

Reproduction and life cycles

Living things reproduce

The number of living things increases as a result of their reproduction.

Reproduction: Producing new individuals of the same type, which ensures the survival of the species of living things.

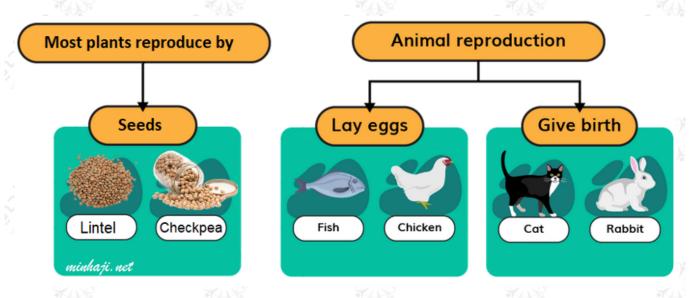
The importance of reproduction for living things

- The number of living things increases as a result of reproduction.
- Reproduction ensures the survival of living things.

Methods of reproduction in living things

Living things reproduce in different ways, including:

- Some animals reproduce by giving birth; like cats.
- Some animals reproduce by laying eggs; like chickens.
- Most plants reproduce by seed.





Life cycles of living things

A living thing goes through different stages called the life cycle.

The life cycle: The different stages of growth of living things.

Stages of the life cycle of a living thing

- The life cycle of a living thing begins at the beginning of its life.
- The living thing grows and changes in size and shape.
- The living thing becomes fully grown and capable of reproducing new individuals.

The life cycle of an animal

Each animal has a life cycle that differs from other animals in its shape and size.

The life cycle of a bird

- The life cycle of a bird begins with the egg.
- 2 The egg hatches into a small bird.
- The bird grows and changes in size until it becomes a fully grown bird.
- The bird becomes capable of reproduction and producing new individuals.





The life cycle of a butterfly

The butterfly goes through four stages in its life cycle, which are:

The egg.

The butterfly lays eggs on plant leaves.

2 The caterpillar.

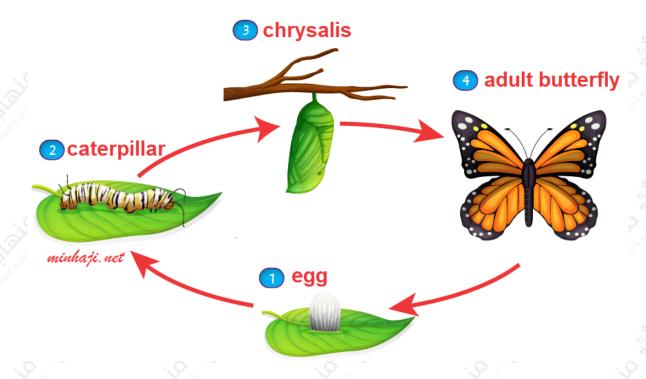
The caterpillar emerges from the egg and feeds on plant leaves.

The chrysalis.

The caterpillar transforms into a butterfly that is preparing to emerge.

The butterfly is fully grown.



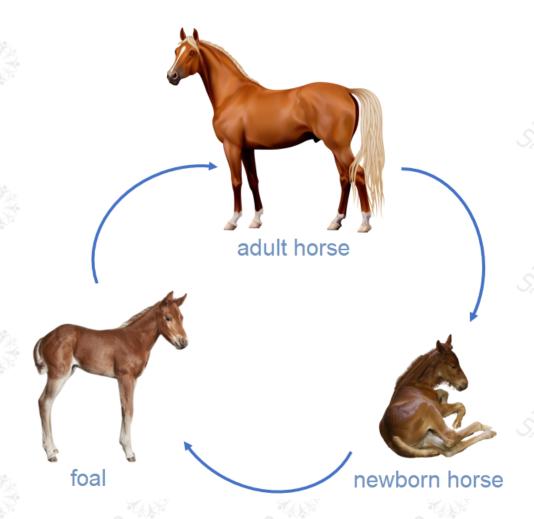


The life cycle of a horse

- A female horse (mare) gives birth to a small (foal).
- The foal grows, matures, and becomes capable of producing new individuals.

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The life cycle of a seed plant

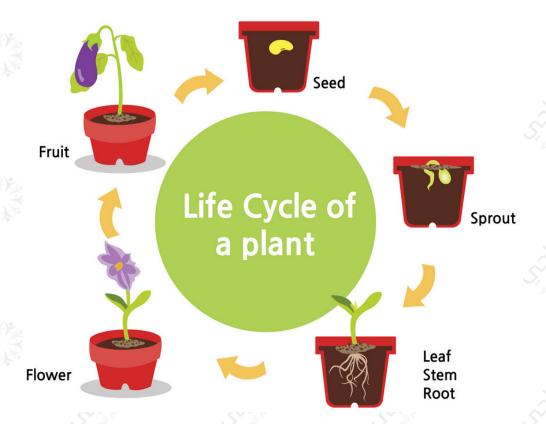
Seed plants are plants that reproduce seeds.

Seed plants have a life cycle called the life cycle of a seed plant.

Seed plants go through the following stages:

- The seed is placed in the soil, and the conditions for its growth are available.
- The seed turns into a sprout.
- The sprout grows and becomes a fully grown plant with the ability to produce new individuals.





The life cycle of a lemon

- The lemon seed turns into a small sprout.
- The sprout continues to grow until it becomes a fully grown plant.
- The fully grown plant produces flowers.
- The flowers turn into fruits.



