






SEEDS & FRUITS

SEED DISPERSAL

Plants have many different ways for their seeds to get to a suitable place to germinate and grow successfully. This is called Seed Dispersal.

Method	Scientific Name	Description	Examples
Gravity	Barochory	Many trees distribute their seeds by letting them drop from a great height and hoping they roll or bounce far enough away.	
Wind	Anemochory	Some seeds have developed shapes that mimic wings or parachutes to help the seed float, glide or spin on the wind to new homes.	
Water	Hydrochory	Many seeds have air pockets in their outer skins to enable them to float. Seeds which are tough enough to survive long periods in sea water are called drift seeds.	
Explode	Ballochory	Many seeds use explosive energy to catapult their seeds from the parent plant. The Hura crepitans, is commonly known as the dynamite tree due to the sound of the fruit exploding, it can propel its seeds up to 100 metres away.	
Animals	Zoochory	Some plants have seeds hidden in tempting fruits that birds and animals eat. The seeds can be taken to new locations by the animals, like in the case of squirrels collecting and storing nuts for winter. Some are actually eaten, they have a tough exterior on the seed that survives the digestive track and is excreted in a new location, birds often help in this way because they don't have hands or pockets. Some seeds use hooks or barbs to attach to an animal's fur and fall off later at a different location.	

In the exhibition many of the seeds use wind, or anemochory, as a dispersal method, growing wings or fluffy textures that help them glide, float or spin in air.

Draw a seed in the box below that uses anemochory to disperse?

Draw a line and connect the seed with its correct description of seed dispersal?



Cow's Eyes – Each wing bears one or two seeds.



Burbark – The bristles that cover the surface of its mature fruit catch onto the fur or wool of passing animals, so that the seeds can be transported to germinate far away from the parent plant.



Blister pod – this is a drift fruit. A seed which is designed to drift on sea water for long distance dispersal. The blisters are filled with air and help it float.



Medang Pajal – This a juicy fat seed that attract birds to fly off with them. The fruit has a spiny seed inside which is discarded by the birds when they find them.



Melembu – has elegant wings that glide on wind like a bird.



Coco de Mer – This seed was thought to be dispersed by sea but it has been found that actually as the world's largest fruit and the heaviest seed it lands and grows close to the parent tree. The seed contains everything it needs to establish itself and compete with its parent.

