

Year 3 Science

Summer term 2 - Week 2

Our Changing World - Plants Lesson 2

L.O.To make observations and collect evidence about seeds.

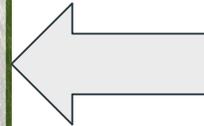
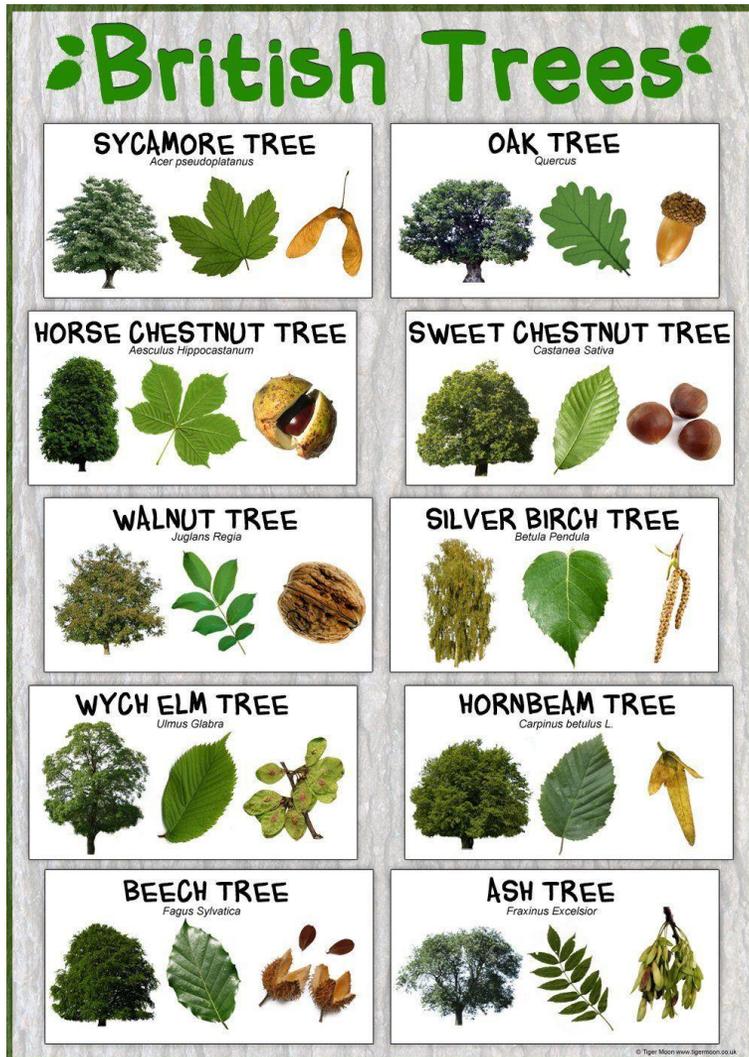
Vocabulary:

Seed, pip, stone, pit, lifecycle, disperse, conker, acorn, hooked, sticky, pods, float, wings, fleshy, water, wind, animals.

Have you noticed that plants and trees have many different types of seeds?

Here are the seeds of trees found in Britain. You might have seen some of these in the park, garden or in our school grounds e.g. conkers, acorns, beech nuts or 'helicopters.' Many of these are found in the Autumn.

Other flowering plants and even grass have seeds too.



