

Key Stage 4 Curriculum Map 2019 - 2020

Term 2

| Subject: Biology | Year: 11 | |
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| Focus/Topic | UAE Links | Home Learning / Reading |
| <ul style="list-style-type: none"> Human population and pollution | How can the UAE reduce its pollution? | Guided reading |
| <ul style="list-style-type: none"> Cell structure and plants revision | Relate the structure of xerophytes to their function. | |
| <ul style="list-style-type: none"> Cell division revision | Explore how binary fission has led to antibiotic resistance and how hospitals in the UAE are countering it. | |
| <ul style="list-style-type: none"> Human biology- Breathing revision | Explore how desert animals respiratory system is adapted | |
| <ul style="list-style-type: none"> Human biology- Circulation revision | Explore the circulatory system of a falcon. | |
| <ul style="list-style-type: none"> Human biology- Digestion revision | Explore how the camels digestive system is adapted to living in the desert. | |
| Mid Term Break | | |
| <ul style="list-style-type: none"> Nervous coordination and behaviour revision | Explore desert animal behavior | Guided reading |
| <ul style="list-style-type: none"> Homeostasis revision | Explore how the human body would regulate itself differently in the desert compared to the Antarctic | |
| <ul style="list-style-type: none"> Defending ourselves against disease revision | Explore the most prevalent diseases in the UAE and how we can prevent and treat them | |
| <ul style="list-style-type: none"> Variation, inheritance and genetic manipulation revision | Explore why UAE ancestry can be traced back to Africa | |

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| <ul style="list-style-type: none">• Evolution revision | Explore why some camels have one hump and other camels have two humps. | Guided reading |
| <ul style="list-style-type: none">• Ecology revision | Assessment Weeks | |
| <ul style="list-style-type: none">• Human population and environment revision | | |
| Spring Break | | |