

Key Stage 4 Curriculum Map 2020 - 2021

Year 13 Physics Term 2

Term 2

Subject: Physics	Year 13	
Focus/Topic	UAE Links	Home Learning / Reading
Mock Exams		
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<ul style="list-style-type: none"> • (DAR) Intro to magnetic fields, charges in magnetic fields • (DEP) Angular Acceleration (25.1) 	Magnetic fields in UAE	Guided reading
<ul style="list-style-type: none"> • (DAR) Current Carrying Conductor (20.1) • (DEP) Moment of Inertia (25.2) 	Ain Dubai, world's largest ferry wheel, angular acceleration and rotational kinetic energy	Guided reading
<ul style="list-style-type: none"> • (DAR) Moving Charges in M.Fields (20.2) • (DEP) Rotational Kinetic Energy (25.3) 		Guided reading
<ul style="list-style-type: none"> • (DAR) Charged Particles in C.Orbits (20.3) • (DEP) Angular Momentum (25.4) 	Planets, circular orbits, Hazzaa Al Mansoori	Guided reading
Half Term		
<ul style="list-style-type: none"> • (DAR) Generating Electricity (21.1) • (DEP) Wind Power (26.1) 	Transition to sustainable and renewable energy in the UAE	Guided reading
<ul style="list-style-type: none"> • (DAR) AC Current Generator (21.3) • (DEP) Solar Power (26.2) 		Guided reading
<ul style="list-style-type: none"> • (DAR) Alternating Current and Power (21.4) • (DEP) Hydroelectric Power and Pumped Storage (26.3) 	Solar power in UAE, World's Largest Solar Power Plant Moves Forward In Abu Dhabi With Contract Award	Guided reading
<ul style="list-style-type: none"> • (DAR) Transformers 21.5) • (DEP) Practical Skills 		Guided reading
<ul style="list-style-type: none"> • (DAR) Practical Skills • (DEP) Practical Skills 	Transformers in UAE	Guided reading
End of term 2		