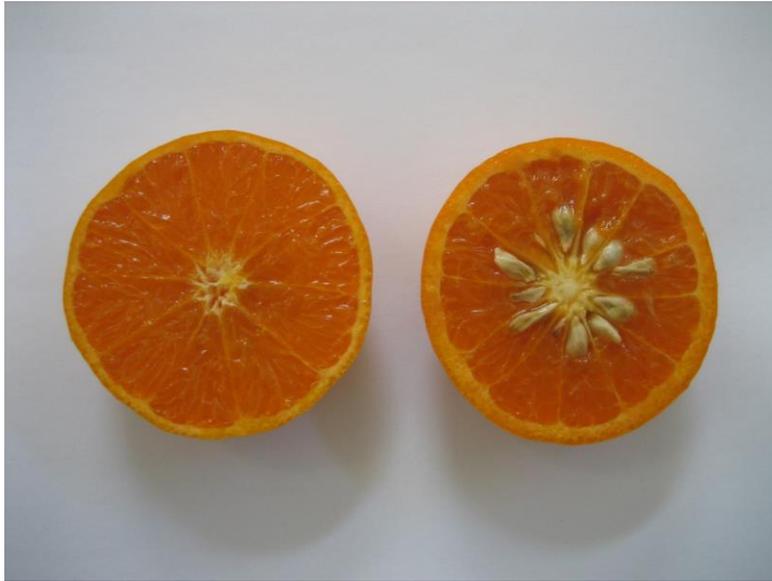
Dandelion

Grass

Sunflower seeds

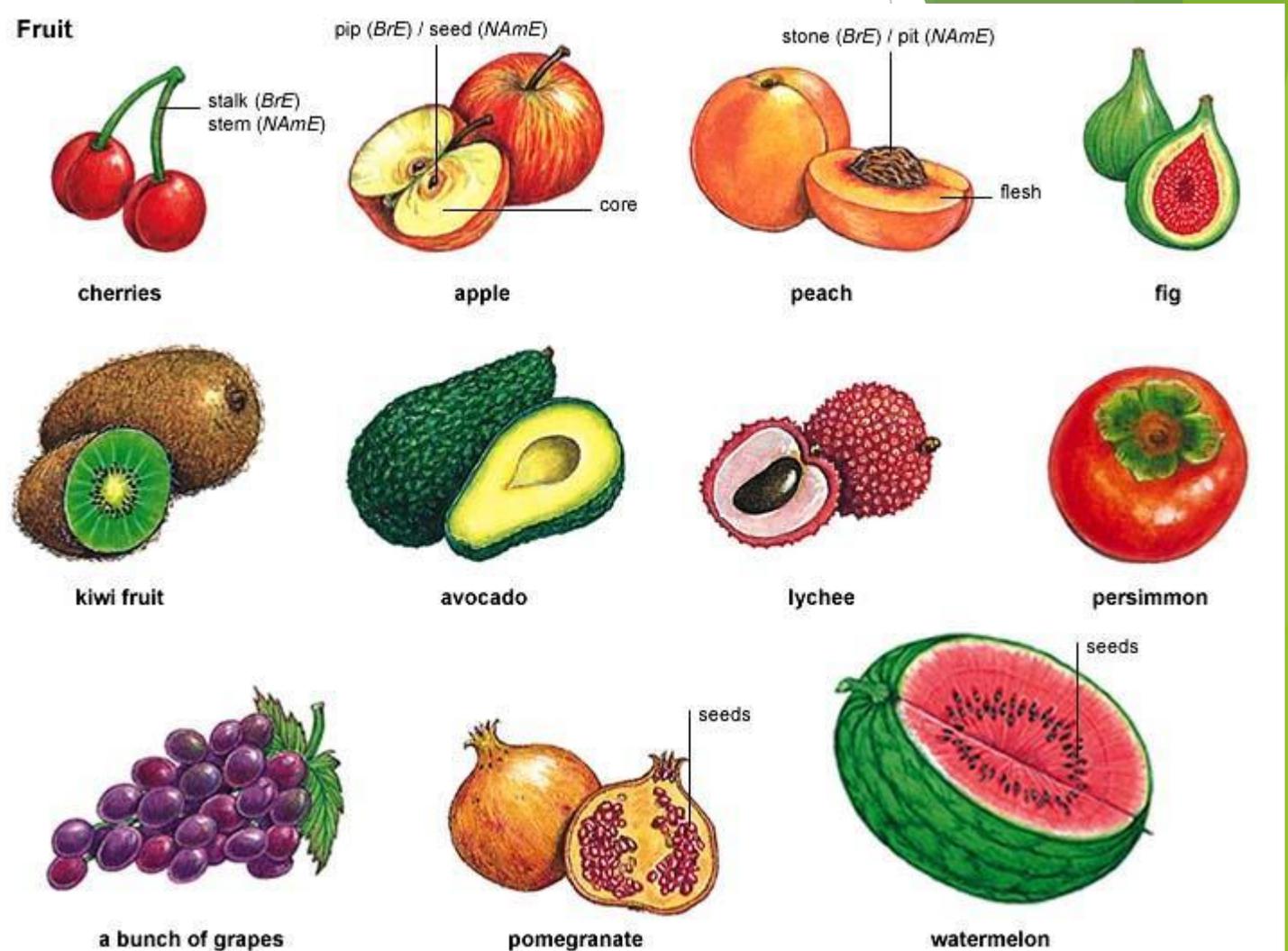


Many seeds are found inside fruit:



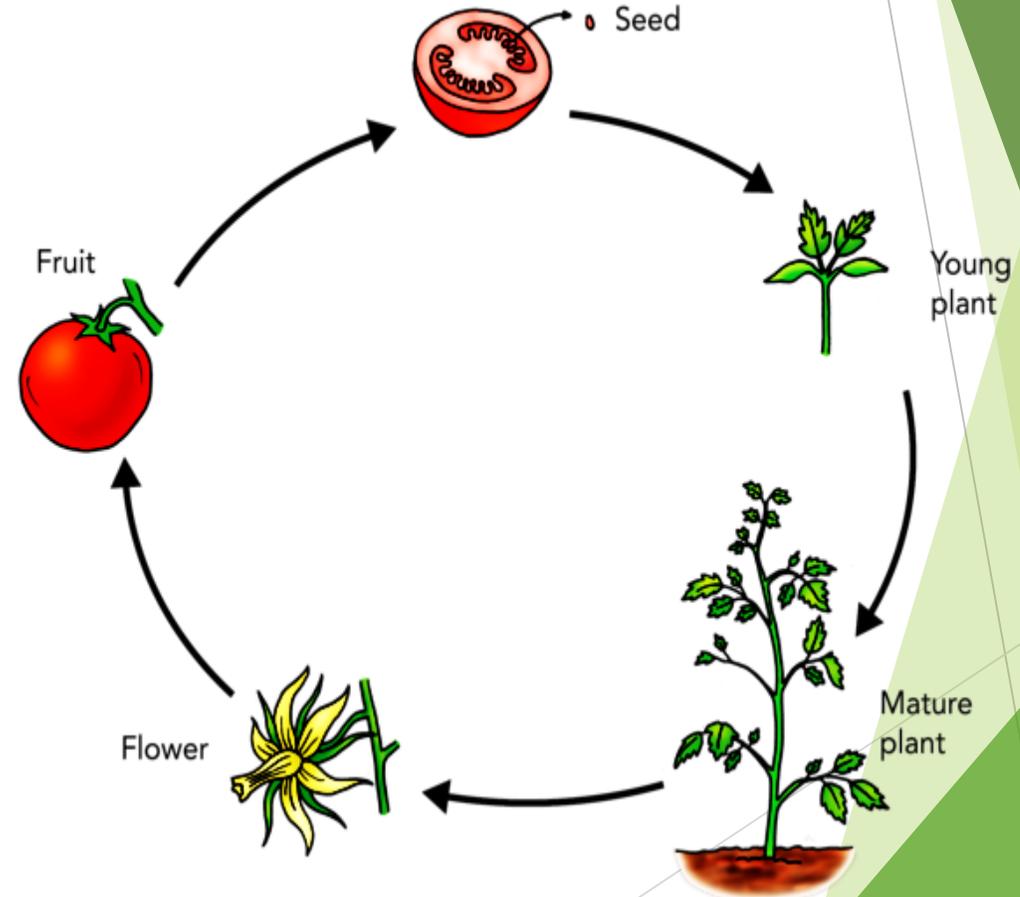
