

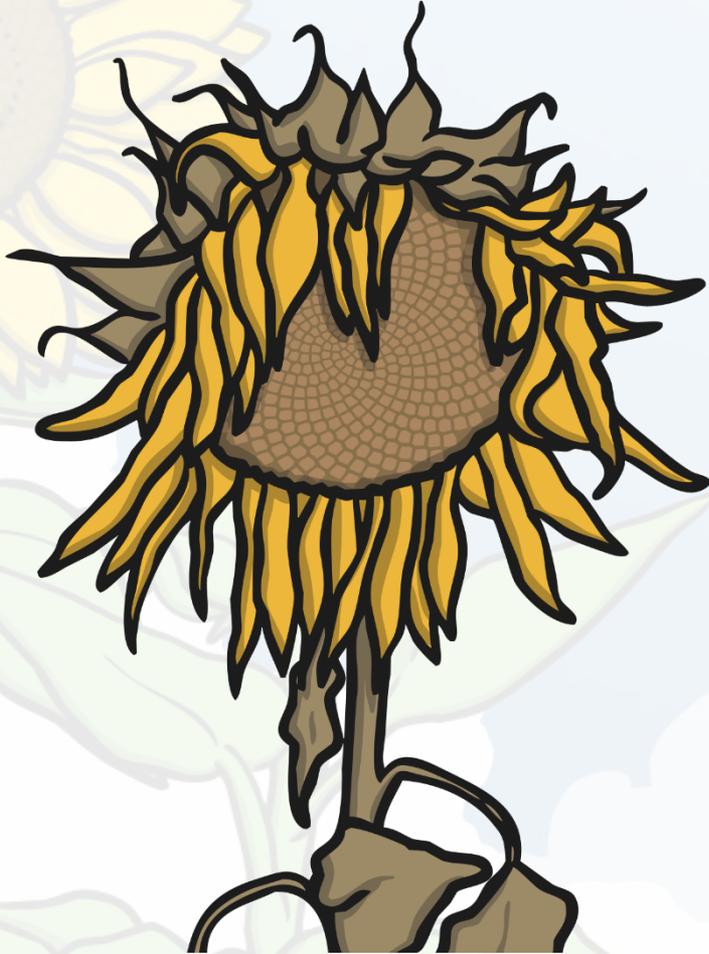


# SEED DISPERSAL

This week you are going to learn what **seed dispersal** means and design some seeds of your own.

SCIENCE  
TERM 5 WEEK 2

# Seed Dispersal



Most plants grow from seeds. The seeds develop inside the flower. Once seeds are fully formed in a flower, the plant needs to **disperse** them.

This means that the plant needs to move or transport the seeds away from the parent plant in some way so that they don't all try to grow in the same place.

There are lots of different ways that seeds can be dispersed.

# Seed Dispersal

Seeds can be dispersed by:



# Website link to 'Discovery Education / Espresso' to view video clip.

- [https://central.espresso.co.uk/espresso/primary\\_uk/home/index.html](https://central.espresso.co.uk/espresso/primary_uk/home/index.html)
- Then use login ( from workspace area of the HJS website - website passwords)
- Then follow the steps, click on - Key Stage 2 –then Science – then Plant life cycles – then videos.

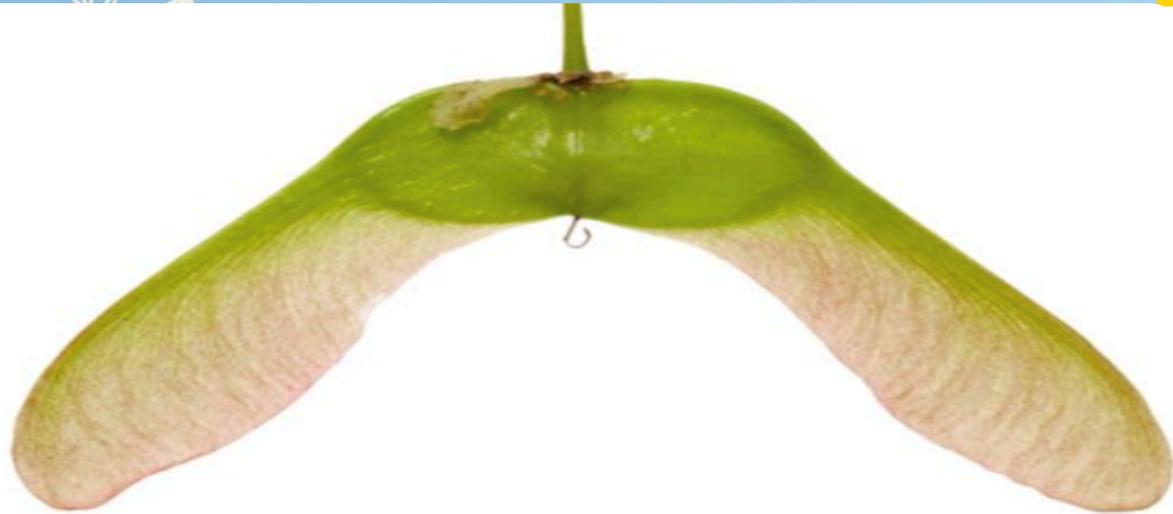
Watch the clip for more information about **seed dispersal**.

A large, vibrant sunflower with a brown center and yellow petals is on the left. Below it is a smaller, green sunflower bud. In the top left, several dandelion seeds are shown floating in the air. On the right, a sunflower head is shown in profile, with a bright yellow sun behind it. The background is a blue sky with white clouds and a dark brown ground line at the bottom.

## ACTIVITY

This week can you design and make your own 'seeds that disperse'. Can you find any in your garden or in other places, when you go out? eg sycamore keys or dandelions (try blowing one and see what happens -look closely at 1 seed)

**Try the 'helicopter' paper design first (on next slide)  
Then design your own.**



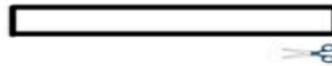
## **Make a spinning seed!**

### **Have you seen one of these before?**

It's a seed from a sycamore tree. Throw them into the air and watch them spin!

You can make your own spinning seed.

1. Cut out a strip of paper.



2. Fold the strip of paper in half.



3. Fold the top piece to the right. Flip the strip of paper over and repeat on the other side



4. Draw a picture on each side of the paper. I drew me with wings! You could draw a bird, an insect or a seed.



5. Attach a paper clip at the bottom end of the spinning seed, where the first fold is - this is where my legs are in the picture. Throw it in the air! Watch what happens to the spinning seed as it flies.

### **What's happening?**

When the spinning seed falls, air pushes upwards against it. Air also pushes sideways on the arms of the spinning seed. The two arms are getting a push in opposite directions, which makes the seed spin.

This helps sycamore seeds to fall far from the tree so they have plenty of space to grow.

**You could also look at how dandelion seeds disperse and try to design one of your own.**



**You could use a piece of blu tac, paperclip or cotton wool for the seed. Maybe use tissue paper, newspaper etc for the other parts**



**Finally try it out. Does it disperse well? Could you improve your design?**

**Can you draw and record what you have done in your book?**

**Email us a picture of your design.**