

# Epic Experiment

## Can You Grow Plants Out of Thin Air?

Do you know how plants get their food? Many think that plants get their food from soil and not from photosynthesis. If you thought that too, this is the ecochallenge for you!

### TO GET:

UNUSED KITCHEN  
SPONGE  
LARGE BOWL  
WATER  
PLATE  
POPSICLE OR CRAFT  
STICKS  
STICKY NOTES  
PACKAGING TAPE  
MARKER  
SCISSORS  
SEEDS\*

*\* look for fastergrowing  
seeds of vegetables or  
annuals like cosmos,  
nasturtiums, sweet peas,  
green beans, cucumbers  
or radishes.*

### TO DO:

1. Fill the bowl with water and soak the sponge for a few minutes. Squeeze the sponge so that it's moist but not dripping wet.
2. Put the sponge on a plate and evenly place a handful of seeds into the holes of the sponge.
3. Place your plate on a sunny windowsill, countertop or table near a window and check progress daily.
5. Keep the sponge moist by adding water to the base of the sponge, one tablespoon at a time.
6. After your seedlings start growing leaves and roots, you can permanently replant your seedlings in a garden or flowerpot with soil.

### TO KNOW:

Green plants need only sunlight, water, and carbon dioxide (from the air) to make their own food (plant sugar).

Blue Sky  
**epic**

ON BLU-RAY & DVD 8/20



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