



STARBASE Challenge: Start a Scrap Garden

Fresh fruits and veggies are delicious but there are some parts of these foods we don't eat. Did you know there are ways to grow plants that don't require seeds? Take a look at the list below and choose at least one type of plant from each category. Then you can use scraps from your own home to grow a new plant. Keep a notebook or journal as they grow where you can take notes on how the different plants grow. Once your plants are ready, see if you can transplant some of them outside!

Leafy plants:

Romaine Lettuce

Cabbage

Celery

Bulb plants:

Onion

Garlic

Root plants:

Turnips

Carrots

Beets

1. Check out the resources below to find out how to grow your new plants. You will definitely need a container for each plant and soil (for some at the beginning and all if you plan to bring them outside).

<https://foodrevolution.org/blog/reduce-food-waste-regrow-from-scraps/>

<https://www.gardentech.com/blog/gardening-and-healthy-living/growing-food-from-kitchen-scraps>

<https://sustainability.temple.edu/resources/green-tips/growing-food-kitchen-scraps>

<https://kidsgardening.org/garden-activities-kitchen-scrap-gardening/>

2. Follow the recommended instructions to set up and care for your plants.
3. Each week draw and label a picture of your plant to show how it changes over time. Write down as many observations as you can. As time passes, answer the following questions:

Week 1:	Why do you think different plants have different instructions for care?
Week 2:	Which part(s) of each plant grow the fastest? Why do you think so?
Week 3:	Do all the plants grow at the same rate? Why or why not?
Week 4:	Which plant type did you find easiest to care for? Which is most challenging? Why do you think so?