

GEORGIA AG EXPERIENCE

A MOBILE CLASSROOM POWERED BY



LESSON TITLE: FRUIT

Subject: Fruit	Grade Level: 3-5	Estimated Time: 1 hour
Resources & Materials: • Assortment of fresh fruits (peach, apple, strawberry, blueberry, watermelon, etc.) • Pictures of fruit plants/trees • Fruit diagram/parts worksheet • Paper plates or observation sheets • Pencils/crayons • Optional: magnifying glasses • Optional: small fruit samples for tasting		
Standards: 3rd Grade – S3L1 Students obtain, evaluate, and communicate information about similarities and differences between plants, animals, and habitats in Georgia. A fruit lesson can focus on fruit plants grown in Georgia and the environments they need. C 4th Grade - S4L1 Students learn about the roles of organisms and the flow of energy within an ecosystem. You could connect this to plants as producers, pollinators, and the organisms involved in fruit production. C 5th Grade - S5L1 Students classify organisms using scientific classification procedures. This can connect to comparing and classifying different fruit plants, trees, and crops Agricultural Education: Students develop an understanding of plant production, Georgia agricultural commodities, and the importance of agriculture in providing food and natural resources. Science Connection: Students observe and describe how plants produce structures that help them reproduce and produce food for people. Georgia Connection: Students identify fruits that are grown or produced in Georgia and explain how agriculture contributes to the state's economy and food supply. <i>Note: Because Georgia's standards are now maintained through GaDOE SuitCASE/Inspire, the exact current standard code should be selected based on the grade and science/academic area your school requires</i>		
Learning Objectives:		

By the end of the lesson, students will be able to:

1. Define a fruit in basic agricultural terms.
2. Identify at least five different fruits.
3. Describe the basic parts of a fruit.
4. Explain that fruits develop from flowers on plants.
5. Identify at least two fruits grown or produced in Georgia.
6. Explain one way farmers help produce fruit for consumers.

Guiding Background Knowledge & Fun Facts:

A fruit is the part of a flowering plant that develops from the flower and usually contains seeds. Fruits come in many different shapes, colors, sizes, and flavors.

Georgia is well known for its peaches, but many other fruits are grown or produced in the state, including blueberries, strawberries, watermelon, apples, and muscadines.

INTEREST APPROACH:

Estimated Time: 10 minutes

Place several different fruits in a basket or bag. Without showing the students the fruit, give clues about one fruit at a time.

Ask:

- “What fruit do you think I am describing?”
- “Where does this fruit grow?”
- “Does it grow on a tree, bush, vine, or small plant?”
- “What part of the plant do we eat?”
- “Can you name a fruit that is grown in Georgia?”

Reveal the fruits and tell students that today they will become “Fruit Detectives” and investigate how fruits grow and why they are important to Georgia agriculture.

LEARNING ACTIVITY #1:

Estimated Time: 20 minutes

Resources & Materials:

- Fresh fruits or fruit pictures
- Fruit observation sheet
- Pencils
- Magnifying glasses, if available

Vocabulary:

Fruit, seed, blossom/flower, farmer, crop, harvest, orchard, vine, berry

Instructor Directions:

Divide students into small groups. Give each group several different fruits or pictures of fruits.

Have students observe each fruit and record:

1. Name of the fruit
2. Color
3. Shape
4. Size
5. Where they think it grows
6. Whether they can find seeds
7. Whether they think the fruit grows on a tree, bush, vine, or other plant

Discuss student observations as a class.

Content/Procedure:

Explain that fruits develop from flowers on plants. Show students a picture of a fruit tree or fruit plant with flowers and explain the basic process:

Flower → Pollination → Fruit develops → Fruit ripens → Harvest

Emphasize that farmers monitor their crops throughout the growing season and harvest fruit when it is ready.

Estimated Time: 15–20 minutes

Resources & Materials:

- Fruit pictures/cards
- Georgia map or Georgia agriculture pictures
- Sorting worksheet or chart
- Optional fresh fruit samples

Vocabulary:

Georgia agriculture, crop, orchard, harvest, producer, consumer

Instructor Directions:

Give students pictures or cards showing different fruits.

Have students work in groups to sort the fruits into categories:

- Grows on a tree
- Grows on a bush/plant
- Grows on a vine
- Contains seeds
- Grown/produced in Georgia

After sorting, discuss the groups with students.

Content/Procedure:

Content/Procedure:

Introduce students to several Georgia fruits, including:

-  Peaches
-  Blueberries
-  Strawberries
-  Watermelon
-  Apples
-  Muscadines

Explain that Georgia farmers grow different crops because plants have different growing requirements.

Ask students:

“If you were a Georgia farmer, which fruit would you want to grow? Why?”

Have students share their answers with the class

SUMMARY:

Estimated Time:

Estimated Time: 5 minutes

Review the lesson by asking students:

1. What is a fruit?
2. Where do fruits come from?
3. What are some fruits grown or produced in Georgia?
4. What does a farmer do to help produce fruit?
5. What is one new thing you learned about fruit today?

Conclude by reminding students that the fruit they eat has a connection to plants, farmers, agriculture, and the food system.

EVALUATION:

Estimated Time:

Estimated Time: 5–10 minutes

Give each student an exit ticket.

Fruit Detective Exit Ticket

Students must:

1. Draw one fruit.
2. Name the fruit.
3. Draw or label the seed.

4. Identify where the fruit grows (tree, bush, vine, etc.).
5. Name one fruit grown or produced in Georgia.
6. Write one thing a farmer does to help grow fruit.