

Window Greenhouse

You have everything you need at home in order to make your own greenhouse! Look around your pantry, spice rack or garage ... do you see dried beans or seeds?

In this experiment, we'll create our own greenhouse using just a few simple materials:

1 zipper storage bag

Paper towel

Container of water

Seeds you find at home



**We found wheat grass, kidney beans,
lima beans, fescue grass and sunflowers!**

First, let's review that plants need to grow:

Water: Plants need water to carry nutrients from the soil to the leaves.

Sunlight: Plants use sunlight for energy.

Air: Plants take the carbon dioxide that we breathe out and create the oxygen that we breathe in.

Soil: Most plants need soil to provide nutrients.

Space to grow: Plants need space to grow in order to be able to get enough sunlight, water, air, and nutrients from the soil.

Now, on to the experiment!

Procedure:

1. Firstly, gather your supplies.



Container of water, paper towel and zipper bag Assorted seeds from around the house

2. Soak a piece of paper towel and squeeze out the excess water.



3. Place a few seeds in the towel about an inch from the bottom of the bag. You can mix different seeds or try a small amount of the same type of seed.



4. Zip the bag closed and label your seeds if you would like to.
5. Tape the bag in a sunny window and wait for it to grow.



6. Record your observations in a notebook or on your phone. You could even take a photo each day to compare.

What can you do now?

Make a growth chart.

Study the parts of a plant and label them on the bag.

Try transplanting your seedlings into soil.

Compare growth in soil vs. in the bag.

Compare growing the same seeds in different windows.