



### STANDARDS ADDRESSED

#### Georgia Agricultural Education Standards:

**3FA1.** Describe how agriculture impacts your daily life.

#### Next Gen Science Standards:

**2-LS21.** Plan and conduct an investigation to determine if plants need sunlight and water to grow.

### Comprehension Check

1. What are some of the plants that Farmer Haylene grows in pots?
2. What does Farmer Haylene make with some of the plants she grows?
3. What are the four things plants need to survive?

### CHALLENGE

Where are the different places that Farmer Haylene lived?



### Extension Activities

1. Look through your recycling bin for containers that could be used for growing plants. Yogurt cups, egg or milk cartons, and cans could work well. You could even make a container out of a toilet paper roll! Be sure to poke some holes on the bottom for drainage!
2. Farmer Haylene said that she has 300 pots of hibiscus and each pot looked like it had two plants in it. If that is true, how many hibiscus plants does Farmer Haylene have?
3. Hibiscus is in the same plant family as okra. Research images of each plant. How do they look the same? How do they look different?
4. Make your own tea by steeping mint leaves in a jar of water and letting it sit in the sun for a few hours. Then, remove the mint leaves and enjoy. You could also add a bit of honey or a squeeze of lemon. You may like to drink it over ice.

### Key Vocabulary

**Container** - a receptacle or hollow object that can be used to hold things

### Reflection Questions

1. Hibiscus tea (also known as sorrell tea) is a favorite drink of Jamaicans at Christmas time. It's made from the hibiscus plant, and also has ginger in it. What drinks do you enjoy for holidays?
2. What are some benefits to growing food in containers instead of in the ground?

#### COMPREHENSION CHECK ANSWERS:

1. Purple cauliflower, beets, hibiscus sorrel, ginger
  2. Tea
  3. Soil, water, sun, air
- Challenge** Jamaica, New York, Atlanta

