



Key Stage 5 Curriculum Map 2019 - 2020

Term 2

Subject: Physics A-Level	Year: 13	
Focus/Topic	UAE Links	Home Learning / Reading
<ul style="list-style-type: none"> (DEP) Current Carrying Conductor (20.1) (DAR) Binding Energy (24.3) 	<p>Barakah nuclear power plant and how magnetism allows us to generate electricity from it</p>	<p>H/W booklets provided</p>
<ul style="list-style-type: none"> (DEP) Moving Charges in M. Fields (20.2) (DAR) Fission and Fusion (24.4) 		
<ul style="list-style-type: none"> (DEP) Moving Charges in M.Fields (20.2) (DAR) Thermal Nuclear Reactors (24.5) 		
<ul style="list-style-type: none"> (DEP) Charged Particles in C.Orbits (20.3) (DAR) Dealing with Nuclear Waste 		
<ul style="list-style-type: none"> (DEP) Generating Electricity (21.1) (DAR) Angular Acceleration (25.1) 		
<ul style="list-style-type: none"> (DEP) Laws of Electromagnetic Induction (21.2) (DAR) Moment of Intertia (25.2) 		
<ul style="list-style-type: none"> (DEP) AC Current Generator (21.3) (DAR) Rotational Kinetic Energy (25.3) 		
Mid Term Break		
<ul style="list-style-type: none"> (DEP) Alternating Current and Power (21.4) (DAR) Angular Momentum (25.4) 	<p>Transition to sustainable and renewable energy in the UAE</p>	<p>H/W booklets provided</p>
<ul style="list-style-type: none"> (DEP) Transformers 21.5) (DAR) Wind Power (26.1) 		
<ul style="list-style-type: none"> (DEP) Recap Nuclear (DAR) Solar Power (26.2) 		
<ul style="list-style-type: none"> (DEP) Recap Thermal (DAR) Hydroelectric Power and Pumped Storage (26.3) 		

<ul style="list-style-type: none">• (DEP) Practical Skills• (DAR) Practical Skills		
<ul style="list-style-type: none">• (DEP) Revision• (DAR) Revision	Assessment Weeks	
Spring Break		