

PLANTS

Complete **five** activities by Friday **XXXX**. The sensible thing would be to do one activity a day. You do not need to do all eight on the grid. Choose the ones that interest you the most. You can do the activities either in google docs, google slides or on paper.

Plant Growth Experiment

Create your own experiment into what plants need to grow strong and healthy.

You will need:

- Seeds (any type will do, or use dried peas or beans from a soup mix)
- 3 plastic containers (recycled yoghurt pots or similar are idea)
- Compost or soil for planting

Method:

1. Think of all the things you know plants need to grow; water, light, nutrients.
2. Now plant one seed in each container and choose one thing to change, like watering, and keep the rest the same.
3. If watering, water on seed lots, water one seed a little, and don't water the last seed at all.
4. Keep a record by measuring the height of each plant every other day.

Share with your teacher.

Plant Anatomy and Pollination

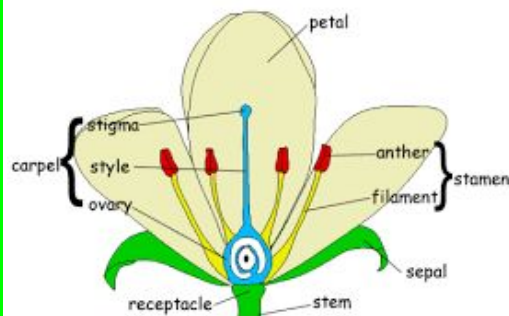
Investigate how plants produce seeds.

Watch this [BBC Classclip](#).

Find a flower in your garden or on a walk, carefully dissect your flower like in this [video](#)

Can you identify these plant parts?

Petal, Stamen, Carpel, Sepal, Stem



Share with your teacher.

BBC Bitesize

What is fertiliser?

[Visit BBC Bitesize](#)

Watch the clip and read the information about what plants need. Then take the quiz.

Can you write a list of arguments in favour and against the use of fertilisers?

Share with your teacher.

Plant Diary

Make your own plant diary.

You will need:

- Paper or booklet/journal
- Pencil and drawing materials
- Tape or Glue

Fold the paper into a booklet or use a jotter or journal.

Every day draw or stick in a bit of a plant you've seen.

You can dry flowers by pressing them in grease proof paper between two heavy books.

Share with your teacher.

Hapa Zome

Hapa Zome is the ancient Japanese art of printing with plant dyes.

Your will need:

- Plants, any you can find in your home or garden
- Paper or fabric to print onto
- Something hard to pound with (a hammer or large stone)

Method

Sandwich the plant(s) between two piece of paper or cloth
Pound gently on a hard surface to release the plant's natural dyes

You can watch a tutorial [here](#).

Share with your teacher.

Seed Dispersal

Plants have evolved different methods of spreading their seed far and wide from their parent plant.

Watch this BBC clip on seed dispersal.

In your garden or on a walk, hunt for one sample of each type of seed. Can you find each of these?

Floaters- seeds that float on the wind

Hitchhikers- seeds that hook or cling to animal fur

Food for Animals- seed encased in sweet fruit for animals to eat

Spinners- seeds that spin and float to on the wind

Share with your teacher.

Create a Plant Model

Use recycled materials from your home to create a model of a plant Make it as big as you can! Possible materials-

Stem • straw, piping, card tubing from foil/cling film, drinking straws

Roots • long 'art' pipe cleaners, string, wool

Flower • coffee filter (can be coloured), cake cases, cake doily, milk bottle tops, paper plates
Leaves, card/paper

Share with your teacher

Plant spotting

Try downloading a plant identification app to a smart phone or device. Then you can identify different plants in your garden, house, or out on a walk.

You can use:

Google Pixel

PlantSnap

FlowerChecker

NatureGate

And many more

Share with your teacher.