

Investigating Seeds

NAME: _____

Seeds carry the beginning of plants inside of them. They are dispersed by wind, water, exploding, gravity, attaching to or getting digested by an animal. They can also be cultivated by humans!



Name of item: _____

Is it a fruit or a vegetable? _____

Estimate the number of seeds: _____

Where are the seeds located? _____

How do you think the seeds get dispersed? _____

PROPERTIES

DRAW



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FACT: Seeds are attached to plants because they need water and nutrients / minerals (from soil) to develop.

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Seed Investigation **DAY 2**

NAME: _____

Write the item's name and the average amount of seeds it contains. Next to your number, write how the seeds actually get dispersed.

1.

2.

3.

4.

5.

6.

Are all the seeds you investigated the same size? Circle: **YES** or **NO**

Circle the name of the item (on the list you created above) that had the **most seeds**. Draw a **box** around the item that had the **least seeds**.

MEASURE! What is the difference in size between the largest seed and the smallest seed?

LARGEST SEED = _____ SMALLEST SEED = _____ DIFFERENCE = _____

Seed Dispersal



GRAVITY



ANIMALS: DIGESTION



ANIMALS: ATTACHMENT



WATER



FORCE: EXPLODING / BURSTING



WIND



CULTIVATION (PLANTING)

Dear Students,

My name is Farmer Joe. I have been having lots of trouble with weeds in my garden. I just don't know how they took over my vegetable garden! Plants cannot move! Can you explain how weed seeds might have traveled into my garden? I definitely did not plant them!

Sincerely,

Farmer Joe



Draw the 7 ways seeds get dispersed in each box. Then, write the seed dispersal type (you drew) vertically under each box. Afterwards, write the name of the weed under the box if you think it could have traveled into Farmer Joe's garden by that form of seed dispersal.

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EXAMPLE:
Cultivated by people