

Handout H

Classroom Garden¹

Grades K-4

Objectives

Learners will understand that some foods are sustainable and can be regrown from scraps, then used in a meal.

Materials Needed

lettuce leaves, pineapple top, celery bottom, potato peelings with eyes, several small planters, several bowls with water, mister

Procedure

1. Ask students where vegetables come from.
2. Ask students if they know how to grow a plant like lettuce or potatoes.
3. Discuss how each of these plants grow over time.
4. Explain to students that some plants can be grown from other pieces of the same type of plant that we typically throw away, such as the bottom of a celery stalk or the peeling on a potato.
5. Show students the plant pieces that will be planted and a whole plant if available. Ask students if they think new plants will grow from the clippings. Have students guess how long it will take to grow each new plant.
6. Allow students to plant each new plant. Also allow students to care for and monitor the plants daily.
7. As plants reach maturity, prepare a snack using what was grown for students to try.

Assessment

¹ Adapted from Willis, A. (n.d.) Classroom Garden From Trash, Lesson Plans, Teacher.org, <https://www.teacher.org/lesson-plan/classroom-garden-from-trash/>