

Answer Keys

Vegetable Jungle

Doodle Bugs

- Circle: Carrots, turnips or potatoes
Box: Asparagus or celery
Fill-in the blank: Kale, spinach, romaine lettuce, mustard greens, turnip greens, mint, collard greens, etc.
Fill-in the blank: It is the fruit of the plant because it contains the plant's seeds.

SCIENTIFIC INQUIRY:

Stating the Facts About Vegetables

- Broccoli: 25 grams (0.9 oz); 2.5 inches (6.4cm); dark green, looks like a tree; flower
Celery: 40 grams (1.4 oz); 3 inches (7.7cm); light green, gets wider and whiter at the bottom; stem
Lettuce leaf: 12 grams (0.4 oz); 4 inches (10.2 cm); light green, flat with veins running through it; leaf
Green pepper: 165 grams (5.8 oz); 10 inches (25.5 cm); bright green with white seeds inside, spherical shaped with a stem on top; fruit
Potato: 213 grams (7.5 oz); 8 inches (20.5 cm); brown outside but white inside, oblong; root

Vegetable Rainbow

Doodle Bugs

- Circle: Lemon juice, vinegar, cream of tartar
Fill-in the blank: Lime juice, grapefruit juice, cranberry juice
Fill-in the blank: It is a nice bright green, but it is very mushy.

SCIENTIFIC INQUIRY:

Color Changes in Acids and Bases

- Broccoli: Green; dull green or brownish green (acid); bright green (base)
Carrot: Orange; slightly lighter orange (acid); orange (base)
Red cabbage: Deep red; bright red (acid); blue (base)
White onion: White, clear white (acid); yellow (base)

Which vegetable's color is changed the least by the acid and base?

The carrot's color is the least changed by the acid and base. It is a slightly lighter orange when cooked in the acidic water and it does not change color when cooked in the basic water.

Answer Keys (continued)

Eating Vegetables

Doodle Bugs

- Box: 2-2 1/2 cups
Fill-in the blank: Mashed potatoes, mashed sweet potatoes, mashed cauliflower, etc.
Underline: Vitamin C helps heal cuts and scrapes.
Fill-in the blank: Orange vegetables are full of vitamin A and help with eyesight.

SCIENTIFIC INQUIRY:

Scientific Soup

How many different colored vegetables are in your soup? Is this a good variety?

There are four different colored vegetables in my soup, plus red tomato juice. The four vegetables are white potatoes, orange carrots, yellow corn and green beans. I think this is a good variety.

Like/Dislike: **Answers will vary.**

My soup creation: **Answers will vary.**

- Example:** 1. Place the pot on the stove.
2. Add chicken broth.
3. Add garlic powder, parsley and ground pepper.
4. Add chicken chunks, noodles, carrots, celery and onions.

Proficiency Questions (Workbook)

1. **b** 2. **a** 3. **b** 4. **c** 5. **a** 6. **d**

Proficiency Questions (Virtual CD)

1. **b** 2. **a** 3. **b** 4. **c** 5. **a** 6. **b** 7. **d** 8. **a**