

Key Stage 4 Curriculum Map 2020 - 2021

Year 11 Physics Combined Term 2

Term 2

Subject: Physics	Year 11	
Focus/Topic	UAE Links	Home Learning / Reading
<ul style="list-style-type: none"> • 7.1 Sound Waves • 7.2 More about Sound • Biology revision • Chemistry revision 	Reel cinemas, Dolby sound	Guided reading
<ul style="list-style-type: none"> • 8.1 States of matter • 8.2 Specific heat Capacity • 8.3 Change of state • Biology revision • Chemistry revision 	Properties and uses of materials in high temperatures	Guided reading
<ul style="list-style-type: none"> • 8.4 Specific latent heat • 9.1 Conduction • Biology revision • Chemistry revision 	How to keep cool in the desert	Guided reading
<ul style="list-style-type: none"> • 9.2 Convection • 9.3 Evaporation and condensation • 9.4 Infrared Radiation • Biology revision • Chemistry revision 	Radiation and Sun in the UAE	Guided reading
<ul style="list-style-type: none"> • 9.5 Surfaces and Radiation • 9.6 Energy Transfer By design • 9.7 Expansion by heating • Biology revision • Chemistry revision 	Buildings and materials in UAE	Guided reading

<ul style="list-style-type: none"> • Topic 8,9 Assessment • 10.1 Electric Circuits • 10.2 Potential Difference and Resistance • Biology revision • Chemistry revision 	How UAE gets electric energy	Guided reading
Half Term		
<ul style="list-style-type: none"> • 10.3 IV Graphs • 10.4 Series Circuits • Biology revision • Chemistry revision 	Electricity in the UAE	Guided reading
<ul style="list-style-type: none"> • 10.5 Parallel Circuits • 10.6 Sensor Circuits • Biology revision • Chemistry revision 	Alarms and security in the UAE	Guided reading
<ul style="list-style-type: none"> • 12.1 AC/DC • 12.2 Cables Fuses and Plugs • 12.4 Power and P.Difference • Biology revision • Chemistry revision 	Jebel Ali power plant	Guided reading
<ul style="list-style-type: none"> • 12.5 Electrical Energy and Charge • 12.6 Using Electrical Energy • 12.7 Electrical Issues • Biology revision • Chemistry revision 	EXPO2020	Guided reading
<ul style="list-style-type: none"> • Topic 10, 12 Assessment • Biology revision • Chemistry revision 	N/A	
End of term 2		