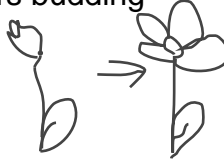


A picture says
1000 words

Budding

-When an organism
grows on top of another
organism

-Example:
Flowers budding



Grafting

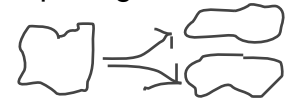
-Process of binding
two different plants
together to make a
single plant with both
characteristics.

-Example: Grafting
apple trees

Cloning

-Making a
genetically identical
copy of an organism.

-Example: Bacteria
splitting in two



-The generation of
new individuals
without the fusion of egg
and sperm.

-Offspring is identical
to the parent.

Asexual Reproduction

-Cell that starts as a
baby, then grows up,
then doubles, and then
splits itself in two.

-Example: Bacteria,
Viruses

-Spores are when
plants are about to die
and they create spores
by pushing out all their
DNA to create other
plants from its DNA.

Fission

Spores

Asexual Reproduction

What do you KNOW?

- An offspring that was created from only one cell.

What do you Wonder?

- How does one cell duplicate into two identical cells?

Science in Context Experts Assignment

Form: Cloning

1. Find real examples of your form of asexual reproduction
2. Watch a video (or two)
3. Look up images and draw a picture on your sheet
 - a. add labels/words/arrows/colour

4. Describe the process

Taking the DNA from an organism and replicating it to make an identical copy of the original organism.

5. Define asexual reproduction in less than 10 words

An organism that is derived from a single organism.

6. Be prepared to share what you now know with your group.

7. Find out something about what makes you wonder.

8. Search these key words: (or help a friend when finished)

Parthenogenesis

Mitosis

Vegetative Reproduction

Sexual Reproduction

