



Science

Animals Including Humans



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Meet Quizby!

Can you spot me in the
Lesson Presentation?

The questions that appear will help you to think about the key learning throughout the lesson.



Survival



Aim

- To research and describe what animals, including humans, need to survive.

Success Criteria

- I can explain what all animals need to survive.
- I can research the answer to a question.
- I can present the answer to a question clearly.





Remember It

Can you choose the correct missing words?

Click each word to complete the sentences.

Mammals give birth to . These babies often their adult when they are born.

All and most reptiles lay eggs. When the offspring , they often look similar to their adult and are called .

Most fish and most lay eggs which hatch into larvae. Most of these offspring look like their adult.

hatch

do not

amphibians

hatchlings

live young

birds

look like





Remember It

Can you put the pictures and matching labels into the correct order?

Click each word or picture to move it to the correct place.

The different stages a human goes through as they grow up are:



baby



teenager



adult



child



toddler





Remember It

Can you put the pictures and matching labels into the correct order?

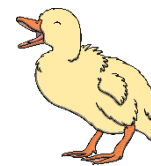
Click each word or picture to move it to the correct place.

A duck goes through different stages of growth. They are:

duckling



hatchling



eggs

adult duck

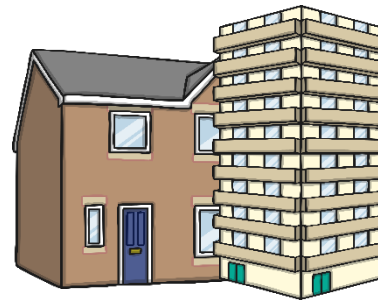


Remember It

Which of these things are most **toddlers** able to do?
Which of these things are **toddlers** not able or expected to do?
Click each one to find out.



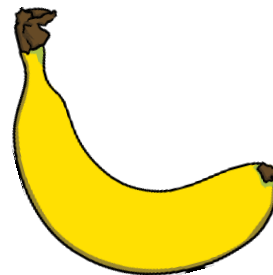
have their own
home



learn to walk
and run



eat solid food



have a job



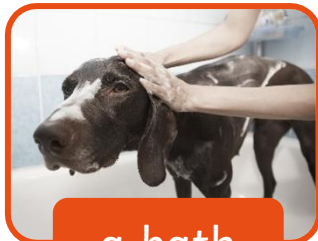


Survival

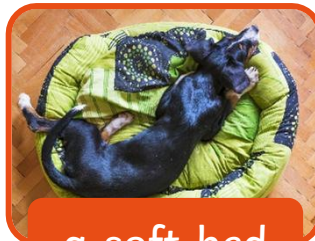
What do **all** animals need to stay alive?

All animals have **three basic needs** to survive.
These are the things it must have to be able to live.

Here are some things that are important for dogs to be happy and healthy.
Can you find the **three basic needs** that they (and all animals) need to survive?



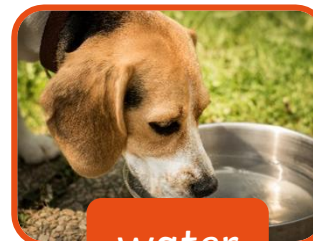
a bath



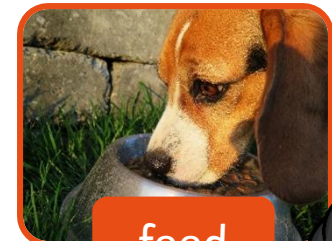
a soft bed



air



water



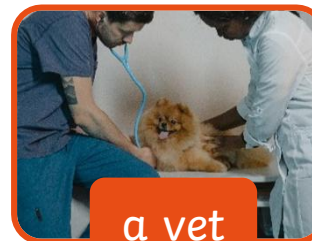
food



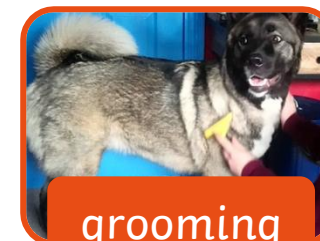
an owner



toys



a vet



grooming



Survival – Be Careful!



Even though they live underwater, fish need to breathe to stay alive too. They use their **gills** to breathe in oxygen from the water.

An illustration of a grey and white striped fish swimming in blue water. An orange arrow points from a red box containing the word "gills" to the fish's gill cover. The background shows a blue sky, blue water, and a sandy bottom with coral, shells, and seaweed.

gills

Fish also need **water** to stay alive. Fish that live in fresh water (like ponds and streams) take water in through their gills and skin while fish that live in saltwater (seas and oceans) actually drink the water they live in.



