Welcome to Miss McKinney's Zoom Classroom

We will wait for the majority to arrive before taking the register.

Please ensure your mic is turned off, unless you are replying to a question.

Thank you ☺

14.1.21

Good morning class 4

Your 8.45am task is...

Read from where you are up to in your reading book.

Who are your favourite characters in the story?

Why?

Zoom behaviour charter

- Mic on mute unless Miss McKinney unmutes
- Use hand up icon to ask questions
- Listen to your teacher
- Listen to your friends
- Remember your best learning behaviour and our class charter
- Do you best ☺

14.1.21

The life cycle of flowering plants

Scientist of the half term...

- https://www.bbc.co.uk/teach/class-clips-video/science-ks2-the-work-of-carl-linnaeus/zhnjf4j

- Science quick facts – record 3!

- **CARL LINNAEUS** explains his new classification system, which is known as taxonomy, and how it helps us determine what an organism is.
- The naming is decided by their genus and species.
- We learnt about how he came up with the idea on a research visit to Lapland.
- His scientific process involved observing, recording the information and making conclusions.
- He divided animals into seven classes: 1. mammals, 2. Birds, 3.amphibians, 4. Fish, 5. Insects, 6. Worms.
- He gave each organism a two part Latin scientific name and used hierarchy, which showed how important each animal was.
- The system could be used across the whole world.
- Humans are homo sapiens; a house cat would be felus catus.
- We learn about a book he wrote book called the System of Nature.

- Flowering plants -

Our objectives

- To dissect and label the parts of a flowering plant, including male and female structures.
- To record findings as an annotated illustration of a flowering plant.
- To know and understand the life cycle and reproduction of a flowering plant.

- We are exploring flowering plants and the way in which they reproduce sexually.
- As a refresher – have a look at this next screen...Can you match the labels – you don't need to have this printed. It will be on the screen for a few minutes. You just need to record your ideas in your notepad...

UKS2_Science_Yr_5_Summer_1_Art_of_Living_Session_1_Resource.pdf - Adobe Acrobat Reader DC

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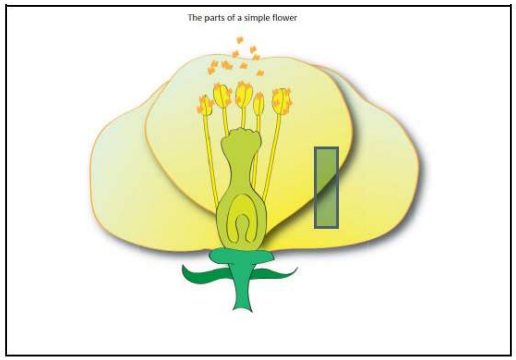
13 / 19 71%

Unlabelled flower with labels to add in



Petal	**Pollen**	**Anther**
Sepal	**Pistil**	**Sepal**
Stamen	**Style**	**Receptacle**
Stigma	**Filaments**	**Stem**
Ovule	**Ovary**	

