


Kindergarten	SCIENCE	30 minutes
Teacher:	The Characteristics of Carrots 	CHEP Good Food Inc. The Big Crunch Resources
<p><i>Context: The Big Crunch is coming this October - the goals of the program are to engage students in discussions about healthy eating; to explore the journey of food from farm to table; to learn about local agriculture; and to encourage kids to connect with their food! This lesson is designed to allow teachers to build on the Big Crunch carrot theme in their classrooms while meeting SK curriculum outcomes. It uses carrots as a foundation to help students learn to make observations using their five senses.</i></p>		
<p>Outcomes & Indicators:</p> <p>Life Science: Living Things in Our Environment LTK.1 Examine observable characteristics of plants, animals, and people in their local environment. [CP, SI]</p> <p>Indicators:</p> <ul style="list-style-type: none"> • Pose questions about observable characteristics of plants and animals. • Record with assistance, observable characteristics of plants, animals, and people found at school, home, or in the community, using terminology and language that others understand. • Select and safely use appropriate tools such as a hand lens (i.e., magnifying glass) and digital camera to observe plants and animals in the local environment. • Identify similarities and differences in observable characteristics among different plants, among different animals, and among different people. <p>Go even further with these extensions:</p> <ol style="list-style-type: none"> 1. LTK.1 - Invite an Elder or a local farmer to your classroom to talk about their garden and gardening practices. (Indicator: Seek out information about the observable characteristics of plants, animals, and people from a variety of sources, such as family members, friends, Elders, knowledge keepers, and scientists. 2. LTK.1 - As a class, write a short silly play about a carrot to share at The Big Crunch Assembly on World Food Day (Indicator: Create visual, dramatic, and/or multimedia representations of the characteristics of a student-selected plant or animal to share with classmates and others) 		<p>Materials Needed:</p> <p>2-3 Different varieties of carrots (aim for different colours and sizes, include some that still have greens), Wash and cut some up for taste testing - consider cooking some and leaving some raw</p> <p>Chart paper and markers</p>
<p>Learning Activity:</p> <ol style="list-style-type: none"> 1. Introduce the topic to the class, “The Big Crunch is coming soon, so today, we will be studying carrots!” 2. As a class, start a short KWL brainstorm on your chart paper – what do we know about carrots? What does a carrot look like? Where do carrots grow? What do we want to know/what questions could we ask about carrots? <i>(As an extension, watch the video of carrots being harvested at the Milden Hudderite Colony - link available at chep.org)</i> 3. Working all together, or in small groups, show students several varieties of carrots. Give students time to examine the carrots. What colours are there? How do they vary in size? Use magnifying glasses to investigate the “hairs” on the carrots and the lines and “wrinkles.” Examine the carrot tops – what do the greens feel like, look like, taste like? Offer some samples of carrots cut into pieces. Have students taste the carrots and observe how they taste and how they crunch. 4. On the chart paper, create a master list of everything the students can observe about carrots. Discuss similarities and differences between the different varieties. 		

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| <ol style="list-style-type: none">5. Complete the LEARNED section of your KWL chart.6. Wrap-up: Have each student draw a picture of themselves eating a carrot | |
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