

A-Level Physics Curriculum Map

Year 1 – A-Level Physics	
Term	Topics/Knowledge
<ul style="list-style-type: none"> ● Autumn 1 	<ul style="list-style-type: none"> ● Matter and radiation ● Quarks and leptons ● Quantum phenomena ● Reteach
<ul style="list-style-type: none"> ● Autumn 2 	<ul style="list-style-type: none"> ● Waves ● Optics ● Reteach
<ul style="list-style-type: none"> ● Spring 1 	<ul style="list-style-type: none"> ● Forces in equilibrium ● On the move ● Newton's laws of motion
<ul style="list-style-type: none"> ● Spring 2 	<ul style="list-style-type: none"> ● Force and momentum ● Materials ● Reteach
<ul style="list-style-type: none"> ● Summer 1 	<ul style="list-style-type: none"> ● Electric current ● Direct current circuits ● Reteach
<ul style="list-style-type: none"> ● Summer 2 	<ul style="list-style-type: none"> ● Reteach and exam practice

Year 2 – A-Level Physics	
Term	Topics/Knowledge
<ul style="list-style-type: none"> ● Autumn 1 	<ul style="list-style-type: none"> ● Motion in a circle ● Simple harmonic motion ● Reteach ● Thermal physics ● Gases
<ul style="list-style-type: none"> ● Autumn 2 	<ul style="list-style-type: none"> ● Reteach ● Gravitational fields ● Electric fields ● Capacitance
<ul style="list-style-type: none"> ● Spring 1 	<ul style="list-style-type: none"> ● Magnetic fields ● Electromagnetic induction ● Reteach ● Radioactivity



<ul style="list-style-type: none">• Spring 2	<ul style="list-style-type: none">• Nuclear energy• Reteach• Discovery of the electron• Wave particle duality
<ul style="list-style-type: none">• Summer 1	<ul style="list-style-type: none">• Special relativity• Reteach• Reteach and exam practice
<ul style="list-style-type: none">• Summer 2	<ul style="list-style-type: none">• Reteach and exam practice