

Year Five – All living things and their habitats.



Subject Specific Vocabulary	
fertilisation	The process of male and female sex cells fusing together
embryo	The earliest stage in the development of a fertilised egg
pregnancy	When a female mammal has an unborn baby inside her.
gestation	The time between the fertilisation of the egg cell and the birth of the offspring
metamorphosis	Striking change of form or structure in an individual after hatching or birth.
germination	The process by which seeds begin to grow into plants.
pollination	The act of transferring pollen grains from the male anther of a flower to the female stigma.
sperm	A sex cell produced by a male
ovum	A female reproductive organ in which eggs are produced

Aspirational Scientist:



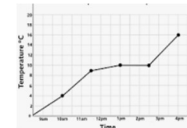
Jane Goodall is an English primatologist and anthropologist. She is famous for her study of chimpanzees. She set up the Jane Goodall institute to carry out research into protecting chimpanzees and their habitats.

Image	Sticky knowledge
	The life cycle of a mammal orangutan - Fertilised egg - Baby (born as live youngsters) - Child/ adolescent (human) - Adult - Old age.
	The life cycle of a bird scarlet macaw - Eggs - Chick - adult
	The life cycle of an amphibian (frog) red eyed tree frog - Eggs - Tadpole - Froglet – frog.
	The life cycle of an insect (Butterfly) blue morpho butterfly - Eggs - Caterpillar - Chrysalis (process called metamorphosis when young undergo a further change ie. Caterpillar to butterfly.) – Butterfly
	Sexual reproduction happens when an egg from a mother animal is fertilised by sperm from the father animal. The fertilised egg grows into an embryo, which develops into a baby animal.
	Sexual reproduction in plants - Pollen from one plant lands on the stigma of another plant (pollination). - An egg is fertilised by the pollen. - When the pollen and the egg join a seed is made. - The seed germinates. First it grows into a seedling and then a full-grown plant.
	Asexual reproduction - Some plants grow into new plants without pollen or an egg. - For example, plants can grow from cuttings, tubers, bulbs, plantlets runners.

Working Scientifically



Observation



Recording