

Can You Say

Hydroponics?

Growing plants without soil in the home.



Hydroponics:

The process of growing plants without soil.

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Global Challenge:

Could we grow food
in areas of poor soil
or drought?

Observe:

Scientists use their senses to record changes.
(observations)

Experiment:

A test to find something out about a question we have.

Hypothesis:

An idea you have
about how
something works
which you can test.

The Question:

Can you grow
plants in your
home without
using soil?

Our Hypothesis:

Our Process for Corn:

Step 1: Peel away the husk, and corn silk from the ear of corn.

Step 2: Place corn in container and add water to cover the corn half way.

Step 3: Observe the changes in the corn, making sure to keep the water level filled to half way.



Our Process for Celery:

Step 1: Cut off the celery sticks.

Step 2: Place celery base in container and add water to cover the celery half way.

Step 3: Observe the changes in the celery, making sure to keep the water level filled to half way.



Our Process for Sweet Potatoes:

Step 1: Stick bamboo skewers around the middle of the sweet potato.

Step 2: Balance the sweet potato over a container and fill the container with water.

Step 3: Observe the changes in the sweet potato, making sure to keep the water level filled.



Results:

Email us photos of your results? Which plants were successful? Do you think there are other foods in your kitchen you could grow inside?