

**Answer Key: Activity 1:** 1. G, 2. C, 3. E, 4. A, 5. I, 6. F, 7. B, 8. D, 9. H. *Putting Bees on the Map:* Yes, NY, PA; Yes, NC, GA. **Activity 2:** 1. Hind wing, 2. Abdomen, 3. Honey sac, 4. Midgut/ventriculus, 5. Wax gland, 6. Stinger, 7. Pollen basket, 8. Forewing, 9. Head, 10. Thorax, 11. Legs, 12. Ocellus, 13. Compound eye, 14. Antenna, 15. Mandible, 16. Proboscis/tongue. *Putting Bees on the Map:* ND, SD; Bismarck, Pierre; CA, FL; Tallahassee, Sacramento. **Activity 3:** *Answers will vary but may include traits listed above in Lesson 3.* Questions: 1. The Queen's primary duty is to lay eggs. 2. The job of the Worker bee is to tend the young, gather and store nectar and pollen, make honey, royal jelly and beebread, produce wax, and care for the Queen and Drones. 3. The Drones' only job is to mate with the Queen. *Putting Bees on the Map:* West; West, South; 27 (28 including D.C.); ND, SD, NE, KS, MN, IA, MO, WI, IL, MI, IN, OH, ME, NH, VT, MA, CT, RI, NY, PA, NJ. **Activity 4:** *Answers will vary but may include:* Round Dance: "Hey, hive, I've found food less than 100 yards away from the hive. It's out there, somewhere, so go get it!" Waggle Dance: "Hey, hive, I've found food but it's more than 100 yards away from the hive. Here are the directions: Out of the hive, fly thirty degrees to the right of the sun. I'm dancing fast (slow), so the food is pretty close (far)." *Putting Bees on the Map:* Approx. 2150 miles; Oregon to Nevada; the distance from OR to NV is longer, at approx. 430 miles. The distance from OR to ID is approx. 360 miles; approx. 2600 miles.