

Science - Living Things - Reproduction and Lifecycles

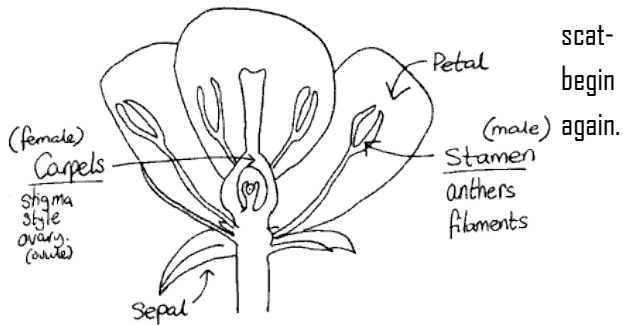
Plants - Sexual Reproduction

Germination - a plant begins to grow from a seed

Pollination - pollen produced by a flower is taken to another flower.

Fertilisation - pollen travels to the ovary where it fertilises the ovule to make a seed.

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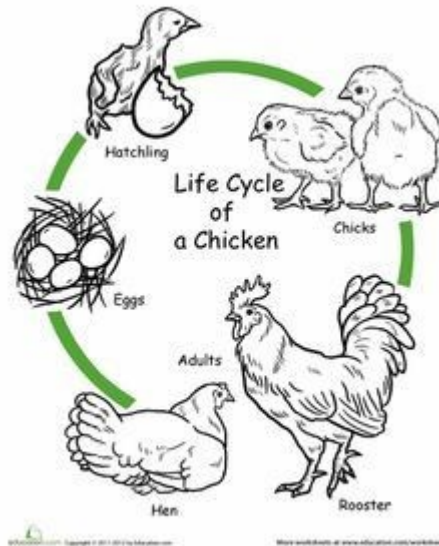
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Plants - Asexual Reproduction

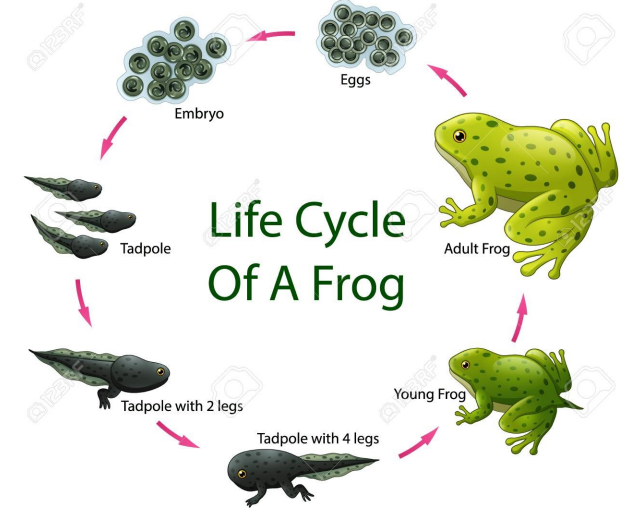
Key Vocabulary:

- Egg
- Embryo
- Gestation
- Larva
- Metamorphosis

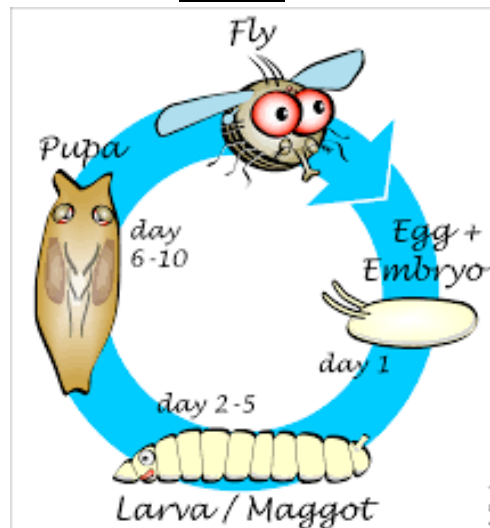
Birds



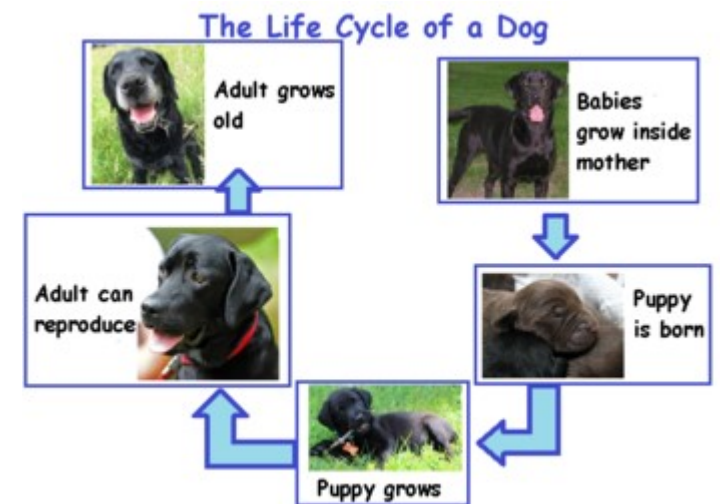
Amphibians



Insects



Mammals



Science - Animals - Human Growth and Development

Prenatal Development (Before Birth)

Before it is born, a human baby must develop, from a fertilised egg, inside its mother. This takes place in three phases.

Germinal Phase -

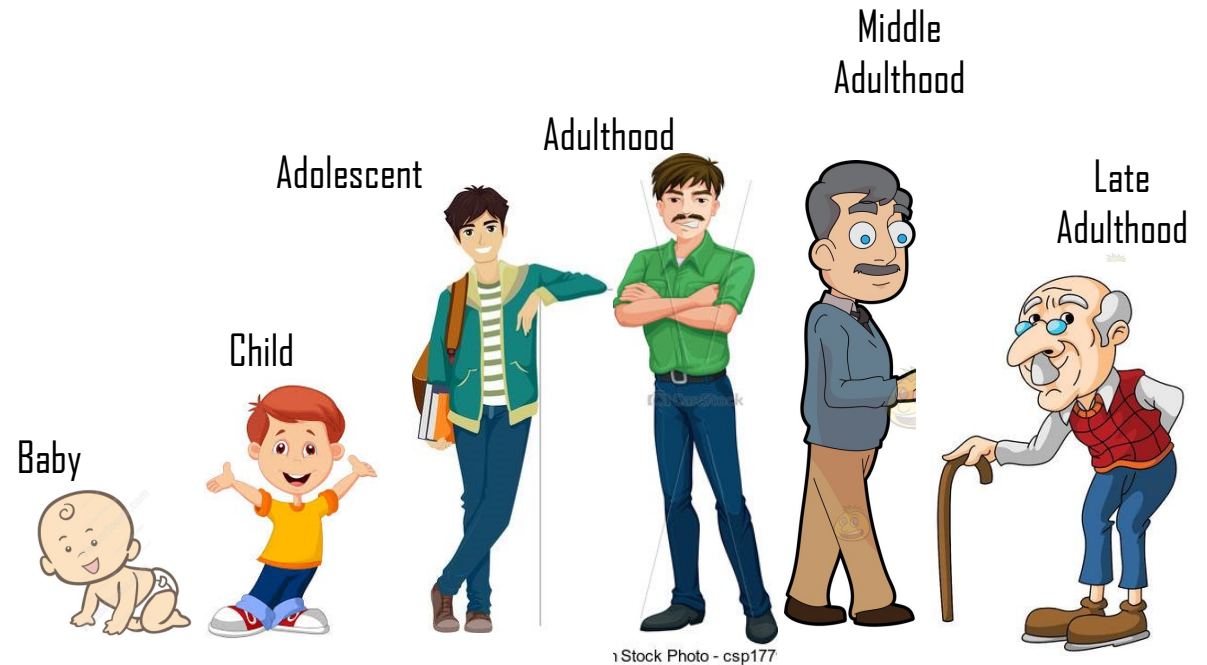
In the first two weeks of its development, the cells in the fertilised egg (zygote) develop and divide.

Embryonic Phase -

From two to eight weeks after fertilisation. This is when all of the major organs and structures within the growing mammal are formed.

Foetal Phase -

After eight weeks and until birth, the developing baby is called a foetus. At this phase, it takes on a recognisable human form and grows until it is ready to be born.



Baby - Babies drink milk after they are born. They usually begin to eat solid food after their teeth start to appear (about 6 months). Many begin to crawl around 9 months old and to walk after they are a year old, though all babies are different and develop at different times.

Child - Children develop as a child by learning to run, talk, read, write and count. They are also developing socially, emotionally and psychologically.

Adolescent - During this time, humans become more independent, begin **puberty** ready for reproduction and become ready for adulthood.

Adulthood - The human body is at the peak of its physical strength and fitness and are able to be completely independent. This is when most humans reproduce.

Late Adulthood - The human body declines in fitness and health and there is an increased dependence on others to look