

High Tunstall College of Science Curriculum Intent

Subject: Geography Year: 7 Half term: 5

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| **Unit: Extreme Planet - Deserts** | **Progress** | | |
| **Key ideas** | **R** | **A** | **G** |
| Prior knowledge of deserts, features and wildlife of deserts |  |  |  |
| Location of major deserts and pattern or distribution |  |  |  |
| Defining features of deserts |  |  |  |
| Sahara Desert - location of Sahara desert and adaptations of plants and animals |  |  |  |
| Mojave Desert - location of Mojave desert, adaptations of the Joshua Tree, challenges and opportunities |  |  |  |
| City in the Desert: Las Vegas - development of city and overcome of challenges |  |  |  |
| Desert Study - independent research of named desert |  |  |  |

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| **Lesson** | **Learning Focus** | **Assessment** | **Key Words** |
| **1** | To think about what we already know about deserts  To recognise and name some features and creatures found in deserts | Identify and present features ad creatures found in the desert | Biome, Temperature, Precipitation |
| **2** | The location of the world’s major deserts  The pattern of the distribution of deserts around the world | Labelling of a world map and a written description of the location of the world’s deserts | Biome, Latitude, Longitude |
| **3** | The features and characteristics of deserts | Annotation of a climate graph. Word art visualizing the meaning of Erg, Reg and Oasis. | Arid, Erg, Evaporation, Temperature, Precipitation, Oasis, Reg. |
| **4** | Climate, soil and vegetation of desert environments. | Categorise features int “soil” or “climate”.  Annotate a picture of the desert landscape including the adaptations of a cacti. | Arid, Erg, Evaporation, Temperature, Precipitation, Oasis, Reg. |
| **5** | To locate the Sahara Desert on a map of Africa  To explain how plants and animals have adapted to live in the desert. | Describe the location of Sahara using a map of Africa. Annotate a picture of a camel with its adaptations. Create your own creature and explain how it would adapt to the desert. | Adaptation, Transpiration |
| **6** | Locate the Mojave Desert on a map of the USA  Describe and explain how the Joshua Tree has adapted to live in the desert | Triple challenge. Describe the location of the Mojave Desert using a map of the USA. A written explanation of the features of the Joshua Tree. | Adaptation, Desertification, Indicator Species |
| **7** | Describe and explain the challenges and opportunities of living in the Mojave Desert | Card sort activity.  Create a poster or a leaflet explaining the opportunities and challenges in the Mojave Desert. | Adaptation, Desertification, Indicator Species |
| **8** | Describe the development of Las Vegas | Create a timeline to show the development of Las Vegas. | Desertification |
| **9** | Suggest some ways to overcome the challenges of living in the desert. | Design a house for a desert climate. Include ideas about temperature control, water saving measures and generating energy. | Desertification |
| **10** | To complete independent research  To investigate the characteristics and features of a named desert. | Create a fact file about a named desert. | Characteristics, Features |
| **11** | To revise the topic of Deserts ahead of the assessment. | Revision clock. | See above. |