							
	Forces and Motion	Forces and Motion					
S	Vectors and scalars	Vectors and scalars					
u	Equal and opposite forces	Equal and opposite forces					
m	Moments, levers and gears	Motion graphs					
m	Adding and resolving forces						
e	Motion graphs						

r			
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S	Forces and Motion	Forces and Motion	
u	Force and acceleration	Force and acceleration	
m	Terminal velocity	Terminal velocity	
m	Stopping distance	Stopping distance	
e	Momentum	Momentum	
r	Elasticity	Elasticity	
2	Pressure		