Survival



We are going to be finding out more about this section of the **Knowledge Organiser** in this lesson.

Year 2

To stay alive, all animals have 3 basic needs:

air



water



food



X

Do all animals need the same food? Explain how you know.



Survival



Although all animals have the same basic needs to survive - **air**, **food** and **water** - different animals need to eat different types of food.

Can you match the name of the diet with the type of food eaten in that diet?

carnivore

omnivore

herbivore

only eats
plants

only eats
meat

eats meat
and plants





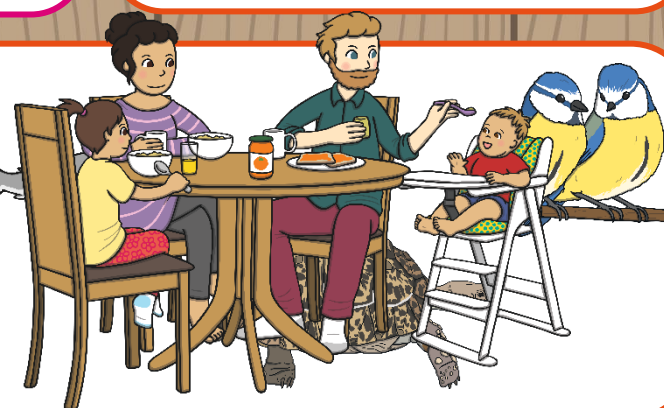
Survival

Can you match the animal to its diet?
Click each picture to move it.

Carnivores
(eat only meat)

Herbivores
(eat only plants)

Omnivores
(eat meat and plants)



Humans are generally grouped into omnivores, but some people choose to eat a plant-based diet.



Dear Kind Neighbours,

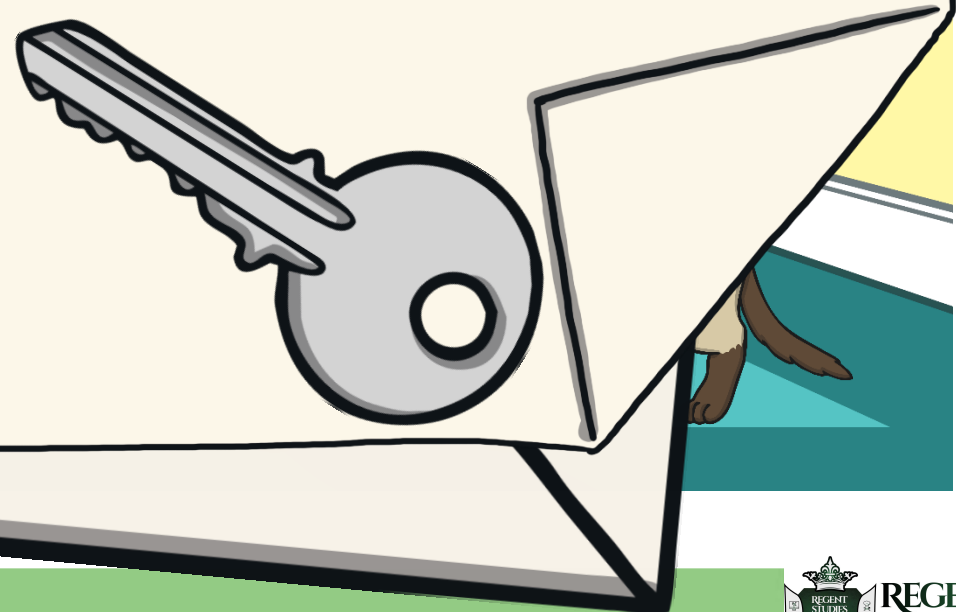
I have been called away on important business. Please can you look after my pets? I have:

- a budgerigar called Pecksniff;
- a chameleon called Charlotte;
- and a stick insect called Slim.

I will be away for one week. The key is in the envelope with this letter. I hope they all behave for you!

Many thanks,

Mrs Wilson at number 56.



Please Look After My Pets!

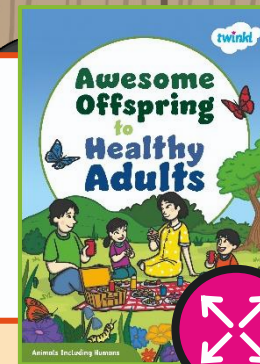


The problem is, I don't know anything about what these animals need. Can you help?

Where could you **research** (find out about) what these animals need?

