

TYPES OF REPRODUCTION IN ANIMALS

LESSON 25





LET'S TRY! IMPORTANT QUESTION?

Your teacher will be showing photos of different animals with their of springs in front of the day. Try to identify if the animals shown are born alive or if they hatched from eggs.

What are the different ways animals are born?





Philippine Monkey-Eating Eagle
(*Pithecophaga jeffersyi*)

Animals are born in different ways. The Philippine eagle is hatched from an egg. The tarsier, a small primate found in Bohol, is born alive.

Animals have different modes of reproduction. Some animals are **egg-laying** while some are **born alive**.

Some animals lay their eggs to the environment. These animals are called **egg-laying animals**. The laid egg by the female animals develop outside her body. The time between the laying of the egg and the hatching of the young is called the **incubation period**. Examples of animals that lay eggs are birds, snakes, frogs, turtles, lizards and insects.

Some animals retain and nourish the fertilized egg inside body of the female parent. The fertilized egg develops into an embryo that grows while receiving the nourishment from the mother through the placenta. The time between fertilization and birth of the live young is called **gestation**. Animals that undergo this process are **born alive** animals.

Cats, cows, dogs, and whales are animals which are born alive.

An advantage of an animal that is born alive is that the mother can concentrate on taking care of only a few young. Even in the womb, one or two youngs will be able to receive proper nourishment from the mother.

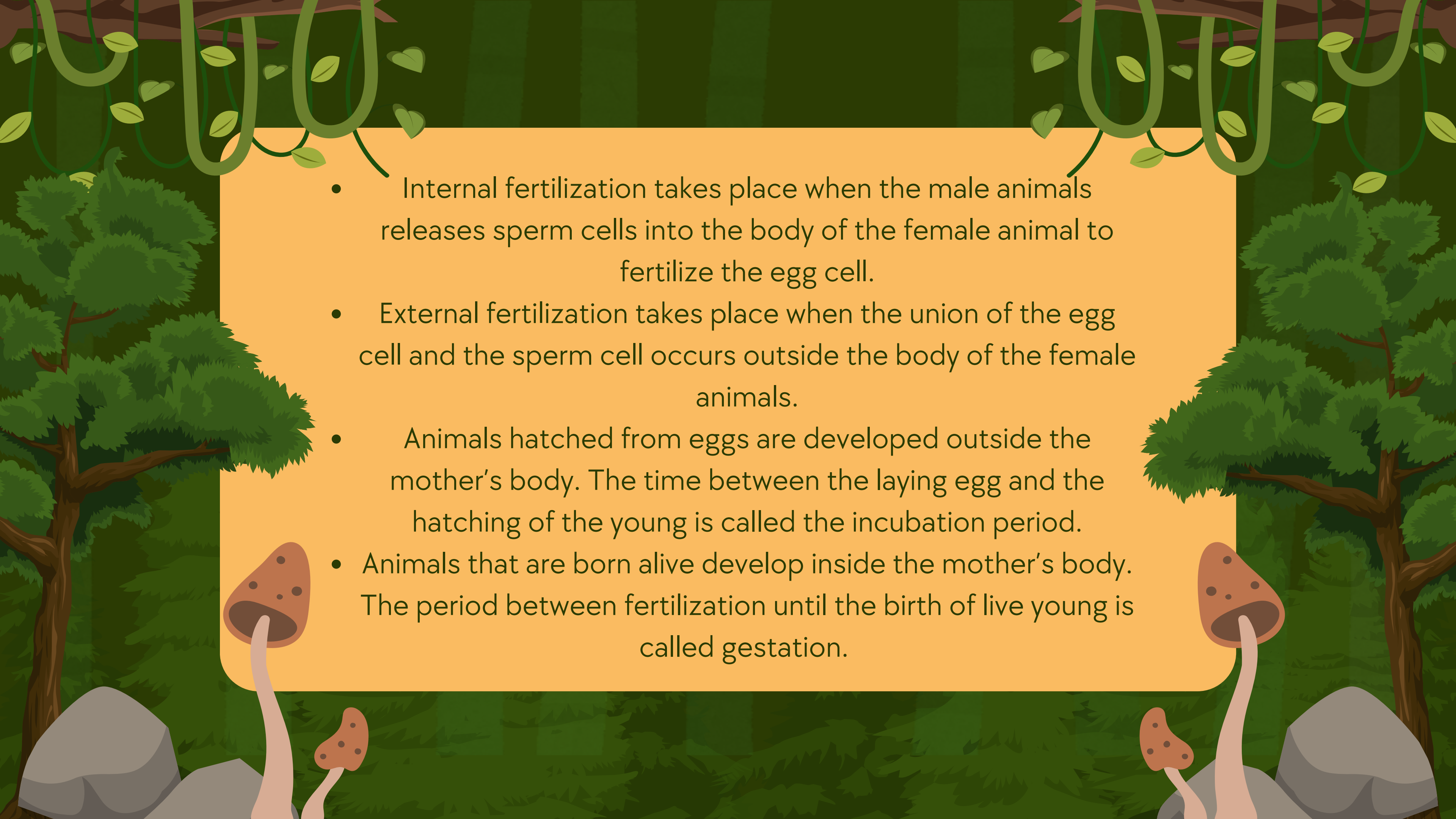


Tarsier (*Tarsius syrichta*) Lizards (*Varanus* sp.) are hatched from eggs while cats (*Felis catus*) are born alive.

The background is a stylized forest scene. It features green trees with brown trunks, green vines with small leaves climbing over branches, and several purple mushrooms with white spots and white stems. The central text is on a light orange rectangular background.

Let's Summarize

- Reproduction is the ability of a living thing to continue the existence of its kind.
- Sexual reproduction in animals occurs when the sex cells (egg cell and sperm cell) of two parent animals unite to form a new organism.
- Asexual reproduction is the kind of reproduction with the involvement of only one parent animal.
- Some examples of asexual reproduction are binary fission, and budding.

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- Internal fertilization takes place when the male animals releases sperm cells into the body of the female animal to fertilize the egg cell.
 - External fertilization takes place when the union of the egg cell and the sperm cell occurs outside the body of the female animals.
 - Animals hatched from eggs are developed outside the mother's body. The time between the laying egg and the hatching of the young is called the incubation period.
 - Animals that are born alive develop inside the mother's body. The period between fertilization until the birth of live young is called gestation.



Thanks For Your Attention

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