



Animals Including Humans

Comparing Animals

twinkl

Aim

Lesson 2

LO: I can describe and compare the structure of a variety of common animals.

Success Criteria

- I can name some different animal's features.
- I can say how animals are the same.
- I can say how animals are different.



Remember It

Which of these animals belongs to the bird group?



robin



goldfish



hedgehog



Remember It

Look carefully at this photograph. Can you choose the correct group that this animal belongs to?



amphibian



fish

reptile



Remember It

Match the animals to the correct groups.



amphibian

fish

bird





















mammal

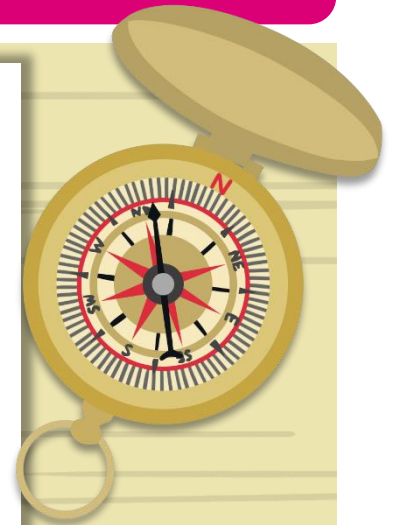
reptile



Look Closely

We know the animal groups and some of the animals that belong in each group. Let's look closer at some of them.

 human	 mouse	mammals	 dog	 cow
 penguin	 chicken	birds	 flamingo	 robin
 goldfish	 tuna	fish	 shark	 eel
 snake	 tortoise	reptiles	 lizard	 alligator
 frog	 toad	amphibians	 newt	 salamander



Look Closely



This is a dog.

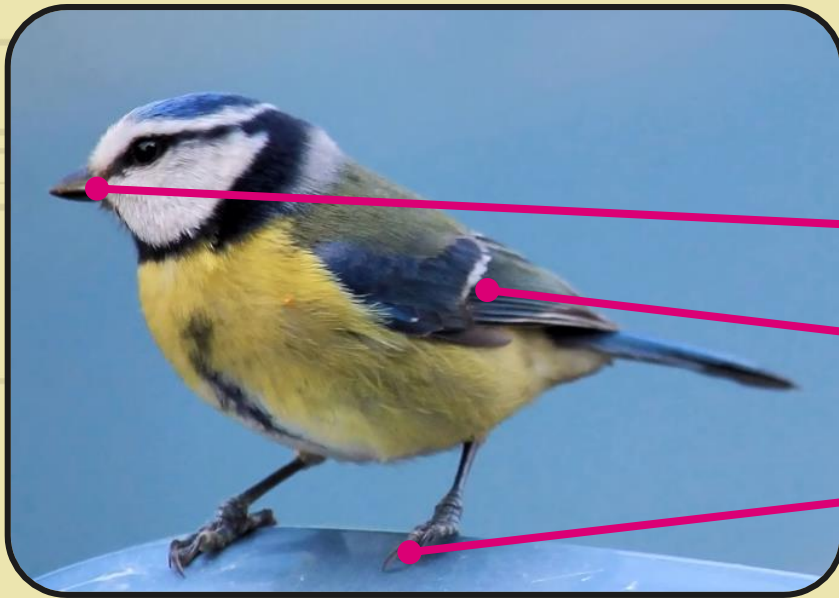
It has fur and hair covering its skin.

It has 4 legs.

It is a mammal.



Look Closely



This is a blue tit.

It has feathers covering its skin.

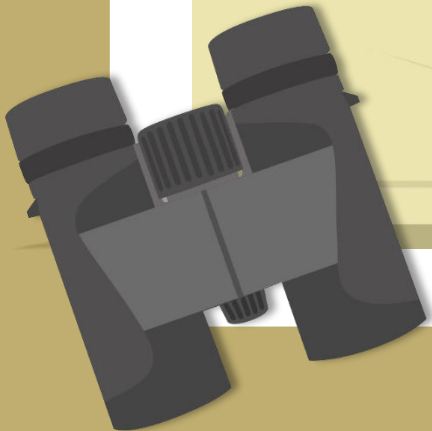
It has a beak.

It has 2 wings.

It has claws.

It has 2 legs.

It is a bird.



Look Closely



This is a tortoise.