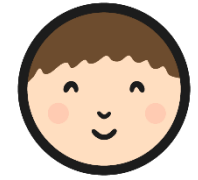


We are going to use the **Awesome Offspring to Healthy Adults eBook** to find out more about the basic needs of Mrs Wilson's pets.



non-fiction texts

own experiences



Finding Out the Facts

We are going to create Fact Files about how to look after these animals!

Budgerigar Fact File

To describe the basic needs of animals, including humans, for survival.

Who cares for a baby budgie when it is first born?

What does a budgie need to stay alive?

What does a pet budgie eat and drink?

What should a pet budgie never eat?

Budgerigar Fact File

To describe the basic needs of animals, including humans, for survival.

Budgie

Needs

What does a budgie need to stay alive?

A baby budgie needs _____
and _____.

What should a pet budgie never eat?

A budgie should never eat _____
or _____.

chocolate

water

lemon

baby

food

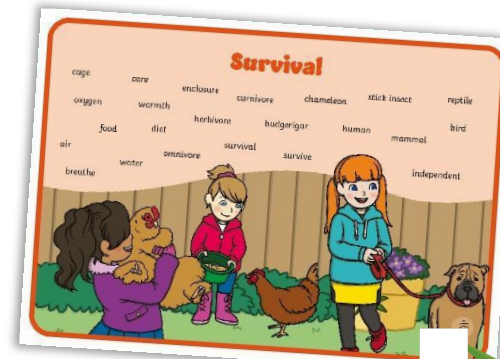
cooked rice

a safe place

Budgie Fact File

To describe the basic needs of animals, including humans, for survival.

You can use the **Survival Word Mat** to help you.



Pet Presentations



Share your fact file with the other children in your group.

After they have presented it, can you tell another child one thing that is fantastic about their fact file?

You could say:

'Your fact file taught me...'

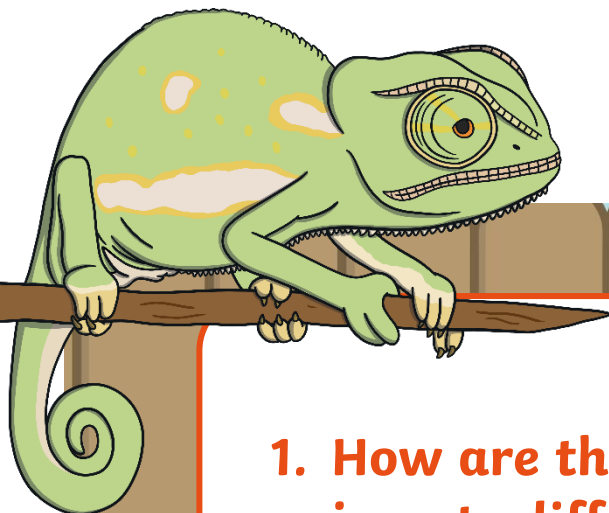
'I like that your fact file has...'

'My favourite part of your fact file is...'

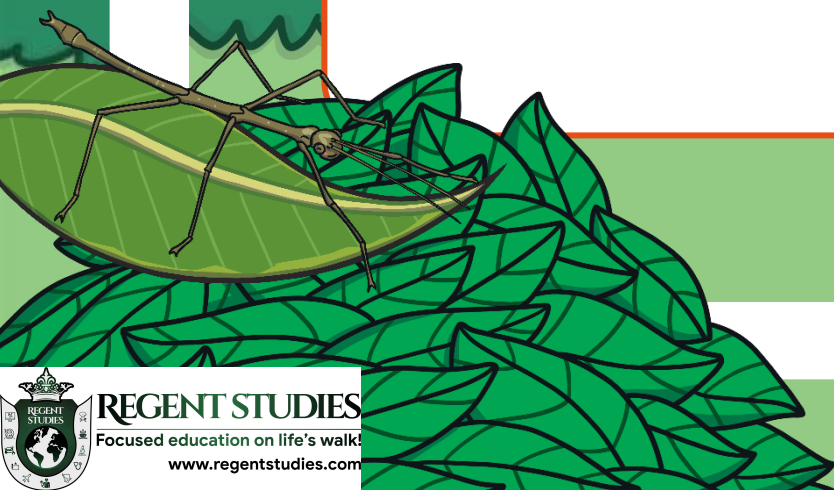




Pet Presentations



1. How are the diets of budgerigars, chameleons and stick insects different to one another?
2. What sort of shelter do they need? Are their shelters the same or different?
3. Do any of these animals need anything else special to care for them properly?
4. How are humans different to these animals?





Pet Presentations

Even though pets only need air, water and food to stay alive, they need love, attention and a shelter to make them happy.



Aim



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