Sexual Reproduction

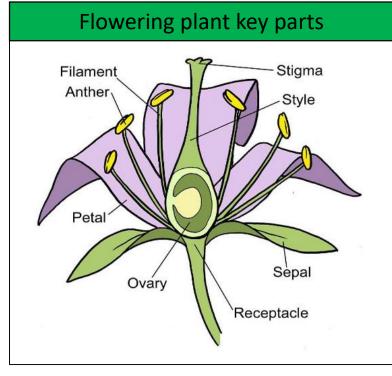
Two parents create one offspring

Year: 5

Unit: 1

## Unit title: Living Things and their Habitat

| Two parents create one onspring |       |        |                     |        |                    |        |
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| А                               | sexua | l Repi | r <mark>od</mark> u | iction |                    |        |
| One pare<br>runner              |       |        | aub<br>Bulb         | V      | (clone)<br>antlett |        |
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|                                 | 2     |        | Å                   | Î      |                    | Ť      |



## Life Cycles

All living things have a **lifecycle**. A lifecycle describes the different **stages of life** as a living thing is **born or germinates**, **grows**, **matures** into an adult and then **reproduces** to produce babies.

Different types of living things have different lifecycles. But all living things begin as young, grow, become adults who can reproduce, and finally age and die.

|    | Key Vocabulary          |   |  |  |  |  |
|----|-------------------------|---|--|--|--|--|
|    | Word                    | Definition  |  |  |  |  |
| 1. | Life Cycles             | The journey of changes that take place throughout the life of a living thing.                       |  |  |  |  |
| 2. | Sexual<br>Reproduction  | Two parents needed to make<br>offspring which are similar<br>but not identical to either<br>parent. |  |  |  |  |
| 3. | Asexual<br>Reproduction | One parent is needed to create an offspring, which is an exact copy of the parent.                  |  |  |  |  |
| 4. | Metamorphosis           | An abrupt and obvious<br>change in the structure of an<br>animal's body and their<br>behaviour.     |  |  |  |  |
| 5. | Pollination             | The transfer of pollen to a stigma to allow fertilisation.  |  |  |  |  |
| 6. | Fertilise               | The action of fusing the male<br>and female sex cells in order<br>to develop an egg.                |  |  |  |  |
| 7. | Germination             | When a seed starts to grow into a new plant.  |  |  |  |  |