



STANDARDS ADDRESSED

Georgia Agricultural Education Standards:

AFNR-AS. Investigate and develop an understanding of agricultural systems such as Agricultural Mechanics; Plant Systems; Animal Systems; and/or Food System

3AS4. Describe the role of government and industry research in ensuring a safe and wholesome food supply and environmental stewardship (such as USDA, GA Department of Agriculture, CDC, UGA Cooperative Extension/ Experiment Station).

AFNR-FA. Explore and communicate the importance of agriculture and its impact on daily life.

Next Generation Science Standards:

Asking Questions and Defining Problems

Planning and Carrying out Investigations

Key Vocabulary

Food Security - having plenty of affordable, nutritious food

Demonstration Plot - a plot of land used for demonstration and experiments

Cooperative Extension Agent - a government employee that assists farmers

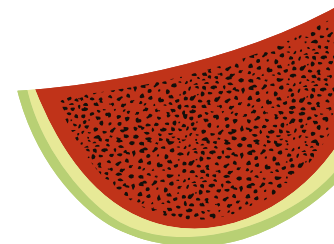
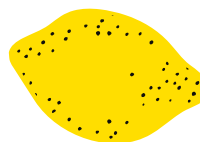
Comprehension Check

1. What is the history of New Communities Farm?
2. Who owns New Communities Farm now?
3. What is Farmer Decton demonstrating in his plot?
4. How do Cooperative Extension Agents help farmers?



Reflection Questions

1. What questions would you be interested in answering through experiments in a garden?
2. How do you think your life would be different if you grew all of your own food?



Extension Activities

1. Visit your local farmers market. Ask farmers what experiments they are doing on their farm this season? Are they growing anything new or growing anything differently?
2. What questions would you like to answer about growing food? As a class, discuss a few questions and brainstorm how you would create an experiment.
3. Imagine you were going to grow all of your own food. Think of your favorite foods and the plants and animals that make those foods. Draw a diagram of your farm and everything you would like to grow on it so you could eat your favorite foods year round. Remember the ABCD's of scientific drawings: Accurate, Big, Colorful, Detailed.

COMPREHENSION CHECK ANSWERS:

1. One of the largest slave-holding farms in Georgia
2. African Americans (through Resora at New Communities Farm)
3. How to grow a successful garden in a small amount of space
4. What to grow, what grows best in your area, when to plant

