

# Plants: Lesson 3

Match the part of the plant to its purpose:

Choose whether you would like to complete the mild **or** the hot version.

Remember to challenge yourself!



In your book, match the part of the flower to its purpose:



- 1.) A fine powdery substance found on the stamen which is produced by a flowering plant.
- 2.) Produces eggs and protects the baby plant.
- 3.) The male part of the flower which is made up of the anther and filament.
- 4.) The part of the female reproduction organ of a flower which receives the pollen.
- 5.) Leaf-like structures that protect the flower and petals before they open out.
- 6.) The female part of the flower which sits on top of the ovary and holds the stigma up to receive pollen.

Pollen

Stamen

Sepals

Stigma

Style

Ovary

## Answers

In your book, match the part of the flower to its purpose:



- 1.) A fine powdery substance found on the stamen which is produced by a flowering plant - **Pollen**
- 2.) Produces eggs and protects the baby plant - **Ovary**
- 3.) The male part of the flower which is made up of the anther and filament - **Stamen**
- 4.) The part of the female reproduction organ of a flower which receives the pollen - **Stigma**
- 5.) Leaf-like structures that protect the flower and petals before they open out - **Sepals**
- 6.) The female part of the flower which sits on top of the ovary and holds the stigma up to receive pollen - **Style**

Pollen

Stamen

Sepals

Stigma

Style

Ovary

In your book, fill in gaps using the word bank below:



The flower is made up from lots of parts.

The sepal is a leaf-like structure which \_\_\_\_\_ the flower and \_\_\_\_\_ before they open out.

The \_\_\_\_\_ is the male part of the plant which is made up from the anther and the filament. It is also where a fine, powdery substance called \_\_\_\_\_ is found.

The Style is part of the \_\_\_\_\_ reproduction organ of a flower, and the place where pollen is transferred to the \_\_\_\_\_ .

The \_\_\_\_\_ sits on top of the ovary and holds the \_\_\_\_\_ up to receive pollen.

The ovary produces \_\_\_\_\_ and protects the baby plant.

Pollen   Style   Eggs   Protects   Female   Stigma x2   Petals   Stamen

## Answers

In your book, fill in gaps using the word bank below:

The flower is made up from lots of parts.

The sepal is a leaf-like structure which **protects** the flower and **petals** before they open out.

The **stamen** is the male part of the plant which is made up from the anther and the filament. It is also where a fine, powdery substance called **pollen** is found.

The Style is part of the **female** reproduction organ of a flower, and the place where pollen is transferred to the **stigma** .

The **style** sits on top of the ovary and holds the **stigma** up to receive pollen.

The ovary produces **eggs** and protects the baby plant.



Pollen

Style

Eggs

Protects

Female

Stigma x2

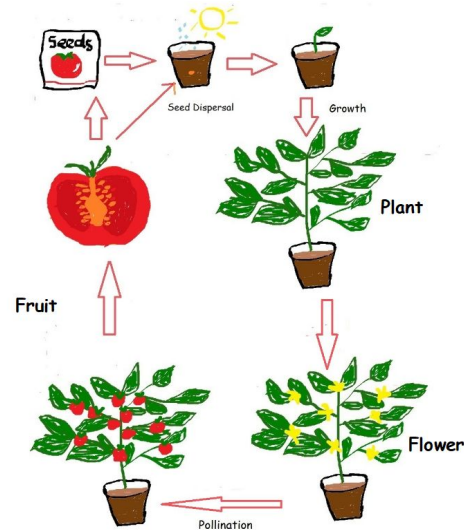
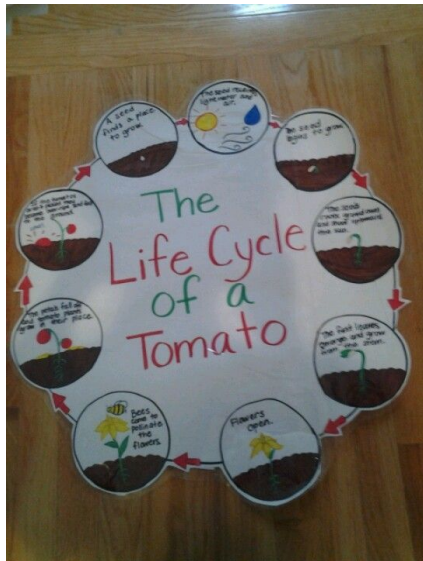
Petals

Stamen

Research and create a life cycle of a tomato.

You could watch <https://www.youtube.com/watch?v=agd6NXFx0mk> to help (remember to check with your grown up before watching).

How creative can you be in your presentation?





Looking at the inside of the tomato, where would we find the seed?  
What is inside the seed?