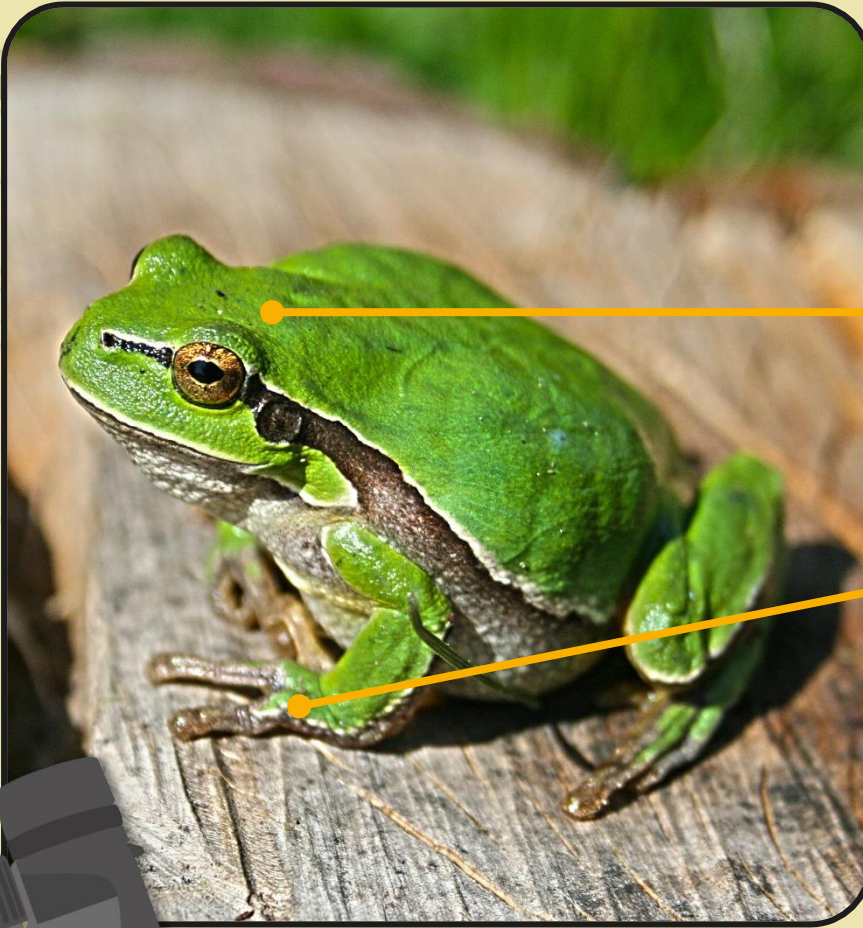
It has a hard shell.

Its skin is rough and scaly.

It is a reptile.



Look Closely



This is a frog.

Its skin is moist and slimy.

It has webbed feet.

It is an amphibian.



Look Closely



This is a guppy.

These are called fins.

Its skin is scaly.

These are called gills.

It is a fish.





Comparing Animals

We know that each group of animals has some features that are the same. For example, all birds have feathers.



Does this mean that all birds are exactly the same? Discuss this with your partner.

- What do you think?
- Do you think the same as your partner?
- Can you explain why?



