

# 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.

## Seed Germination

Grow your own seed in a plastic bag so you can see the roots, shoots and leaves emerge.

You will need:

- Seed
- Paper Towel
- Plastic Bag

[Click here for instructions](#)



**Share with your teacher.**

## Plant Experiment

Investigate 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. Plant your 3 seeds in 3 pots
2. Place one pot in a sunny spot
3. Place the second pot in a cupboard with no light
4. Place the third seed away from windows where it gets some light but indirectly
5. Watch and record how all 3 seeds grow over several weeks.

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Remember to water all of your seed regularly.

## BBC Bitesize

What do plants need to grow?

[Visit BBC Bitesize](#)

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

Can you write a set of instructions for looking after a plant for a friend or family member?

**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.

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## 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](#).

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## Plant Game

### You will need:

Pencils  
Paper  
6 sided

### Rules:

The first person to draw a complete flowering plant wins  
You may draw 1 plant part per turn.

Each turn, roll the dice and draw the matching part of a plant.

1. Root
2. Stem
3. Miss a turn
4. Leaf
5. Petal
6. Roll Again

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## Create a Plant

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

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## 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.**

I can help to design experiments to find out what plants need in order to grow and develop. I can observe and record my findings and from what I have learned I can grow healthy plants in school. SCN 1-03a

Observes, collects and measures the outcomes from growing plants in different conditions, for example, by varying levels of light, water, air, soil/nutrients and heat. Structures a presentation or report, with support, to present findings