



ADAPTATIONS

**THESE ADAPTATIONS HELP AN ANIMAL FIND FOOD,
AVOID BEING EATEN, OR SURVIVE HARSH WEATHER.**

Camouflage

Find an animal that has a coat or colouration that helps it blend in with its environment.

- Describe what you see and how it helps the animal stay hidden.

Animal: _____

How it uses camouflage:

Specialized Feet/Paws/hooves

Look for an animal with feet, paws or hooves that are specially designed for its lifestyle.

- Describe foot & how they help the animal in their environment

Animal: _____

Describe foot & how it helps in its environment:

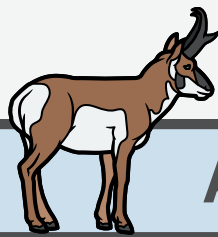
Warning Signals

Find an animal that has bright colours or patterns that warn predators to stay away

- Find an animal that you think is using this strategy & what they are warning about.

Animal: _____

What do you think the particular colouration or patterning says to other animals?



ADAPTATIONS

THESE ADAPTATIONS ARE ALL ABOUT HOW AN ANIMAL FINDS AND CATCHES ITS FOOD

Keen Eyesight

Find an animal that is known for its excellent vision

- Describe where they are positioned on the head & why that may be important.

Animal: _____

Location of eyes and why important:

Specialized Teeth

Choose an animal that you think may have specialized teeth.

- Draw what you think the teeth look like. Do you think the animal is a carnivore, herbivore or an omnivore?

Animal: _____

Draw teeth:

Circle:

Carnivore

Herbivore

Omnivore

Nocturnal Features

Animals that are active at night have special adaptations to help them in the dark.

- What animals do you think are nocturnal at the Zoo? What features may help them at night?

Animals: _____

What features may help at night? Circle all that apply:

Bigger eyes

Long legs

Good hearing

Enhanced sense of smell

Small feet



MATCHING ADAPTATIONS

MATCH THE CORRECT ADAPTATION WITH THE ANIMAL'S DESCRIPTION



Go to any owl enclosure

Species of owl: _____

This helps the owl fly silently to reduce noise while hunting.

This helps the owl locate prey in darkness.

This helps the owl capture and kill prey.

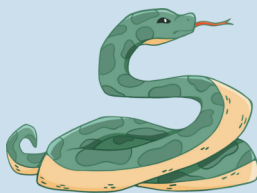
This helps the owl scan their surroundings without moving their body.

sharp beak

neck rotation

soft feathers

nocturnal vision



Go to the Affinity Discovery Centre and find a snake

Species of snake: _____

This helps the snake crawl through tight spaces.

This can help some snakes catch and immobilize prey.

This helps the snake consume large prey.

This helps the snake detect prey from both the left and the right.

dislocating jaws

flexible skeleton

split tongue

venomous fangs



Find a hoofed animal in the Zoo

Hoofed animal: _____

These provide a strong, durable surface for weight-bearing and running.

These are long for swift movement and predator evasion.

This social adaptation helps us avoid predators

This helps us eat rough vegetation

living in herds

specialized digestive system

hooves

legs

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Camouflage

Find an animal that has a coat or colouration that helps it blend in with its environment.

- Describe what you see and how it helps the animal stay hidden.

Animal: Snow Leopard/Snowy Owl

How it uses camouflage:

Blends into snowy habitat

There are many animals and answers here!

Specialized Feet/Paws/hooves

Look for an animal with feet, paws or hooves that are specially designed for its lifestyle.

- Describe foot & how they help the animal in their environment

Animal: Snow Leopard/Lynx; Mountain Goat

Describe foot & how it helps in its environment:

Extra fur on bottom of feet helps widen foot for easier traction in snow - similar to snowshoes.

Small hooves for walking on narrow cliff edges

There are many animals and answers here!

Warning Signals

Find an animal that has bright colours or patterns that warn predators to stay away

- Find an animal that you think is using this strategy & what they are warning about.

Animal: Poison Dart Frog

What do you think the particular colouration or patterning says to other animals?

Bright colouration is a warning to other animals that they may not be good to eat: aposematism

Other answers may work here

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Keen Eyesight

Find an animal that is known for its excellent vision

- Describe where they are positioned on the head & why that may be important.

Animal: Any of the raptors; goats

Location of eyes and why important:

Front of head and large - important to see things much larger & at a distance while flying.

Eyes at the side of their head with rectangular pupils. This allows them to have a wider field of vision

Specialized Teeth

Choose an animal that you think may have specialized teeth.

- Draw what you think the teeth look like. Do you think the animal is a carnivore, herbivore or an omnivore?

Animal: Any animal except tortoises/birds (no teeth)

Draw teeth:

Drawing should show sharp teeth on carnivores, flat back teeth on herbivores, etc

Circle: Students can circle the word that fits their drawing

Carnivore Herbivore Omnivore

Nocturnal Features

Animals that are active at night have special adaptations to help them in the dark.

- What animals do you think are nocturnal at the Zoo? What features may help them at night?

Animals: Owls, raccoon, African Crested Porcupine

Others may be acceptable as you can argue that dawn/dusk animals are active at night.

What features may help at night? Circle all that apply:

Larger eyes Long legs Good hearing

Enhanced sense of smell Small feet

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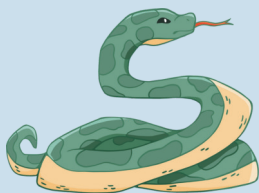
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