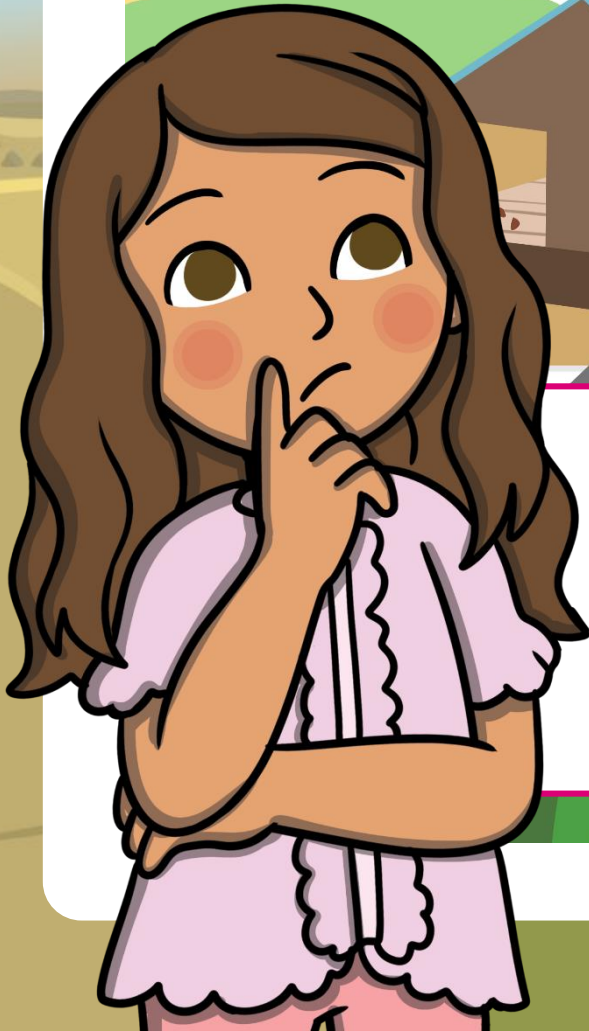
Comparing Animals

I think all birds have feathers, 2 legs, 2 wings and can fly.



- What do you think?
- Do you think I am right?
- How can we find out?

We are going to look at different birds and find things that are the same and things that are different about them.



Comparing Animals



We are going to look at pictures of two different birds.
Work with your partner to write down all the features you can see for each bird.



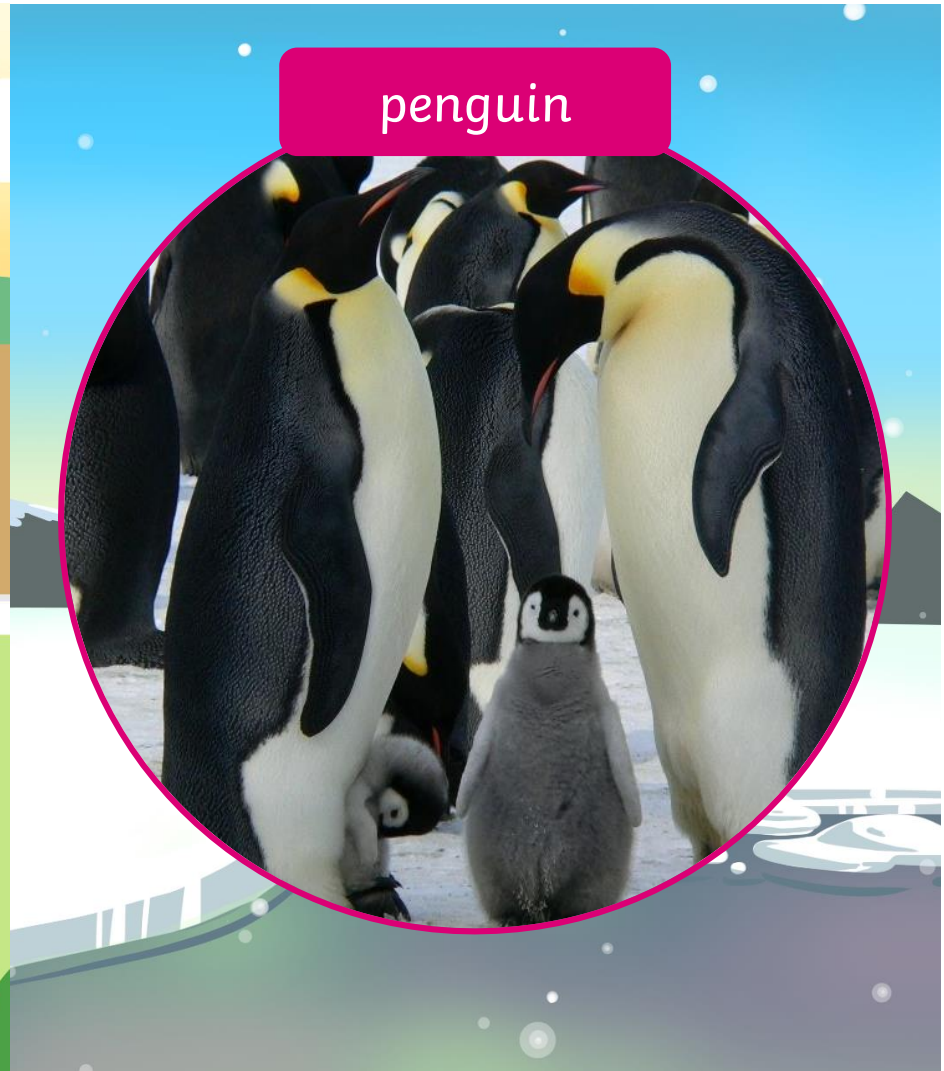
Comparing Animals



robin



penguin





robin



Robins:

