



## Green Our Planet's School Garden Curriculum

### Title: **Plant Parts**

**Topic:** Explore the Parts of a Plant with Farmer Joe

**Link:** <https://www.youtube.com/watch?v=0KvwrkXNQgE&feature=youtu.be>

**Grade Level:** 1

**Standards:** 1-LS-1 (at 0 :43)

**Objectives:** (at 1:07)

- Identify external parts of a plant
- Understand the function of plant parts

**Segments:** • Teacher segment: (0 :27-1:17)

• Student segment: (1:18 – 18:05)

• Quiz: (18:23 – 20:32)

#### Concepts and/or Topics Covered & Vocabulary Notes:

- Plant parts: root/stem/leaf/flower/fruit
- Functions of each part discussed and reviewed
- Vocabulary section at end (20:33)

<i>root</i>	<i>flower</i>	<i>stem</i>	<i>hypothesis</i>
<i>leaf</i>	<i>seed</i>	<i>fruit</i>	

- Possible additional vocabulary: *nutrients*

#### Methodology:

- Includes some reading and writing.
- Some nice visuals/graphics
- Students asked to draw plant parts along with Farmer Joe
- Quiz at end includes open-ended questions, multiple choice, and true/false

#### Possible Supplemental / Follow-up Activities:

1. Homework suggested in video (at 17:36): walk around your neighborhood, find plants and identify parts
2. What parts of plants do we eat? Have students draw vegetables/fruit and discuss which parts are eaten OR  
Draw a box for each plant part and draw a picture or write name of food in each box.

Sample Answers: Roots: carrots, potatoes, sweet potatoes, beets, radishes, turnips, Stems: celery, asparagus, Leaves: lettuce, kale, cabbage, bok choy, Flowers: broccoli, cauliflower, Fruit: tomatoes, eggplant, watermelon, squash, peppers, cucumbers, Seeds: corn, beans, peas