



Reproduction A

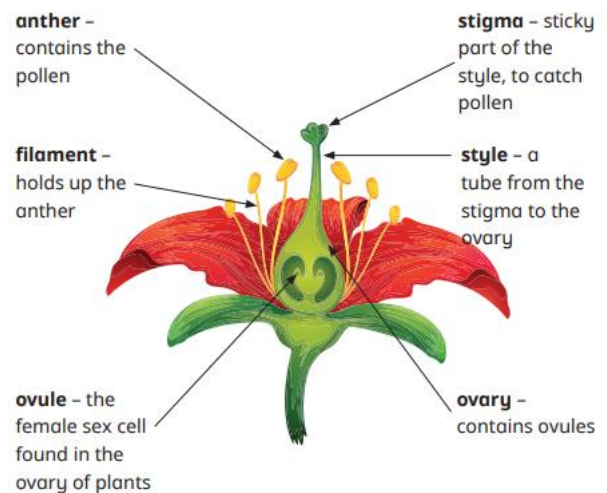
Statutory Requirements:

- Describe the life process of reproduction in some plants and animals.

Working Scientifically:

- Use relevant scientific language and illustrations to discuss, communicate and justify their scientific ideas' (non-statutory).
- Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs
- Reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations.
- Identifying scientific evidence that 'has been used to support or refute ideas or arguments.
- Planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary.
- Taking measurements, using a range of scientific equipment, with increasing accuracy and precision; taking repeat readings when appropriate.

Vocabulary:



- pollen
- stamen
- pistil
- pollination
- fertilisation
- clone
- runner
- tuber
- bulb
- asexual reproduction
- independent variable
- dependent variable
- controlled variables
- cutting
- parent plant
- compost

Key Scientists:

Classic

Rudolf Jakob Camerarius
(1665-1721)

Known for investigations on the reproductive organs of plants.



Key Learning Steps:

- 2.. Reproductive parts in plants
3. Pollination
4. Asexual reproduction
5. Plan - clone plants
6. Plant - clone plants