- red, white and brown body
- short body
- short beak
- eyes
- 2 legs
- covered in long feathers
- wings
- feet with toes and claws

penguin



Penguins:

- white, yellow and black body
- long body
- long beak
- eyes
- 2 legs
- covered in short feathers
- flipper-like wings
- webbed feet with claws

Comparing Animals



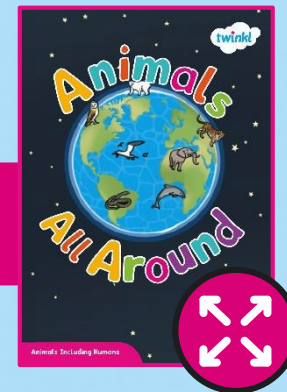
I think all birds have feathers, 2 legs, 2 wings and can fly.

What did we find out?

We found out that both the penguin and the robin have 2 legs, feathers and wings. Looking at the photographs, we can't tell if both birds can fly so we need to look at some other sources (this means a place we can get information from).



Let's see if we can use a book to find out.



Comparing Animals



Penguins can't fly so the statement 'all birds can fly' is not true.

Penguins

Penguins can't fly.

However, they are excellent swimmers.

They have shorter, stiffer feathers than other birds, which help them to swim under water. They also help to keep them warm.



short feathers

9

Penguins eat fish. They live near to the ocean so they can catch their food.



10



Comparing Animals



They both have:

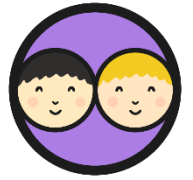
- a beak
- eyes
- 2 legs and feet
- feathers
- wings

These things are different:

- colour
- sizes
- one bird can fly and one can't

Even though they both have features that are the same, these features are still different in many ways. For example, the wings are a different shape and size.

Finding Out More



You are going to find out more about how the animals in each group are similar and how they are different.

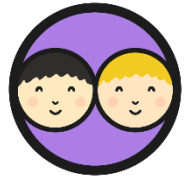


1

What do you think will be the same in the reptile group?
What do you think will be different?



Finding Out More

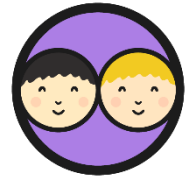


You are going to find out more about how the animals in each group are similar and how they are different.



2

What do you think will be the same in the amphibian group?
What do you think will be different?



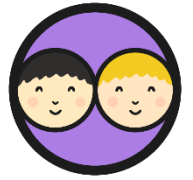
Finding Out More

You are going to find out more about how the animals in each group are similar and how they are different.



- 3 What do you think will be the same in the mammal group?
What do you think will be different?

Finding Out More



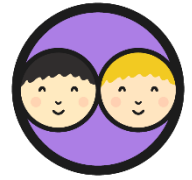
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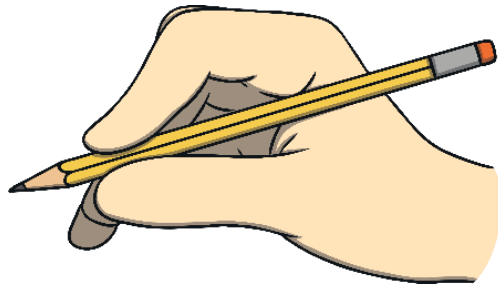
4

What do you think will be the same in the fish group?
What do you think will be different?

Finding Out More



Using the photographs and **eBook**, compare the animals from each group. Record your ideas using the **Comparing Animals Activity Sheet**.



Comparing Animals

To describe and compare the structure of a variety of common animals.

Animal Group	Things That Are the Same	Things That Are Different
Birds    	feathers <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	colour <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
mammals    	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>

als

common animals.

Different

Different

Explain It



Can you explain what you have found out?

X

What do all birds have in common?



X

What do all reptiles have in common?



X

What do all fish have in common?



Explain It



Can you explain what you have found out?

X

Can you explain how mammals are the same?



