



# ROOTS, STEMS, LEAVES: LESSON 2

## PERFECT FIT CLUB

Teacher

**SUBJECTS:** English Language Arts, Math, Science

**SKILLS:** Measuring

### MATERIALS

- Computer/tablet/phone
- FLIPGRID Challenge: The Perfect Fit Tree Club
- Perfect Fit Club Student Sheet: Pages 1-2 of Discovery Journal

## COMMON CORE STATE STANDARDS (CCSS)

### ENGLISH LANGUAGE ARTS

- 2.SL.6** Produce complete sentences when appropriate to task and situation in order to provide requested detail or clarification.
- 3.SL.6** Speak in complete sentences when appropriate to task and situation in order to provide requested detail or clarification.

### MATHEMATICS

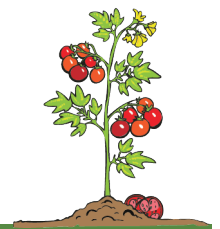
- 2.MD.1** Measure the length of an object by selecting and using appropriate tools such as rulers, yardsticks, meter sticks and measuring tapes.

### SCIENCE (OHIO LEARNING STANDARDS)

- 3.LS.3** Plants and animals have life cycles that are part of their adaptations for survival in their natural environments.

### ESSENTIAL QUESTIONS

1. How can I express my ideas clearly?
2. How do we measure length?
3. How do we know when it is appropriate to estimate or when to measure using appropriate tools?



### I CAN STATEMENTS (LEARNING OBJECTIVES)

1. I can express my ideas clearly to the listener or reader.
2. I can estimate the lengths of objects.
3. I can use different tools to measure objects.

### LINKS

- **Slug Science Journey Homepage** <https://www.miamicountyparks.com/node/1257>
- **Roots, Stems, Leaves Video** <https://vimeo.com/videobranch/review/415273115/2e49421561>

### ACTIVITY

Students are challenged to go outside and to locate a tree. Just like Plant Man, the student needs to find a tree that perfectly fits them to hug! Once they find the “perfect fit” the student needs to measure the circumference of the tree, then measure their own extended arm length and compare their measurements. They will record their results using the **FLIPGRID Challenge: The Perfect Fit Tree Club**.

### EVIDENCE OF ACTIVITY

Students will complete the Perfect Fit Club student sheet on pages 1-2 of the Discovery Journal, and the **FLIPGRID Challenge: The Perfect Fit Tree Club**.