

Knowledge Organiser Science Year 5 Life Cycles and Reproduction

Puberty

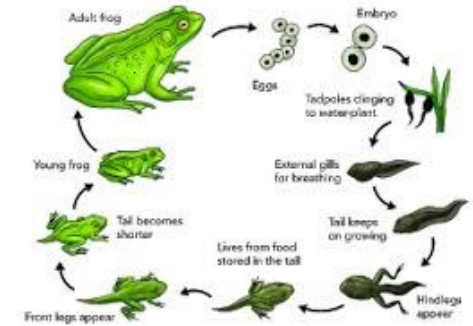
Usually begins between the ages of 8-14 and the process can take up to 4 years. During puberty the bodies of boys and girls begin to change physically. Boys and girls can experience some mood changes during puberty.

Changes for girls	hair starts to grow on their bodies breasts develop and hips widen Menstruation (periods) start
Changes for boys	hair starts to grow on their bodies and faces develop a deeper voice testes start to produce sperm

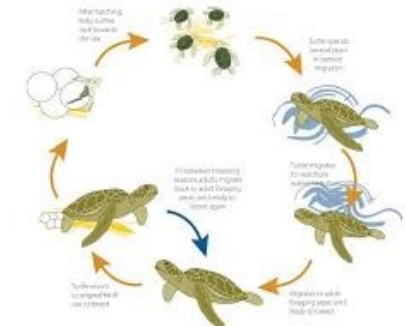
Key Vocabulary

adolescence	The time in a young person's life between childhood and adulthood
cell	Every organism, or living thing, is made up of structures called cells. A cell is the smallest unit with the basic properties of life
egg	A single female reproductive cell
fertilisation	What happens when a female's egg joins together with a male's sperm
foetus	An animal or human being in its later stages of development before it is born.
gamete	The male or female reproductive cell, that is an egg or sperm cell
gestation	The length of time a mammal carries her offspring inside her body before giving birth
metamorphosis	A process some animals go through to become adults. It is a series of physical changes.
sexual reproduction	The process where a living thing creates another organism like itself. In humans, a sperm cell from a male fertilises an egg from a female to produce a baby.
sperm	A single male reproductive cell

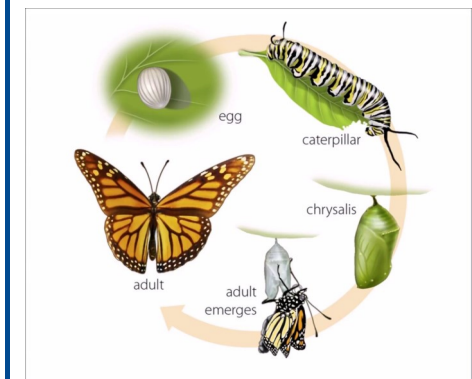
Life cycles



Amphibians



Reptiles



Insects

Sexual reproduction

