

III. ROOT Cross- Section Drawing:

Follow in-class directions for a scientific drawing of your carrot cross-section (slice).

- a) Label XYLEM, PHLOEM, CORTEX, and EPIDERMIS.
- b) Use a >-- label to show XYLEM and PHLOEM make the VASCULAR CYLINDER.
- c) Label the line between the XYLEM and PHLOEM as CAMBIUM.
- d) Add a short function for each part. (XYLEM- tubes that carry water up.)
- e) Estimate your drawing size: ____X

Have Checked: 5 points

Plants: Root Lab	Name	Peiod
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IV. ROOT Lengthwise Section Drawing:

Do a <u>scientific drawing</u> of your lengthwise section of carrot ROOT below.

- a) Use the labels from the cross-section on page 1, including FUNCTIONS.
- b) Estimate your drawing size. ____X



Have Checked: 5 points

V. VASCULAR CYLINDER and SECONDARY ROOTS:

 a) Remove the VASCULAR CYLINDER from your lengthwise section.
 Sometimes it helps to twist it to loosen it.
 b) Show the SECONDARY ROOTS to your teacher.

Have Checked: 5 points That's all Folks! For now......