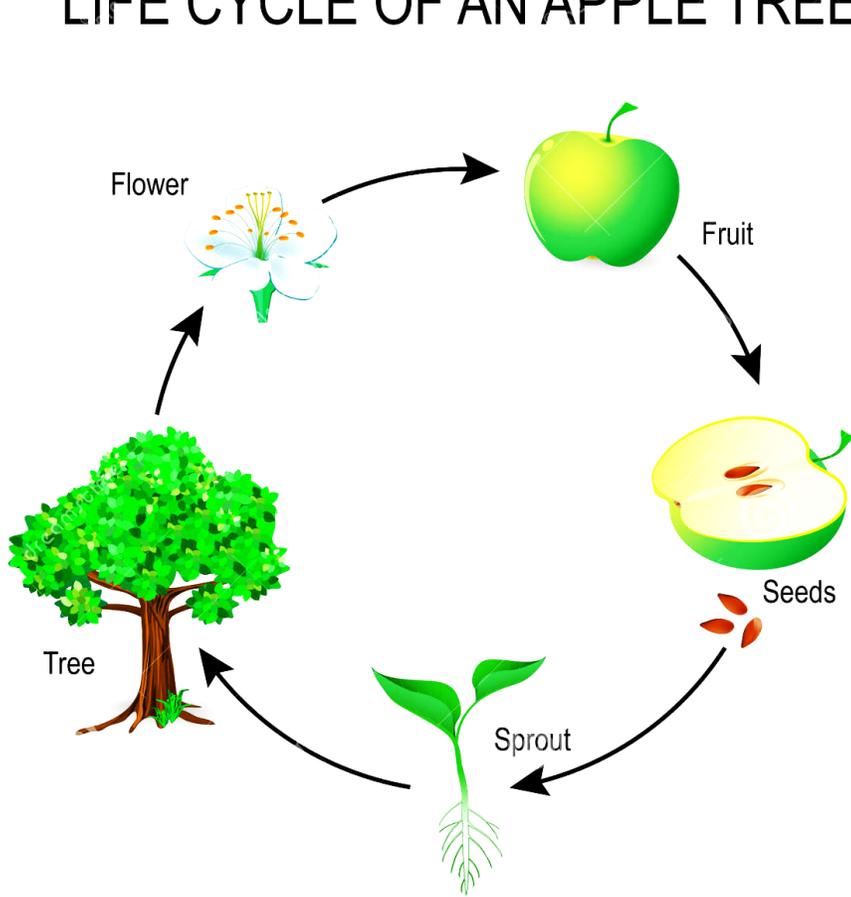
Sometimes we call the seeds: pips (small seeds like an apple) or stones or pits (large seeds like a plum or peach).

