



Name Date

Seeds on the Move

What do you think a seedling needs to be healthy and grow into a new plant? Write down some ideas.

.....
.....
.....



To get the things it needs, a seedling must have space to grow away from its parent plant and other seedlings.



Too crowded!



If too many seedlings try to grow in the same spot many of the little plants will die.

Plants have lots of ways to spread their seeds to new growing places so that their seedlings grow well.



Name Date



Dandelion flower

A dandelion's seeds form inside the plant's yellow flowers.

**Look at these dandelion seeds.
How would you describe them?**

.....

.....

.....



How do you think dandelion seeds are spread to new growing places?

.....

.....

.....

Answers: To grow and be healthy a seedling needs soil and sunlight. It also needs water and nutrients, which it takes in from the soil through its roots. A dandelion seed is blown to a new growing place by the wind. It has a tiny fluffy parachute to help it catch the wind and float away from its parent plant.



Name Date

Let's Design a Seed

What shape of seed do you think will float best in the wind?

Gather your equipment:



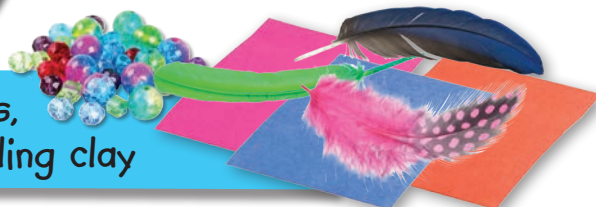
Tape
measure



Scissors



Craft materials such as beads,
feathers, paper, string, modelling clay



1. Write down your ideas and draw your seed design.

.....

.....

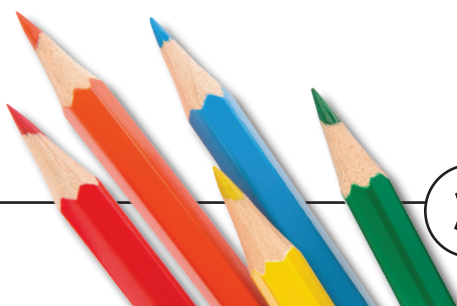
.....

.....

.....

.....

.....





Name Date

2. Use the materials to make your design.

3. Now test how far your seed will float. Choose a spot to stand. Place your seed on the palm of your hand. Blow hard on the seed – just like the wind blows a seed from its parent plant.

How far did the seed travel? Measure the distance and record your result.

What changes could you make to your seed design to help it travel further?

.....

.....

4. Make your new seed design and test it!

Which of these seeds do you think is spread by the wind? Why?



Sycamore seed



Pea plant seeds



Horse chestnut tree seeds

Answer: Sycamore tree seeds are spread to new growing places by the wind. The longer a seed is up in the air, the farther it can travel. Sycamore seeds have wings like helicopter blades. The wings help the seeds whirl and spin through the air.