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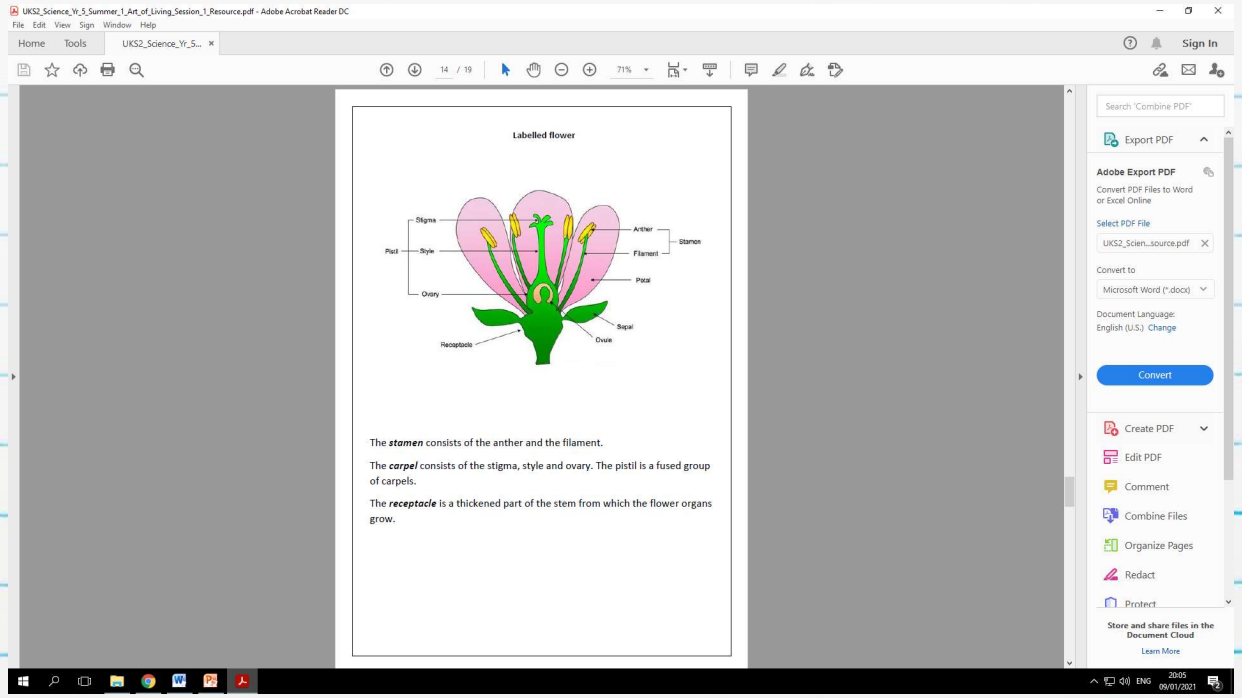
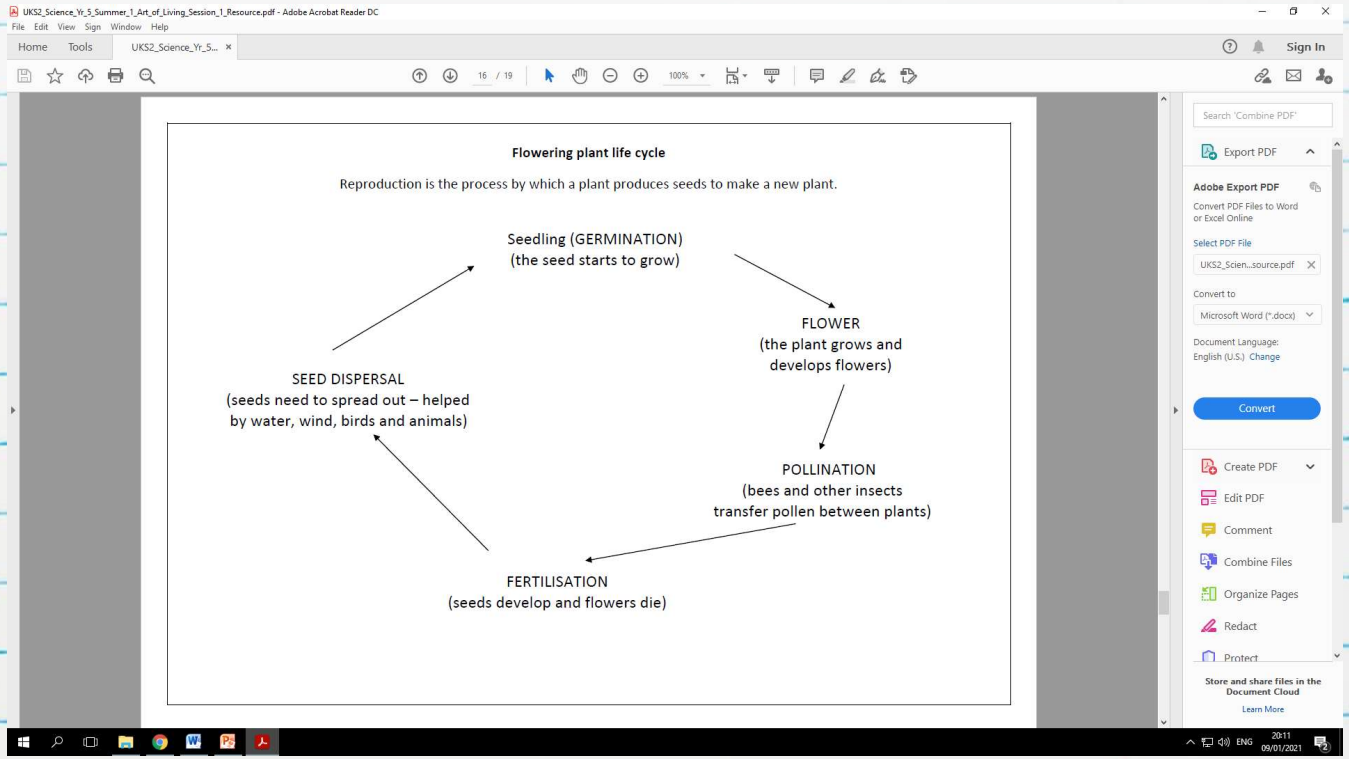


The **stamen** consists of two main parts: anther and filament; while the **stigma, style and ovary** are together called the **carpel** or **pistil** (a fused group of carpels). The **ovule(s)** is/are found inside the **ovary**.

