

Lesson 5: Onions from the Ground Up



Lesson Highlights

Objective

Student will:

- Make onion fact-based mathematical predictions.
- Complete an onion-themed KWL chart.
- Construct knowledge of onion production process.
- Create a United States onion production map.
- Complete a bar graph to compare onion production.

Curriculum Connections:

- Science/Botany
- Geography
- Social Studies
- Mathematics

Student Skills Developed:

- Science Skills-onion production
- Geography Skills-map
- Social Studies Skills-agricultural distribution
- Mathematic Skills- creating and interpreting bar graphs

Materials Needed:

- *Do You Know about Onions* worksheet.
- KWL chart
- *Onions from the Ground Up* PowerPoint
- United States Map Outline
- Onion Distribution Fact Sheet

Getting Started:

Have students complete the *Do You Know About Onions?* worksheet.

Have students share their answers with a partner. Then, share the correct answers.

Have students revisit KWL chart.

First, have students list what they have learned about onions in Lessons 1-2. Second, have them add to their lists of what they already know about onions' growing processes. Finally, they list what they want to learn about onions' growing processes. Discuss.

Activity:

Share *Layers of Health Benefits*. Using the *Onions from the Ground up* PowerPoint share and discuss the information with the students.

Complete the United States Onions Production Map and Bar Graph.

Extension:

Have students write a fictional biography of an onion documenting what they learned about onions' growing processes.