

# Understanding Key Details

## Gardeners Get Purple Tomatoes

In this lesson, students will discover how tomato seeds, genetically modified to include anthocyanin, a pigment found in purple foods, are now available to purchase for home gardeners.

Grades: K-2		Subject(s): ELA & Science
Focus Standard(s)	RI.1: Ask and answer questions about key details in a text. 1-LS1-1 Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs. K-2-ETS1-1 Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool.	
Learning Objective(s)	Students will be able to answer questions using information gained from reading the text.	
Materials/Resources	<a href="#">Gardeners Get Purple Tomatoes</a>	
Vocabulary	Nutrients: building blocks that plants and animals need to live and grow; genes: tiny units that tell bodies how to look and act; pigment: natural coloring in animals and plants; modification: the act of changing or altering something	
Anticipatory Set	Ask students, "What colors are grapes?" [red, green, purple] "What colors can peppers be?" [red, yellow, orange, green] Then ask students, "What color are tomatoes?" (Most students, if not all will say red, a few may say green.) Ask students, "What about purple tomatoes? Can tomatoes be purple?"	
Mini-Lesson	<ol style="list-style-type: none"><li>1. Pre-teach vocabulary words to students by saying the word aloud and reading the student friendly definition. Then ask students to use the word in a different context or in their own sentence.</li><li>2. Tell students that today they are going to be reading about purple tomatoes. (Students may be skeptical, but it's important to remind them that news articles share real facts and not made-up stories.)</li></ol>	
Guided Practice	Have students read the article with a partner or independently. Monitor the class and support as needed.	
Independent Practice	After reading the article, have students look at the images in the Slide Show and read the captions. Then have students complete the accompanying quiz found under the Questions button in the engagement toolbar. (Alternatively, quiz questions can be printed, found within the Student Activities.)	
Closure/Assessment	Check for student understanding of the key details within the article by assessing their answers on the quiz questions.	
Differentiation	Adjust lexile® levels as needed; answer questions as a whole group; use accessibility features or Read to Me feature as needed; print copies of article	