



Y5 Science

Living Things and Their Habitats

I can explain how animals reproduce.

www.grammarsaurus.co.uk



Grammarsaurus

Last Lesson Recap

We can group animals into **five groups**.

Mammals, reptiles, amphibians, birds and fish.

Last lesson we looked at how mammals reproduce. Can you remember how they reproduce? Talk to your partner before we discuss as a class.

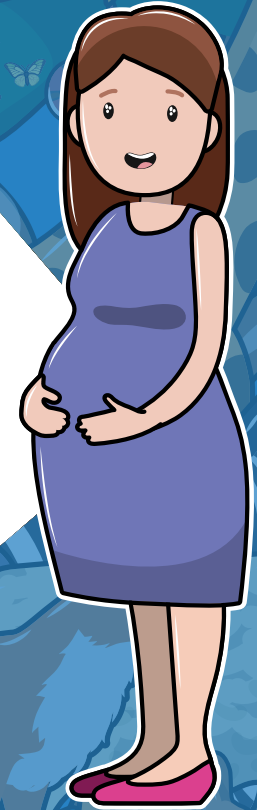


Reproduction in Mammals

When **mammals** have offspring, they **grow inside the mother's womb**. The womb is an **pear shaped sack inside the mother's abdomen**. It **protects the foetus**. The mother provides **nutrients and oxygen to the foetus through an umbilical cord** which is connected to the foetus through an opening in their stomach.

When a mammal is carrying a foetus, we say they are **pregnant**.

Do you think reptiles, amphibians, birds and fish reproduce in this way too?



Birds and Reptiles

Birds and most reptiles don't look after their babies in their womb. They lay **eggs**. **The egg shell protects the babies** and when they have fully developed, **they break through** the shell.

Did you know?

Chicken eggs have not been fertilised so will not grow into a new chick. These are what we buy in the supermarket and eat.

Birds

Birds **look after their eggs and keep them warm.** When they hatch, the **adult bird continues to look after the baby** bird until it is big and strong enough to survive on its own.



Reptiles

Usually adult reptiles **don't look**
after their babies. The **babies** take
care of themselves as they grow.



Amphibians and Fish

Fish and most amphibians lay eggs as well but they **lay their eggs in water**.

Did you know?

Some people like to eat fish eggs! They call it caviar and it can be quite expensive.

Amphibians

Eggs laid by amphibians are called **spawn**.

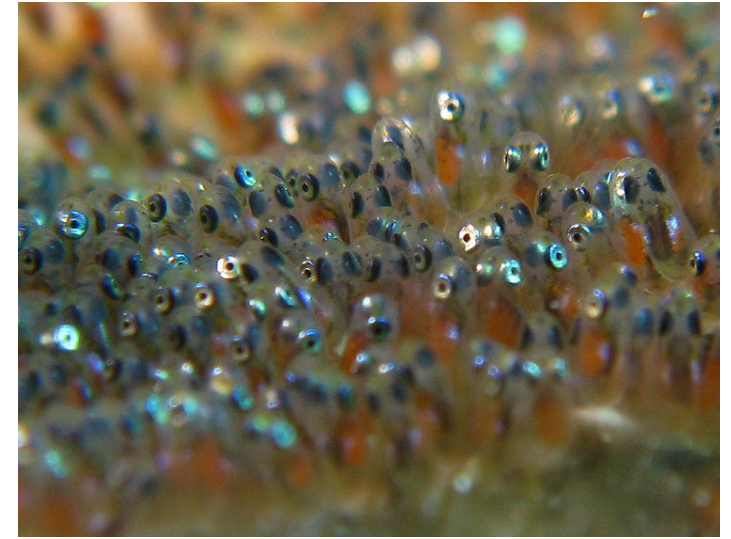
They **grow into tadpoles** and **eventually will grow legs!** Amphibians **don't look after their young**, they care for themselves as they grow.



Fish

Most fish **lay hundreds of eggs in the water.**

The **eggs develop and hatch** into live baby fish **without any help** from their parents.



Independent Activity

You are now going to write about what you have learnt about reproduction in different animals.

Key Words

Mammal, fish, bird, amphibian,
reptile, womb, egg, fetus,
fertilise.

Recap Quiz

Think about what we have learnt about reproduction in the five animal groups.

Mammals, reptiles, amphibians, birds and fish.

Write 3 questions about what we have learnt for your partner to answer.

