

Adaptation Adventures

Teacher notes and student worksheets

Adaptation Adventures is a two-hour excursion for students in years 4-5. There are six 15 minute sessions, with time allocated to move between each session.

Your class will meet at least three animals; a bird, a reptile, and a mammal, so they consolidate their understanding that animals can change over time to survive in their environment.

The students will also visit our wildlife hospital.

These worksheets are aimed at students who are just starting this topic, and are just a guide for you as a teacher to prepare them for what they'll see at Kanyana.

The worksheet they'll complete at Kanyana is also a guide to their learning. The two completed worksheets can be discussed in detail back in the classroom after your excursion.

We are always available to talk about any concerns or queries you might have. Please call or email us.

Kanyana Wildlife Rehabilitation Centre

Draw a line to the correct sentence ending

Kanyana helps

threatened species

Kanyana teaches

sick and injured wildlife

Kanyana breeds

scientific research

Kanyana does

people about wildlife

Adaptation Adventures

Adaptations are a feature or characteristic of an animal or plant to help it survive in its environment. There are three types of adaptation; structural, behavioural and physiological.

Match the adaptation type with the correct definition

Structural	How the animal behaves (eg nocturnal, diurnal, group, solitary)
Behavioural	What processes happen inside the body (eg concentrated urine in kidneys, snake venom, breathing, heart beating)
Physiological	The shape and features of the body (eg teeth, opposable thumbs, claws)

Kanyana is a wildlife rehabilitation centre. We look after sick and injured wildlife. How does knowing the adaptations of an animal help us to treat them?

Adaptation Adventures

Pick an animal.

List as many structural, behavioural and physiological adaptations as you can for that animal.

Think about where they live, what they eat and who they live with.

Animal: _____

Structural

Behavioural

Physiological

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Kanyana Wildlife Rehabilitation Centre

Teacher notes

Draw a line to the correct sentence ending

Kanyana helps

threatened species

We breed bilbies and woylies. You can read more about our breeding programs on our website under **About us, Breeding programs.**

Kanyana teaches

sick and injured wildlife

Members of the public find and bring us 2600 animals every year for rehabilitation. Find out what to do in a wildlife emergency on our website under **Wildlife Emergency.**

Kanyana breeds

scientific research

Some volunteers are scientists who find out about animal diseases. Read more on our website **About us, scientific research.**

Kanyana does

people about wildlife

You're visiting us soon! We also run Discovery Tours, Nocturnal Tours, and bring animals to schools and other centres.

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If the patient is a sick owl, what do we already know about their behavioural and structural adaptations? They're nocturnal and have sharp talons and beak for eating meat. We need to keep them in the dark and not feed them any vegetables!

Adaptation Adventures

Teacher notes

NOTE except for an echidna. We will meet an echidna on the excursion and go through some of its features

Pick an animal.

List as many structural, behavioural and physiological adaptations as you can for that animal.

Think about where they live, what they eat and who they live with.

Animal: _____

Structural

Beak shape
Wings/no wings
Claws
Eyes
Nose
Pouch
Etc

Behavioural

Lives in groups
Solitary
Nocturnal
Diurnal
Mating fights
Singing/dancing
Etc

Physiological

Heart beats fast
Stores water well
Concentrated urine
Makes venom
Hibernation
Good sense of smell
Etc