



Pre K-2<sup>nd</sup> Grade  
Science  
**“Planting Rabbit King’s Carrot”**  
By: Kaitlin O’Melveny

During the story, One Eye Blue teaches a very important lesson to the Pirate and his Parrot: “You don’t have to steal what you can easily grow.” Help your students learn the importance of gardening our own food while teaching them more about plants!

**OBJECTIVES:**

Students will plant carrot seeds to take home, while identifying the core structure of the plant.

**CA STANDARDS:**

- **K-** Reading Comprehension 2.0, Reading Comprehension 2.3, Listening and Speaking 1.1. Life Sciences 2c.
- **1<sup>st</sup>**- Reading Comprehension 2.0, Reading Comprehension 2.3, Listening and Speaking 1.0, Life Sciences 2b, Life Sciences 2e.
- **2<sup>nd</sup>**- Reading Comprehension 2.0, Listening and Speaking Strategies 1.4, Life Sciences 2e, Life Sciences 2f.

**CA DRDP INDICATORS:**

**Preschool-**29.LIT.2 Interest in Literacy, 39SH.4 Understanding a Healthy Lifestyle

**School Age-** 11.HLTH2 Understanding a healthy lifestyle

**MATERIALS:**

- *The Pirate’s Parrot Stole the King’s Carrot*, by Duke Christoffersen, available at [www.brainfoodgarden.com](http://www.brainfoodgarden.com)
- One raw carrot with stem
- Plastic cups (1 per child)
- Potting soil
- Carrot seed packets
- Plant handout (for older grades, see attachment)

## PROCEDURE:

- After reading *The Pirate's Parrot Stole the King's Carrot*, ask students what they learned in the story. Focus on the lesson that the pirate didn't have to steal the carrot; he could have grown it himself! **1 min.**
- Begin an age appropriate discussion about the attributes of a carrot. **5-10 min.**
  - \*For younger students, have them identify what kind of plant it is (vegetable, root vegetable), and identify major parts of the plant (stem, leaves, roots). Show them that the edible part of the carrot is the root and that it grows underneath the ground.
  - \*For older students, extend by asking what the carrot needs to grow (soil, water, and sunlight), what the parts of the plant do to help it grow, etc.
- This lesson is best executed outside. Either in the grass or on a mat, allow students to put two handfuls of potting soil in their plastic cups (Make sure each cup is labeled with the students' names). **5 min.**
- Give each student a pinch of carrot seeds and allow them to plant the seeds in their cups of soil. Make sure seeds are planted shallowly. **1 min.**
- Let students water their carrot seeds for the first time, and remind them to water regularly at home. **5 min.**

## ASSESSMENT:

Observe students' oral responses during the discussion. Revisit some of these topics in another discussion to reinforce information learned. 5-10 min.

## EXTENSIONS:

- For older students, after completing the lesson, they can independently complete the plant handout, and assessments can be made from how successfully students labeled the parts of the plant.
- Buy a planter box and begin your own vegetable garden at school! Allow students to pick the vegetables to be planted, and let them make their own veggie labels in the garden!

## ADAPTATIONS:

**For ELL:** When having the plant discussion, draw a picture of the plant to use as a visual aide. You can label it if you choose. Also, during the discussion, you can pass around the raw carrot, so students can see and feel each part of the plant.

**For Special Needs Students:** Assist students by gathering their soil or putting their carrot in their cup with them. You may also use drawing a picture as a visual aide for students with special needs.

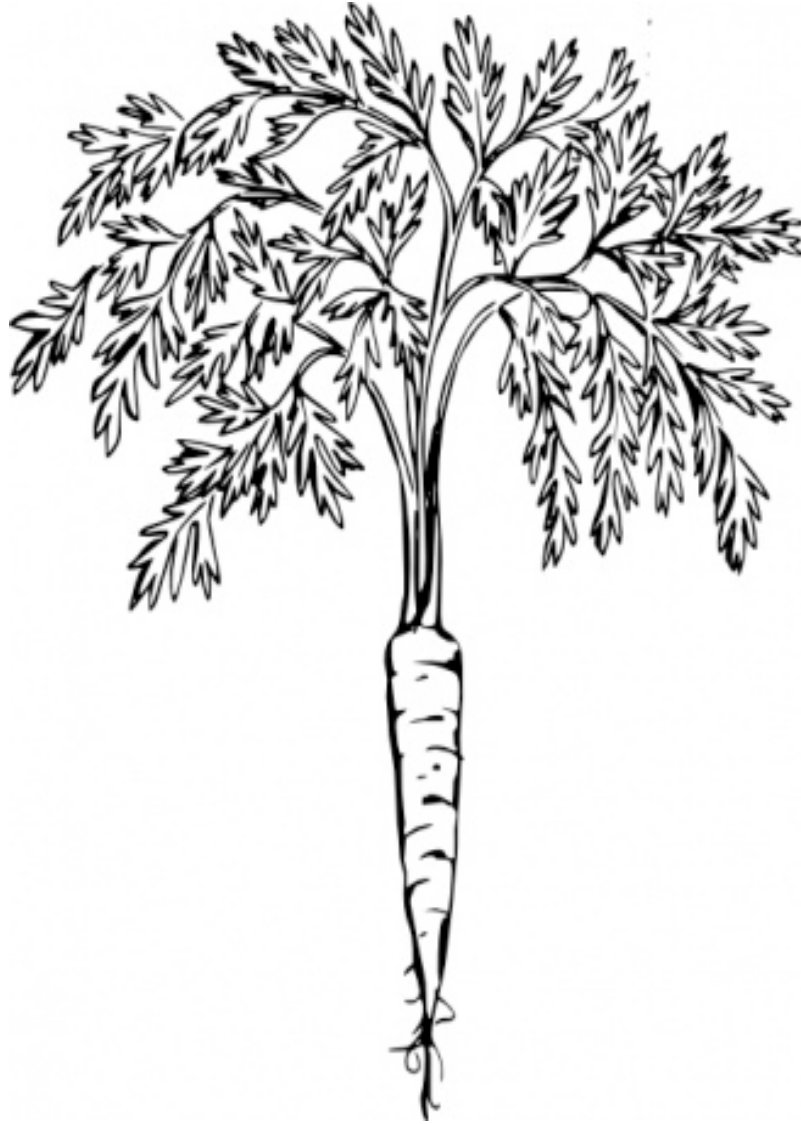
Label and describe the parts of the carrot!

Name: \_\_\_\_\_

1. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



2. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. \_\_\_\_\_

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