



# St John Fisher RC Primary School

## Year 5 Knowledge Organiser – Summer One – Science - Reproduction

### What we will be learning

#### Lessons 1-3

#### I know:

#### Lesson 1

- How to explain sexual reproduction in mammals
- The names of the reproductive parts in plants

#### Lesson 2

- How to explain the process of pollination
- How to explain asexual reproduction

#### Lesson 3

- How to plan and carry out an experiment to clone a plant

### Key Facts to Remember

- Mammals give birth to live young
- Gestation is the process of offspring developing inside the female mammal
- Some plants have both male and female parts and can reproduce themselves
- Some plants can reproduce asexually without the involvement of sex cells.

### Key Vocabulary and Glossary

<b>Sexual Reproduction</b>	<b>the process of making non-identical offspring which requires two parents.</b>
<b>Fertilisation</b>	<b>the joining of a male and female sex cell to create a new life</b>
<b>Embryo</b>	<b>the earliest stage of development after fertilisation for mammal offspring</b>
<b>Foetus</b>	<b>the stage of development after embryo for mammal offspring</b>
<b>Pollination</b>	<b>the process where pollen grains, containing male reproductive cells, are transferred from a flower's anther (male part) to its stigma (female part)</b>
<b>Asexual reproduction</b>	<b>a process of making identical offspring which requires one parent</b>
<b>Clone</b>	<b>a plant or animal that was produced asexually and is identical to its parent</b>

### Key Knowledge: Every living thing has a life cycle and reproduces.

