

Key Stage 5 Curriculum Map 2021-22

Year 12 AS level Physics

Term 3

Subject: Physics	Year: 12		
Focus/Topic	UAE Links	HPL Links	Home Learning / Reading
<ul style="list-style-type: none"> 3.5.7 Diffraction 3.5.8 Refraction at a plane surface 	Mirages	VAA: Empathetic Collaborative: <i>The ability to seek out opportunities to receive responses to your work; present your own views and ideas clearly and concisely; listen to the views of others; be willing and able to work in teams; take a variety of roles and be able to evaluate your own ideas and contributions.</i> ACP: Analysing Critical thinking: <i>The ability to deduct, hypothesise, reason, seek supporting evidence</i>	Booklet questions. Physics and maths tutor past papers and guided reading for every lesson. Always prepare the next lesson.
<ul style="list-style-type: none"> 3.5.9 Collisions of electrons with atoms 3.5.10 Photoelectric effect 	Solar cells and Mohammed Bin Rashed Al Maktoum Solar Park		Booklet questions. Physics and maths tutor past papers and guided reading for every lesson. Always prepare the next lesson.
<ul style="list-style-type: none"> 3.5.11 Wave particle duality 	Solar cells and Mohammed Bin Rashed Al Maktoum Solar Park		Booklet questions. Physics and maths tutor past papers and guided reading for every lesson. Always prepare the next lesson.
Revision of content taught in year 12 Unit 1 <ul style="list-style-type: none"> 3.3.3 Radioactivity 3.3.1 Constituents of the atom 3.2.4 Projectile motion 			Booklet questions. Physics and maths tutor past papers and guided reading for every lesson. Always prepare the next lesson.
Revision of content taught in year 12 Unit 1 <ul style="list-style-type: none"> 3.2.10 The Young modulus 3.2.9 Bulk properties of solids 3.2.7 Work, energy and power 			Booklet questions. Physics and maths tutor past papers and guided reading for every lesson. Always prepare the next lesson.

Revision of content taught in year 12 Unit 2 <ul style="list-style-type: none"> 3.5.8 Refraction at a plane surface 3.5.6 Interference 3.4.3 Resistivity 		VAA: Agile Open minded: <i>The ability to take an objective view of different ideas and beliefs; become more receptive to other ideas and beliefs based on the arguments of others; change ideas should there be compelling evidence to do so.</i>	Booklet questions. Physics and maths tutor past papers and guided reading for every lesson. Always prepare the next lesson.
Revision of content taught in year 12 Unit 2 <ul style="list-style-type: none"> 3.4.5 Potential divider 3.5.9 Collisions of electrons with atom 3.5.11 Wave particle duality 		ACP: Linking Connection finding: <i>The ability to use connections from past experiences to seek possible generalisations</i>	Booklet questions. Physics and maths tutor past papers and guided reading for every lesson. Always prepare the next lesson.

Physics Paper 1 – 09/05/2022

Drop in sessions will be made available on Thursdays after term 3 begins

Physics Paper 2 – 24/06/2022

Drop in sessions will be made available on Thursdays after term 3 begins