

Ecological relationships and classification

Lesson 8 - Adaptation

Biology - Key Stage 3

Miss Lewis



Task

Describe how the arctic wolf is **adapted** to its environment and **explain why** these adaptations help it survive.

The arctic wolf has a thick fur coat which.....



Credit: Pixabay

Keywords: *insulator, heat loss, camouflage, surface area*



Task

Describe how the oryx is **adapted** to its environment and **explain why** these adaptations help it survive.

The oryx is a light colour which.....



Credit: Pixabay

Keywords: *heat gain, insulations, camouflage, surface area*



Task - Complete the table by matching the adaptation to the explanation

Large surface area	Allow water to flow down to the roots easily
Streamlined body	Smooth bark
Large thick roots	To swim quickly to catch prey
To take in as much light as possible for photosynthesis	Big claws
Sharp beak	Support large trees
	For catching small animals

Adaptation	Explanation
<i>White fur</i>	<i>Camouflage so prey cannot see them coming</i>
To increase heat loss to stay cool	Support large trees
Dig through soil to make tunnels	



Task

These two foxes are closely related, but because they have adapted to live in very different habitats they look very different.

Compare the adaptations of a Fennec Fox and an Arctic Fox to their environments.

Keywords:

Whereas, less/more, larger/smaller, surface area, heat loss, camouflage



Fennec Fox



Arctic Fox

Credit: Pixabay

