



EPISODE 02 | ORANGE YOU CURIOUS

Leo discovers the next stop on his food quest: Old Grove Orange in Redlands! Farmer Bob and his friends show Leo where his orange came from • Episode length: 16 minutes • Extension: 10–20 minutes

THE BIG IDEA

The food on our school trays has a story. Farmers, plants, animals, natural resources and many other people and systems work together to grow our food and get it to us.

LEARNING TARGETS

Students will be able to: (1) describe how citrus grows, (2) identify ways farmers care for soil, water and plants, (3) sequence an orange's journey from grove to school, and (4) identify nutritional benefits of eating fruits such as citrus.

QUEST VOCABULARY

Citrus • Grove • Pollination • Sustainable • Harvest • Local Food

BEFORE YOU WATCH | 2 MINUTES

Hold up an orange or show students a picture.

Ask: **How many people, places and steps do you think it took to get this orange from a tree to you?**

Write down students' predictions. Revisit their answers after the episode.

WATCH EPISODE 2: ORANGE YOU CURIOUS | 16 MINUTES

DISCUSS & DISCOVER | 5-10 MINUTES

- What does an orange need to grow?
- How can animals such as sheep or chickens help on a farm?
- What are some ways farmers can take care of the land and water?
- What happens to an orange between the time it is picked and the time you find it on a school lunch tray?

TAKE THE QUEST FURTHER

MATERIALS & SETUP

Paper folded to divide it into six sections or six cards per student, pencils, colored markers. Write these words on the board: PACK, EAT, GROW, SORT, HARVEST, TRANSPORT.

HANDS-ON ACTIVITY | 10-15 MINUTES

Invite students to map an orange's journey from the grove to their plate.

Give students six cards or have them draw six boxes on a piece of paper. Have students put the steps in order and draw what happens during each one.

GROW → HARVEST → SORT → PACK → TRANSPORT → EAT

Ask: **Who helps at each stop along the journey?**

Add farmers, farm workers, drivers, food service staff and others to the map.

EXTEND THE LEARNING

Make It a Science Investigation

Cut open an orange and investigate it using the senses.

What do you see, smell, feel and taste?

Count the sections. Look for seeds. Examine the peel.

TAKE-HOME EXPLORER MISSION

🕒 Add One More Color!

Add one more fruit or vegetable to your day this week.

It might be orange slices at lunch, berries at breakfast, carrots for a snack or broccoli with dinner.

How many different colors can you try?



KEEP EXPLORING

TRUSTED RESOURCES

Inspire curiosity, engage minds, and foster a genuine connection to where food comes from and how it impacts ourselves and communities.

RESOURCE	WEBSITE
California Foundation for Agriculture in the Classroom – Farm to School Resources (Citrus)	https://learnaboutag.org/farmtoschool/
California Foundation for Agriculture in the Classroom – Taste and Teach	Taste & Teach California Foundation for Agriculture in the Classroom
California Grows...	https://cdn.agclassroom.org/ca/resources/learn/map.pdf
Dairy Council of California – Explore Nutrition	Explore Nutrition Unit
Dairy Council of California – Let's Eat Healthy Together Video Series	Let's Eat Healthy Together
Dairy Council of California – Education Professionals Nutrition Science Resources	Education Professionals

