

Key Stage 5 Curriculum Map 2019 - 2020

Term 2

Subject: Biology	Year: 12	
Focus/Topic	UAE Links	Home Learning / Reading
<ul style="list-style-type: none"> • Gas Exchange and transport of oxygen • Mammalian Blood – the circulatory system 	<ul style="list-style-type: none"> • Explore why insects in the UAE are larger than those found in Iceland • Explore why the average age for a heart attack in the UAE is 20 years lower than the UK 	Guided Reading
<ul style="list-style-type: none"> • Gas Exchange and transport of oxygen • Mammalian Blood – the circulatory system 	<ul style="list-style-type: none"> • Explore why insects in the UAE are larger than those found in Iceland • Explore why the average age for a heart attack in the UAE is 20 years lower than the UK 	
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<ul style="list-style-type: none"> • Variation and Inheritance • Mass transport in plants 	<ul style="list-style-type: none"> • Explore what has influenced the genetic variation of the UAE population • Explore how a cactus differs from a dicotyledenous plant in their transport and root systems 	

<ul style="list-style-type: none"> DNA, genes and chromosomes Mass transport in plants 	<ul style="list-style-type: none"> Explore why UAE ancestry can be traced back to Africa Explore how a cactus differs from a dicotyledenous plant in their transport and root systems 	<p>Guided Reading</p>
<p>Mid Term Break</p>		
<ul style="list-style-type: none"> Protein Synthesis Mass transport in plants 	<ul style="list-style-type: none"> Explain how the product I the link can aid protein synthesis http://tiny.cc/937dgz Explore how a cactus differs from a dicotyledenous plant in their transport and root systems 	<p>Guided Reading</p>
<ul style="list-style-type: none"> Genetic diversity, species and taxonomy Mass transport in plants 	<ul style="list-style-type: none"> Explore why UAE ancestry can be traced back to Africa Explore how a cactus differs from a dicotyledenous plant in their transport and root systems 	
<ul style="list-style-type: none"> Genetic diversity, species and taxonomy Cell Division 	<ul style="list-style-type: none"> Explore why UAE ancestry can be traced back to Africa Explore how binary fission has led to antibiotic resistance and how hospitals in the UAE are countering it. 	
<ul style="list-style-type: none"> Biodiversity within a community Cell Division 	<ul style="list-style-type: none"> Explore how could biodiversity be increased in the UAE Explore how binary fission has led to antibiotic resistance and how hospitals in the UAE are countering it. 	
<p>Assessment Weeks</p>		
<p>Spring Break</p>		