X

Can you explain how mammals are different?



X

Can you explain how amphibians are the same?





Explain It

Challenge!

A guppy is a fish.

Use what you know about fish to explain if these statements are true or false.

- A guppy lives in water.
- A guppy has fins.
- A guppy can fly.
- A guppy has scaly skin.



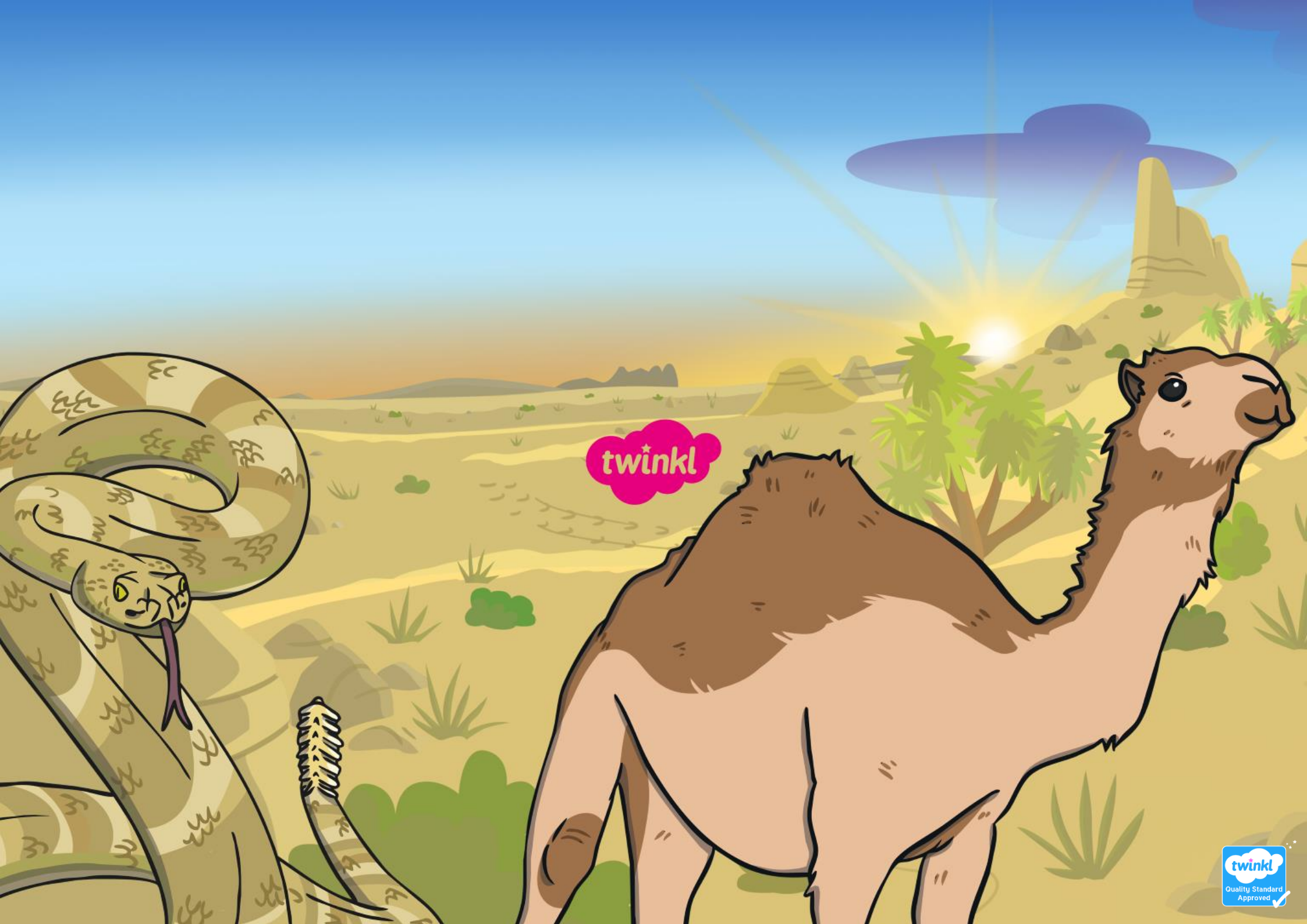
Aim



- To describe and compare the structure of a variety of common animals.

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