Answer Keys

Egg-ceptional Eggs

Doodle Bugs
Underline: These parts include an outer membrane, inner membrane, white, vitelline membrane, yolk and chalazae.

Draw: An egg with tiny holes.

Circle: The egg yolk

SCIENTIFIC INQUIRY:
Egg Facts
Whole egg: White; oval
Egg white: Clear; liquid blob
Egg yolk: Bright yellow; sphere
Chalazae: White; string like shape

Whole egg: 2.3 ounces; 5 inches around; 2 1/2 inches tall
Egg white: 1.5 ounces
Egg yolk: 0.75 ounces, 3 inches around

Can you see the chalazae of the boiled egg? No

Tell one way the egg white changed after it was boiled. The egg white changed from a liquid to a solid after it was boiled. Or. The boiled egg white is white, instead of clear.

Tell one way the egg yolk changed after it was boiled. The egg yolk changed from a liquid to a solid after it was boiled. Or. The boiled yolk is pale yellow, instead of bright yellow.

Fantastic Foams

Doodle Bugs
Circle: Puffy omelets, fluffy pancakes and foam candies and cookies

Box: Medium stiff peaks will stand up with just their tips falling over. Or. They will be smooth and a shiny white.

Fill-in the blank: Because egg yolks keep egg whites from turning into foam.

SCIENTIFIC INQUIRY:
Peaks, Peaks, Peaks
Unbeaten circle: Small, flat, blob, liquid, clear
Stiff peaks circle: Big, tall, fluffy, foamy, white
Overlap Unbeaten and Stiff peaks: Egg white, source of protein, low in fat

My cookie tastes: Answers will vary. Examples: Good, sweet
My cookie looks: Answers will vary. Examples: Fluffy, light, crunchy, golden
My cookie feels like: Answers will vary. Examples: A crunchy cloud, chewy cotton candy in my mouth, a toasted marshmallow
Answer Keys (continued)

WHILE YOU WAIT:
Egg-citing Egg Foams
My Guess/Prediction: Egg whites or Egg Yolks
Starting and Ending Times: Answers will vary.
Volume of egg whites: 1 1/4 cups
Volume of egg yolks: 1/4 cup
Prediction Correct: Yes, if egg whites. No, if egg yolks.

Proficiency Questions (Workbook)
1. a 2. a 3. b 4. d

Proficiency Questions (Virtual CD)
1. c 2. d 3. c 4. b