Planting
1st grade

<http://www.saps.org.uk/primary/teaching-resources/639-growing-seeds-in-a-plastic-bag>



Materials:

- Seeds

- Water

- Pre-stapled sandwich bags

- Tape

Procedure:

* Students will be divided into smaller groups. Each group will have 1 sandwich bag. The students can write their names on the bag, and the type of seeds they will be planting.
* Students will add water to the sandwich bag. Add enough water to the bag so that the paper towel soaks up the water and there is a small 2 – 3 cm reservoir of water at the bottom.
* Students will add the seeds to the bag above the stapled line.
* Seal up the bag tight so that there is little to no air in the bag.
* Teachers can decide where to put the seed bags (can be taped to a window or a wall)
* Volunteers will have a discussion with the students about the different parts of a plant.
* Within a few days, the students will be able to see the plants germinate and grow.

Basic Parts of a plant to discuss with the kids- drawing a diagram on the board

Flower- produces seeds

Fruit- protects the seed and helps move the seed dispersion

Leaf - uses the sunlights and other chemicals to make food/energy for itself. Gives off water and oxygen

Stem- supports the leaves and moves water and other nutrients

Roots- supports plant and takes in water and nutrients

Let the kids cut out the words at the bottom of the page and glue them in the correct column

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| Plant Parts | Plant Needs |

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| seeds | sunlight | leaves | water |
| fruit | flower | air | soil |
|  | stem | roots |  |