

**Subject:** Science

**Date:** October 30, 2009

**Grade:** 1st

**Objective:** Students will identify edible plant parts: seed, root, stem, leaf, fruit.  
Students will identify types of plants that are edible.

**Related SOL's:**

1.4 The student will investigate and understand that plants have life needs and functional parts and can be classified according to certain characteristics. Key concepts include

- b) parts (seeds, roots, stems, leaves, blossoms, fruits); and
- c) characteristics (edible/nonedible, flowering/nonflowering, evergreen/deciduous).

**Materials:** pocket chart, plant part and food sentence strips, paper plates, napkins, hand sanitizer, plant part labels, pumpkin seeds, carrots, celery, lettuce, apples, trashcan

**Prerequisite knowledge:** basic knowledge of plants

**Procedures:**

- 1) The teacher will give an overview of the lesson.
- 2) Students will be given either a plant part or a food that is a plant part on a sentence strip.
- 3) The teacher will lead a discussion on edible plant parts and have students identify edible plant parts.
- 4) Students will place his/her edible plant under the correct part on the pocket chart.
- 5) The teacher will introduce the students to the foods they will be identifying and taste testing. The teacher will remind students that if they do not like a certain food or do not want to try a certain food that it is okay to just leave it on the plate.
- 6) The students will go back to his/her seat to label the food: seed – pumpkin seed, root – carrot, stem – celery, leaf- lettuce, fruit – apple.
- 7) The teacher will monitor student performance and have each student identify orally the edible plant part.
- 8) Students will be able to dispose of his/her plate of food however they wish!
- 9) The teacher will close the lesson by having students share his/her favorite plant part to eat from the activity.

**Differentiation:** Students will be aided in reading the names of the plant parts as necessary.

seed

seed

seed

root

root

root

stem

stem

stem

leaf

leaf

leaf

fruit

fruit

fruit