



Science Lesson 2 Learning Objective

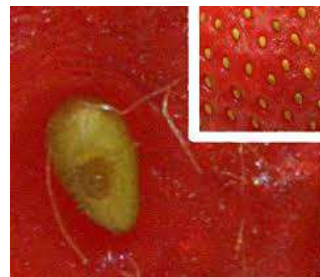
- I can describe how different seeds are dispersed.

Warm up your brain!

Remind yourself about the parts of a plant using the interactive on the web page below or re-read your plant and functions work.

<http://flash.topmarks.co.uk/3334>

In this lesson, we are focussing on the seeds of a plant. Can you name or think of as many seeds as possible that you already know about? (Idea clues below)



It is these seeds that make new plants grow!

The facts you need!

Ask your adult to help you find these and then watch them.

https://www.youtube.com/watch?time_continue=1&v=DL5BVcBxCZs&feature=emb_logo&safe=active

<https://www.bbc.co.uk/bitesize/clips/znvfb9q>





<https://vimeo.com/218127343>



The first video shows different types of seeds and the second two show how seeds are dispersed (spread out) in order to grow new plants.

Your Creative Tasks...

Task 1

A plant makes many seeds. If all the seeds fell to the ground not many would germinate as the area would be over-crowded and there wouldn't be enough water or nutrients for all the seeds. Plants have developed so that seeds can be transported in a number of different ways. Using the picture table below and the information in the film clips, can you describe how the seed might be dispersed (transported) in order to grow another plant? Don't forget to use full sentences and to colour the pictures neatly too!

| Seed | How is it dispersed? |
|--|----------------------|
|  sycamore | |
|  poppy | |
|  burdock | |
|  berries | |

| | |
|---|--|
|  | |
|  | |

Task 2

Why don't you plant some seeds and watch as the plant grows? Notice when the shoot, leaves, stem and flowers appear. Try it with different types of seeds e.g. runner beans (like our magic beans from Jack and the Beanstalk – You can grow these in a glass jar on damp kitchen roll), sunflower seeds or even cress!



If you have an avocado, keep the stone and suspend it above water in a jar using cocktail sticks. Keep topping the water up over a few weeks. Eventually, it will split open and start to grow! (You have to be very patient with this one!)



Task 3

When you go out into the garden or for a walk, take another close look at different types of plants. Notice the seeds that are made and think how they might get dispersed!



Tweet photographs of your finished plant and function pictures. If you can't tweet then send photographs by e-mail!

Our Twitter



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**Happy
Creating!**