

## Science Week 2

This week we are investigating the ways seeds disperse. But before that, we need to understand why it is important for plants to be pollinated by bees and other insects.

Check out this comprehensive video, which tells you all about the pollination and dispersal <https://www.youtube.com/watch?v=j-S5ui9Us7U>

So, plants can disperse in many different ways. There is a handy way to remember it:

**B**lowing

**E**ating

**E**xploding

**F**alling

**F**loating

**S**ticking

Your task this week is to sort the seeds into BEEFFS and make your own helicopter seed to test out. When you are sorting, look at the images very carefully. Last week when you explored the seeds, you might have noticed that they are not all the same. What clues can you spot that helps you sort them into right columns. Would they look like animals might eat them? Would they stick to animals and travel with them? Do they look like they might float off in water? Would they explode out of a plant? Would they float off in the wind?

The method for making your own helicopter seed is added here. Once you have made it, then go outside and try it out. Predict how the seeds might move. What is it about the design that makes those seeds really good at moving and wonder about how far a seed like that could actually travel?

And if you want to make a dandelion seed after you have explored these seeds, we have added a tutorial for that as well. Have fun!



dandelion



cherry



sandbur



witch hazel



bulrush



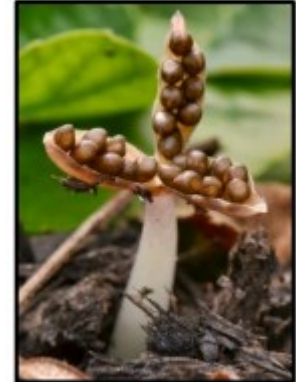
coconut



bean



jewelweed



violet



milkweed



blackberry



maple

Blowing	Eating	Exploding	Falling	Floating	Sticking

Use the clues from the images. Would they look like animals might eat them? Would they stick to animals and travel with them? Do they look like they might float off in water? Would they explode out of a plant? Would they float off in the wind?



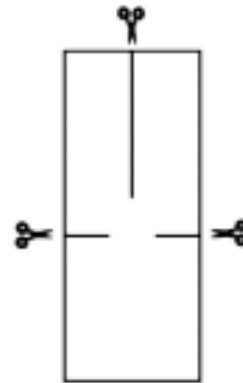
## How to make a helicopter seed (like a sycamore seed)



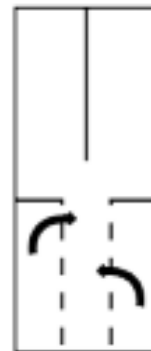
**1. Take a piece of paper like this.**



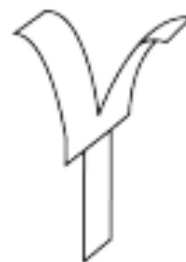
**2. Make three cuts as shown here:**



**3. Fold the paper as shown here:**



**4. Fold the helicopter blades on opposite sides.**





## How to make a dandelion seed 3D clay model



### You will need:

Cotton buds or pipe cleaners  
Modelling putty or foam clay  
Art straws

Roll foam clay into a ball.



Push a pipe cleaner into it. This will be the stem.



Then push cotton buds or pipe cleaners into the ball.



These will be the feathery bits of the dandelion seed. This is not for investigating but to stimulate discussion.

