

## Key Stage 4 Curriculum Map 2021 - 2022

### Year 11 GCSE Biology

#### Term 3

Subject: Biology	Year: 11		
Focus/Topic	UAE Links	HPL Links	Home Learning / Reading
<ul style="list-style-type: none"> <li>• 3.1 Organisation revision</li> <li>• 3.1.1 Cell structure revision</li> <li>• 3.1.2 Principles of organization revision</li> <li>• 3.1.4 Plant tissues, organ and systems revision</li> </ul>	Research how desert animal's organ systems are adapted to survive .	<b>VAA: Hardworking</b> Practice <i>the ability to train and prepare through repetition of the same processes in order to become more proficient</i>  <b>ACP: Metathinking</b> Self regulation: <i>the ability, to monitor, evaluate and self correct</i>	Guided reading
<ul style="list-style-type: none"> <li>• 3.2 Bioenergetics revision</li> <li>• 3.2.2 Exchange and transport in plants revision</li> <li>• 3.2.5 Breathing and 3.2.6 Respiration revision</li> <li>• 3.2.3 Circulation and 3.2.4 digestion revision</li> </ul>	Design an investigation into how the effect of exercise on the body differs in the UAE when compared to the UK.		Guided reading
<ul style="list-style-type: none"> <li>• 3.3 Ecology revision</li> <li>• 3.3.3 Decay and the carbon cycle revision</li> <li>• 3.3.4 Humans and their effects on the environment revision</li> <li>• 3.3.2 Adaptation, interdependence and competition revision</li> </ul>	Outline how the UAE is making food production more energy efficient.		Guided reading
<ul style="list-style-type: none"> <li>• 3.4 Organism's interaction with the environment revision</li> <li>• 3.4.4 Temperature control revision</li> <li>• 3.4.6 Behavior revision</li> <li>• 3.4.6 Infection and response revision</li> </ul>	Research and outline how a camel is adapted to regulate it's body temperature.		Guided reading
<ul style="list-style-type: none"> <li>• 3.5 Inheritance revision</li> <li>• 3.5.2 Cell division revision</li> </ul>	Justify how Mendel's research is important to the UAE		Guided reading

<ul style="list-style-type: none"> <li>• 3.5.3 Genetic variation revision</li> <li>• 3.5.5 Genetic manipulation revision</li> </ul>			
<b>25.05.22 IGCSE BIOLOGY PAPER 1</b> Drop in sessions for revision			
<ul style="list-style-type: none"> <li>• 3.1 Organisation revision</li> <li>• 3.2 Bioenergetics revision</li> </ul>	Justify why we have large insects within the UAE.	<b>VAA: Hardworking</b> Practice <i>the ability to train and prepare through repetition of the same processes in order to become more proficient</i>	Guided reading
<ul style="list-style-type: none"> <li>• 3.3 Ecology revision</li> <li>• 3.4 Organism's interaction with the environment revision</li> <li>• 3.5 Inheritance revision</li> </ul>	Outline how different organisms are adapted to survive in the UAE.	<b>ACP: Metathinking</b> Self regulation: <i>the ability, to monitor, evaluate and self correct</i>	Guided reading
<b>09.06.22 IGCSE BIOLOGY PAPER 2</b> Drop in session for revision			
A LEVEL BIOLOGY PREPARATION		<b>VAA: Agile</b> Enquiring: <i>The ability to be curious; be willing to work alone; be proactive; keen to learn; show enterprise; think independently; challenge assumptions and require evidence for assertions; actively control your own learning; move on from the absorption of knowledge and procedures to develop your own views and solutions.</i>	Guided reading
A LEVEL BIOLOGY PREPARATION			Guided reading
A LEVEL BIOLOGY PREPARATION			Guided reading
		<b>ACP: Linking</b> Connection finding: <i>the ability to use connections from past experiences to seek possible generalisations</i>	
End of term 3			

