

LO: To understand the process of seed dispersal

Do seeds always fall and germinate near their parent plant?



I know that ...

This is because ...

Seed dispersal

Plants disperse (spread) their seeds so that they have lots of space to grow away from their parent.



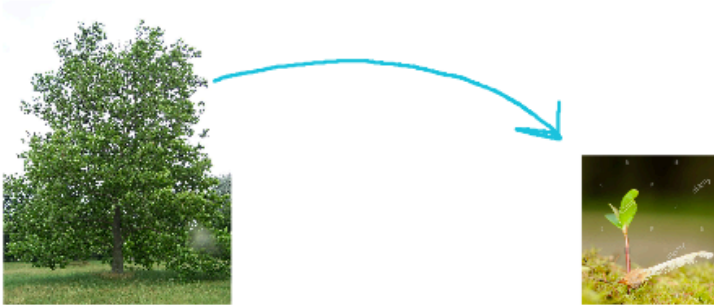
If the seed is further from the parent it won't have to share...

w er

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There are many ways that plants spread their seeds, can you think of any examples?



Wind



Some seeds are dispersed by the wind.

Click on the WIND video link on the webpage and see the seeds fly!



Exploding 

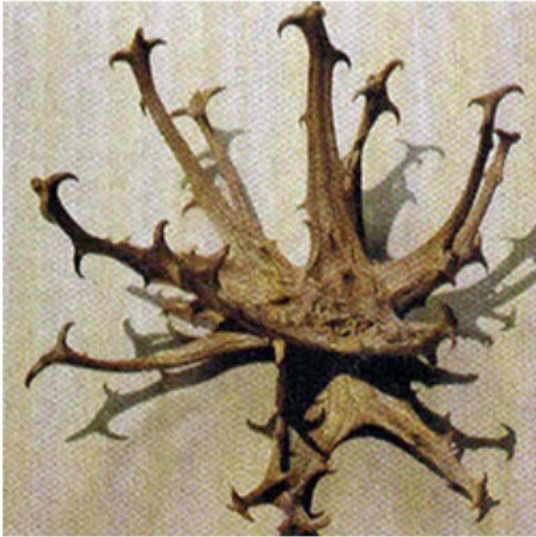


*Some seed pods
EXPLODE!*

Click on the EXPLODING video link and you will be surprised by how explosive plants can be!



Hooks



Hooks and spikes get stuck to passing animals and can be carried for miles.

Some seeds can be dangerous looking and some are great hitch hikers. Click on the HOOKS video link!

Animals

Plants are very clever. They only want the seeds to be picked when they are absolutely ready.



Give three adjectives to describe ripe fruit and three to describe eating unripe fruit.



What do plants do to make sure the fruit is only picked and eaten when the seeds are absolutely ready?



Describe what is happening in this picture?



Your Task!

Thinking about all the ways that plants disperse their seeds, can you design the ultimate seed that will travel the furthest and survive?

Your seed might use more than one means to travel. It might have hooks like a burr and explode when it's ready. Is your seed inside a juicy fruit to be taken by an animal?

Draw your seed and label all of its parts telling me what is useful about each part.

May the strongest seed win!