Next time you eat a piece of fruit, see if you can find the seeds in it?



Plants have seeds as part of their lifecycle, so that new plants can be produced each year.

LIFE CYCLE OF AN APPLE TREE



Plants have to disperse or spread out their seeds every year so they can grow into strong, healthy new plants.

- ▶ Watch this video to find out the different ways that plants disperse (spread out) their seeds.
- ▶ [BBC Bitesize - Seeds and Seed Dispersal on Vimeo](#)

There are different types of seeds which are dispersed in different ways. *For example, using wind to blow them, floating in water, eaten by animals, hooked onto their fur or pods that explode.*

Hard and woody



Hooked or sticky



Pods



Wings



Soft and fleshy



Your task:

Draw a picture of 5 different seeds you saw in the video (or use those from the last slide) and write down how the seeds were dispersed. The shape of the seeds give you a clue. For example:

Hooked or sticky



Hooked or sticky seeds are dispersed by hooking onto animal fur.



Coconuts are dispersed by floating on water because they are hollow and they float.

Additional seed activities you could do at home!

- ▶ Go on a seed hunt and collect (or photograph) as many seeds as you can on plants and trees in your local park or garden. Can you find out what they are? (identify them). Don't forget to wash your hands afterwards.

- ▶ Grow your own seeds. These cress egg heads are fun!

<https://nurturestore.co.uk/eggheads-with-cress-hair>

- ▶ Make an artwork with seeds (lentils and split peas)

<https://www.theidearoom.net/thanksgiving-entertainment-for-kids/>