You might remember stig**ma** as female (where the ovule/egg is found), and sta**men** for male (where the pollen is produced).

StudyJam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Flowering plant life cycle
Reproduction is the process by which a plant produces seeds to make a new plant.
Seedling (GERMINATION)
(the seed starts to grow)
FLOWER
(the plant grows and
develops flowers)
POLLINATION
(bees and other insects
transfer pollen between plants)
FERTILISATION
(seeds develop and flowers die)
SEED DISPERSAL
(seeds need to spread out – helped
by water, wind, birds and animals)
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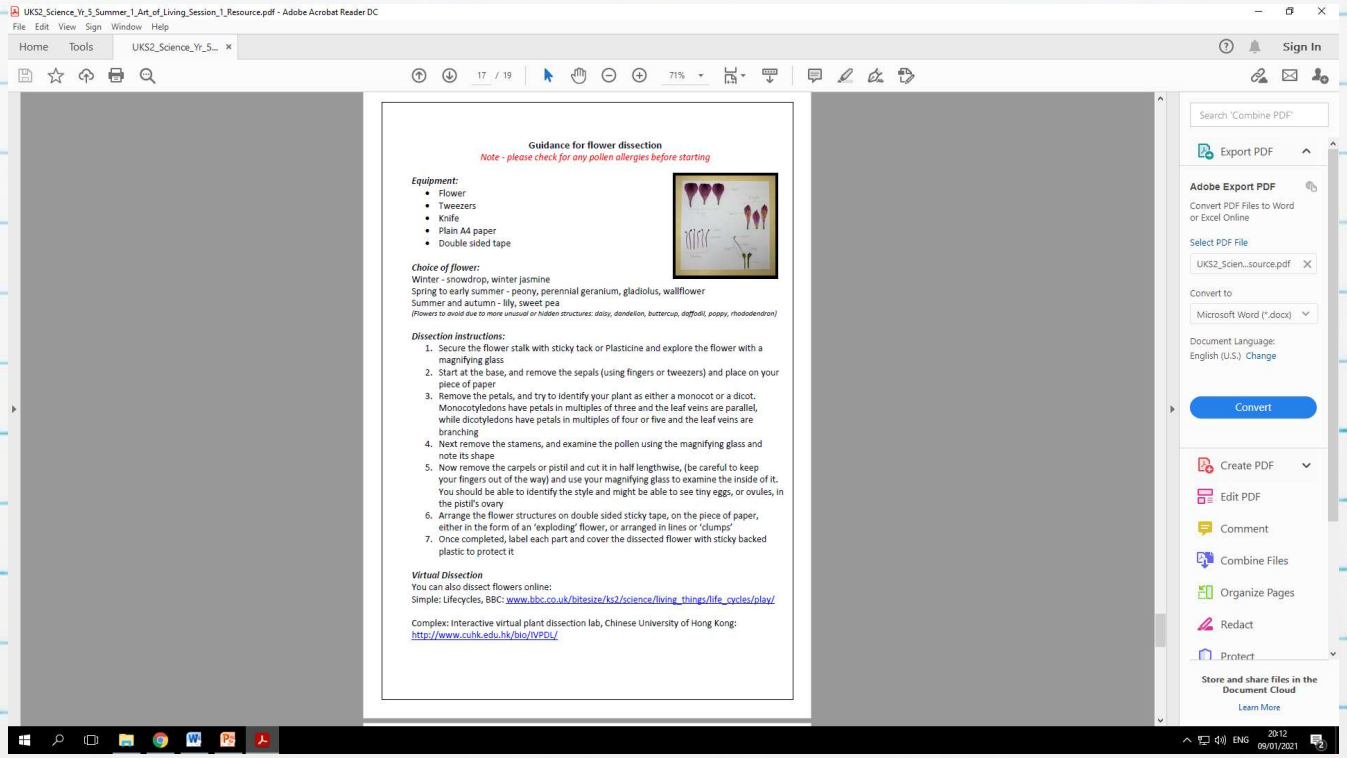
Dissection of a cultivated flower



Annotate (label) features that promote: germination, flowering, pollination, fertilisation and seed dispersal.

YOU DO NOT NEED TWEEZERS OR A KNIFE!

THUMBS UP – have we achieved our objectives?

To dissect and label the parts of a flowering plant, including male and female structures.

To record findings as an annotated illustration of a flowering plant.

To know and understand the life cycle and reproduction of a flowering plant.

Can you identify key stages in each life cycle? Is this the only way that flowering plants can reproduce?

Next week we will be investigating ways to propagate flowering plants and will be learning about natural forms of asexual reproduction in plants.

Do you know where to find your maths lesson @ 11am?

Please send your science to me on Class DOJO – there will be lots of points up for grabs today!

Last messages - break time for everyone next ☺