Science Lesson 1 Learning Objective

- **I can describe the life cycle of a plant.**

Remind yourself how seeds are dispersed using the pictures below.

Can you remember the names of the parts of the plant and what their function is? Sing the song from lesson 1 again!

The facts you need!

Ask your adult to help you find these and then watch them. They are all about the life cycle of a plant.

https://www.bbc.co.uk/bitesize/clips/zgqyrdm

These videos are filled with lots of facts about the life cycle of a plant.

Your Task...

Task 1

Now you know all about the whole lifecycle of a plant, can you complete the sentences, cut and stick the pictures, definitions into the correct boxes on the worksheet below? You might like to stick it all onto a paper plate so it is clear it is a circular process!

Don't forget to colour the picture neatly too!

Task 2

Using cress seeds investigate what a seed needs to grow!

Try

- Seeds on their own (no soil and no water)
- Seeds on their own with water but no soil.
- Seeds in soil but no water.
- Seeds in soil with water on the window sill.
- Seeds in soil with water but kept in the fridge!
- Seeds in sand but no water.
- Seeds in sand with water.

Take photographs of what happens! What did you discover?

Task 3

When you go out into the garden or for a walk, look again at the different types of plants. Notice the insects on the flowers and remember to use the word pollination which is where fertilisation takes place. When you see seeds flying through the air or dropping to the ground, remember to use dispersal. Finally, when you see new shoots of a plant growing, remember to use germination. These are the scientific names in the life cycle of a plant!

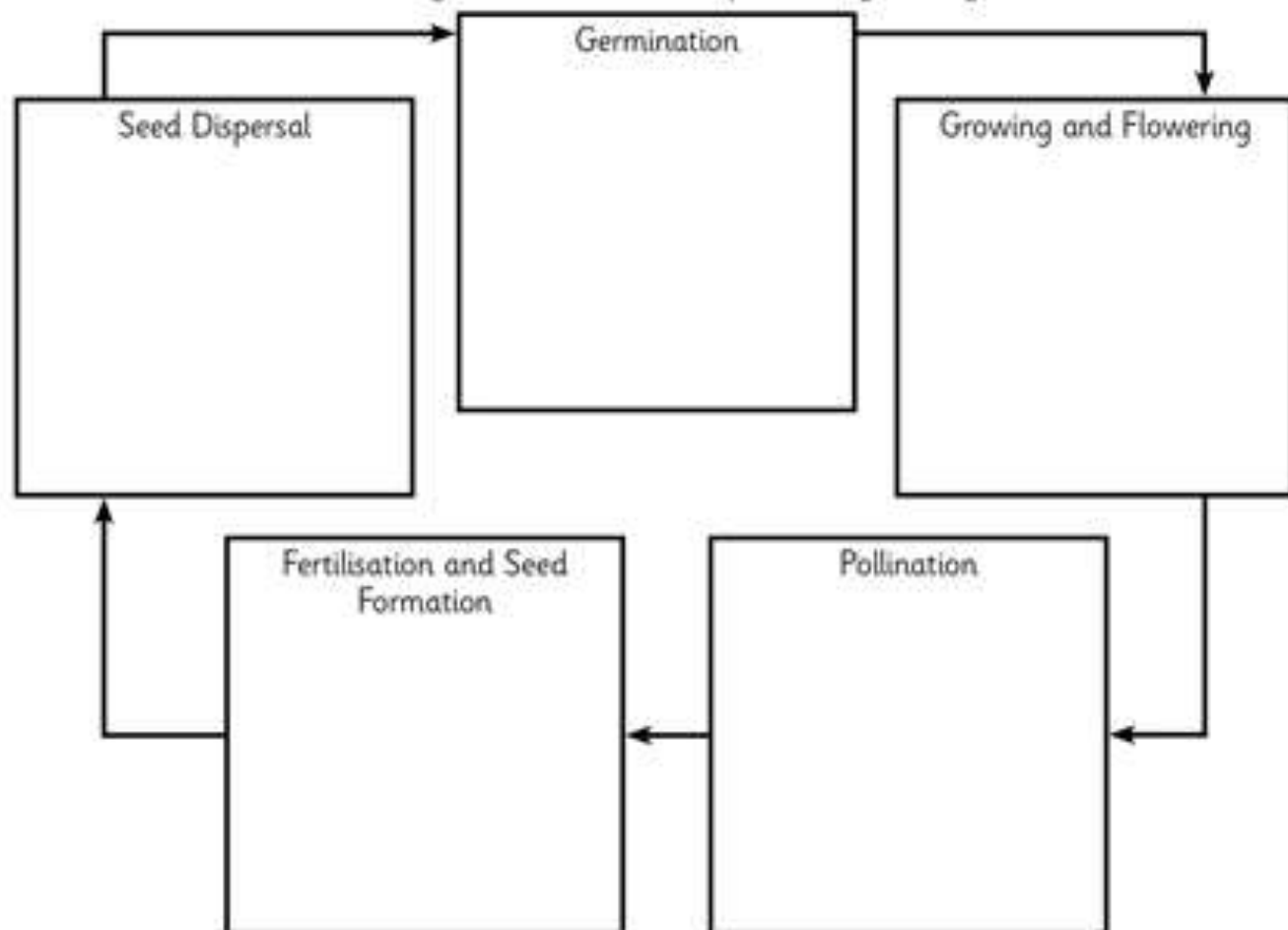Tweet photographs of your finished life cycle picture. If you can't tweet then send photographs by e-mail!

Our Twitter

Church Hill
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Happy Creating!

I can understand and order the stages of the life cycle of a flowering plant.

Can you cut and stick the descriptions and pictures to the correct stage of the life cycle?
Add the missing words to each description using the key words.

Germination

Seed Dispersal

Growing and Flowering

Fertilisation and Seed Formation

Pollination

The plant grows _____ and forms a flower.

The fully formed _____ are moved away from the parent plant.

The seed _____ to grow.

The pollen joins with an _____ and a seed starts to form.

Pollen from the _____ lands on the stigma and travels down the style.

Key Words
seeds
ovule
starts
anther
bigger

Answers for labelling

Growing & Flowering   Dispersol   Germination   Fertilisation   Pollination

| The plant grows bigger and forms a flower. | The fully formed seeds are moved away from the parent plant. | The seed starts to grow. | The pollen joins with an ovule and a seed starts to form. | Pollen from the anther lands on the stigma and travels down the style. |