

Answer Key

Classification Station (pages 3 - 4)

Classification System 1: box 2, because it has 4 sides and the rest have 3.

Classification System 2: box 1, because it is cone shaped and the rest are cylinders.

Classification System 3: box 4, because 93 is not a multiple of 7, whereas the rest are.

Classification System 4: box 3, because it is not a grain and the rest are.

Classification System 5: box 2, it is the only one that doesn't end in 1, which in binary means it is an even number. These are all binary numbers, 11 is binary for 3, 1110 is binary for 14, 1101 is binary for 13, 10011 is binary for 19.

Code Your Own Supermarket (page 5)

1. Ground Beef = 070102
2. White Flour = 040202
3. Carrots = 080201
4. Orange Juice = 010103
5. Peas = 080203
6. Dinner Rolls = 020201
7. Root Beer = 010203
8. Cranberries = 080102
9. Marble Cheese = 050102
10. Deluxe Pizza = 060202
11. Rye Bread = 020102
12. Vanilla Ice Cream = 060103
13. Apple Juice = 010101
14. Raisin Bread = 020101
15. Almond Milk = 050201
16. Chicken Legs = 070202
17. Rice Crispies = 040103
18. Steak = 070103
19. Alfredo = 030101
20. Skim Milk = 050202

What Am I? (pages 6 - 7)

Animals : giraffe, dolphin, sea star, lizard

Plants : potted plant, corn, tree, strawberry, venus fly trap

Fungi : mushrooms, yeast

Bacteria : 2 bacterial cells

Coding Some Better Vision (pages 8 - 10)

Variable == a forest; if magnification_tool == BINOCULARS { can_see_better = TRUE;
what_we_see_better = SQUIRRELS}

Variable == a sky at night; if magnification_tool == TELESCOPE { can_see_better = TRUE;
what_we_see_better = STARS}

Variable == small font on a package; if magnification_tool == MAGNIFYING GLASS { can_
see_better = TRUE; what_we_see_better = WORDS}

Variable == our hands; if magnification_tool == microscope { can_see_better = TRUE;
what_we_see_better = BACTERIA}

Habitats at Home (pages 16 - 17)

Southern Arctic: Arctic Ground Squirrel

Hudson Plains: Polar Bear & Beluga Whales

Taiga Shield: Bald Eagle

Boreal Shield: Jack Pine & Beaver (also sometimes found in Taiga Shield)

Boreal Plains: American Bison

Prairies: Monarch Butterfly & White-tailed deer (also sometimes found in Boreal plains)