



Adaptions in the Sharqiya Sands

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Wednesday, 14 May 2025

Learning Goals

1. Understand why plants, animals and people need to adapt to the desert environment.
2. Understand how plants, animals and people adapt to the desert.
3. Identify threats to living things within the desert environment.

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Desert survival

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- What would you pack in your rucksack to survive a week in the Sharqiya Sands?
- Can you justify any of your choices?

How do you think plants, animals and people have adapted to live in the desert?

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Adaptions

- By the end of this lesson, you will need to gather evidence to answer the following question:
 - Explain how animals and plants have adapted to the desert environment.
- Use the information around the room to complete a carousel activity to answer the question fully.



Question

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Command word: you should **give reasons** for the adaption.

Main point: this means you must use **specific examples** of how plants and animals have adapted to the desert.

Explain how **animals and plants** have adapted to the **desert environment**.

Evidence: you need to be **specific** about the **desert environment** by referencing facts about that desert.

For this answer, you should write **two** developed points: one for **animals**, the other for **plants**. You could use the PEE structure to help:

Point – use sentence starters like ‘One plant adaption is..’

Explain – give reason for the point you are making. Connective like ‘this is because’ are helpful here.

Evidence – include examples of plants/animals and the named desert.

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Assessment criteria

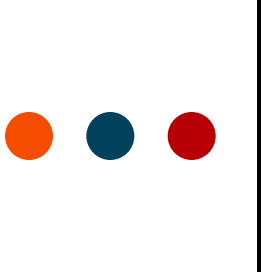
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- Are there **two** separate points made?
- Is one of the points about **plants** and the **other** about animals?
- Is there **explanations** as to **how** and **why** these animals and plants have adapted to the desert?
- Do these explanations have **named examples** of the **plant/animal**?

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Using these points, write a what worked well (WWW) and an even better if (EBI) on the piece of work.



Station 1: Rüppell's Fox

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1. Match the sentence starters to their ends.
2. Using the sentence, annotate around your image of the Rüppell's Fox summarising how it has adapted to the desert.



Station 2: Date Palm tree word cloud

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system 50 transportable
shade zero
insects water pollinators
salty
nutritious erosion
plants



Station 3: Wahiba Bedouin People

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1. Read the diary entry and summarise on your sheet how the Wahiba Bedouin people have adapted to the desert.
2. Add additional facts about the challenges faced by these peoples.