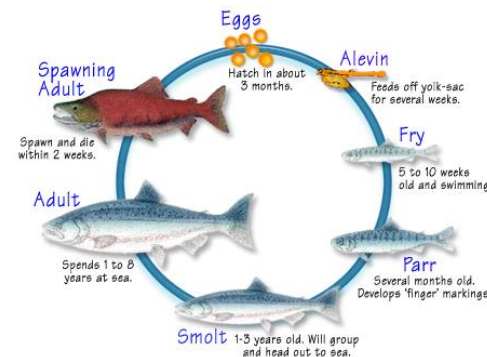
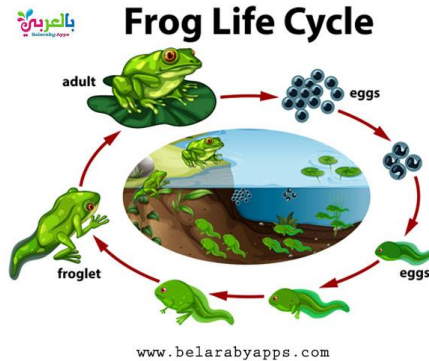
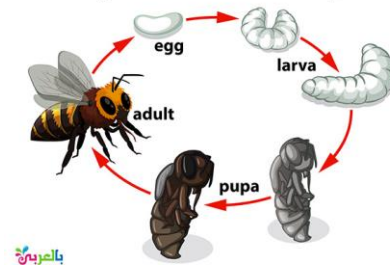


Upper KS2: Circle of Life organiser

Subject Specific Vocabulary

Bulb:	a part of a plant that stores food underground. Can grow a new shoot.
Pollination:	when pollen from one plant is transferred to the ovary of another.
Fertilisation:	when an egg and pollen (or sperm) join together.
Sexual reproduction:	to reproduce with both a male and female.
Asexual reproduction:	to reproduce on your own without a mate.
Larva:	the young form of some animals, which looks very different from its parents. It undergoes a dramatic change to become an adult, and loses its young features or gains new ones
Gestation:	when a baby animal develops inside its mother.
Metamorphosis:	a dramatic change in the life cycle of an animal in which it ends up looking totally different.
Sperm:	male animals make this.
Fertilisation:	when a sperm and an egg join together.
Internal fertilisation:	when sperm and egg join inside the body.
External fertilisation:	when sperm and eggs join outside the body

Life Cycle of a Honeybee



Sticky Knowledge about life cycles

- ☐ Different animals have different life cycles.
- ☐ Insects all go through a larval stage, which may last for years.
- ☐ A bird life cycle begins with an egg, laid outside the body, from which a baby bird is born.
- ☐ Some animals, like frogs, undergo metamorphosis, where the adult looks totally different.
- ☐ Most plants reproduce by producing seeds (this is sexual reproduction). Others can grow from bulbs, runners or cuttings.
- ☐ All animals grow from an egg. In insects, fish and amphibians, this egg is a ball of jelly and the baby develops inside. Birds and reptiles lay larger eggs with a shell. Bird eggs have hard shells and reptiles have leathery shells. The baby develops inside and then hatches when it is ready to come out.
- ☐ Mammals' eggs stay inside their mother, where they grow inside the womb. This period of growth is called gestation.
- ☐ Many animals release millions of sperm/thousands of eggs at a time to improve their chances of fertilisation.