



Name that Plant Part!

Introduction

Students learn about the six parts of a plant and match the twelve fruits and vegetables in the book to a specific plant part.

Materials Needed

- ◆ A copy of "What's in the Garden?"
- ◆ As many real fruits and vegetables as possible that are in the book, to use for demonstration.
- ◆ Paper and magic markers

Key Concepts

- ◆ Unifying concepts and processes through evidence, models and explanation
- ◆ Understandings about scientific inquiry
- ◆ Characteristics of organisms, organisms and environment
- ◆ Humans depend on environments

Procedure

1. Read the book, as students guess the fruit or vegetable in the rhyme before turning the page to see what it is.
2. If you have provided the actual fruit or vegetable, hold it up for students to see it; then go on to the next verse.
3. Older students can also enjoy the "Food for Thought" pages before going to "How Does your Garden Grow?" on page 30. (You can download reproducible bookmarks of the twelve fruits and veggies on the Dawn Publications website.)
4. Discuss the drawing on page 30, showing the six plant parts, and read the section entitled "Plants are made up of six different parts."
5. Now go back to the beginning of the book, and point to each picture of the vegetable or fruit. Students can tell you whether it is a root, stem, leaf, flower, fruit or seed. (This is more complicated that you might think and can lead to much discussion. The corn kernels we eat are the seeds of the plant, and potatoes are tubers that are enlarged underground stems. An onion is a bulb that has roots and stems, so what is it really?)
6. Ask students to share with the class which of the twelve fruits and vegetables in the book is their favorite. How do they like to eat it?
7. As you use music to promote learning, younger children especially will enjoy singing "Roots, Stems, Leaves," a song for teaching the part of a plant by the Banana Slug String Band.

<http://www.songsforteaching.com/bananaslugstringband/rootsstemsleaves.htm>

Additional Resources

- Plant parts we eat:
<http://www.clover.okstate.edu/fourh/aitc/lessons/primary/parts.pdf>
- Teachers Guide to "The Great Plant Escape" – six parts of a plant:
<http://urbanext.illinois.edu/gpe/case1/c1facts2a.htm>



Nature Connections

- Have students draw a favorite fruit or vegetable that is not in the book. Ask older children to draw it fully grown in a garden, showing roots, stems, leaves, etc. Students can share their pictures, telling the class how they like to eat their favorite fruit or vegetable best.
- Ask students to bring in a favorite fruit from home. Examine the seeds and save some. Plant them in a classroom window. Track the development of the new plants.