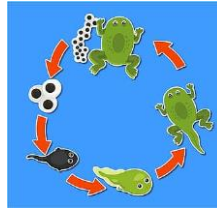


Year 6: Ravens

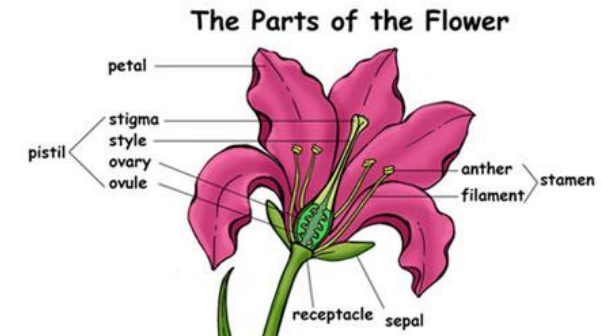
Science

Summer 1

Reproduction



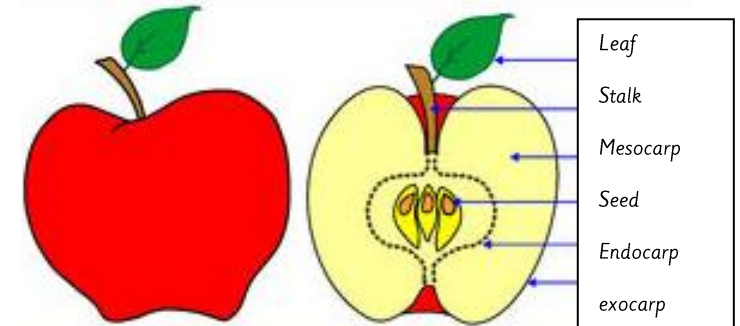
Reproduction in a plant



Reproduction in flowers needs both male and female gametes. The female gametes can be found in the ovary, which is part of the pistil.

The male gametes are produced on the anther, which is part of the stamen.

Key Vocabulary	Definition
asexual	(of reproduction) Not involving the fusion of gametes: it has one genetic parent.
cell division	The division of a cell into two daughter cells with the same genetic material.
cloning	The process of producing individual organisms with identical DNA.
embryo	An unborn or unhatched offspring in the process of development.
endocarp	The innermost layer of the pericarp which surrounds a seed in a fruit. It may be membranous (as in apples) or woody (as in the stone of a peach or cherry).
exocarp	The outer layer of the pericarp of a fruit.
fertilisation	The action or process of fertilizing an egg, female animal, or plant, involving the fusion of male and female gametes.
gamete	Contain only one set of dissimilar chromosomes, or half the genetic material necessary needed for reproduction.
mesocarp	The middle layer of the pericarp of a fruit, between the endocarp and the exocarp.
ovary	Where the female gametes are produced.
pericarp	The part of a fruit formed from the wall of the ripened ovary.
regeneration	The formation of new animal or plant tissue.
reproduce	To produce again.
stamen	The male part of the flowering plant which comprises of an anther and a filament.
symbiotic	Involving interaction between two different organisms living in close physical association.



Asexual reproduction

Some plants will use asexual reproduction and sexual reproduction to form

