Honey Bee Matching

1. A group of honey bees living together
2. A bee’s home
3. A sticky, yellow syrup that is very high in protein and is fed to larvae
4. A yellow powdery substance produced by flowers
5. The offspring produced by the colony
6. Royal jelly
7. Six-sided cells of wax
8. Bee food made from nectar and pollen
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Activity 2
The Bee Body

Label the bee body parts using words from the list to the right:

Abdomen
Head
Mandible
Forewing
Hindwing
Proboscis
Thorax
Honey sac
Wax gland
Honeycomb
Antenna
Ocellus
Proboscis or tongue
Pollen basket
Wax gland
Hind wing
Abdomen
Fore wing
Mandible
Thorax
Honey sac
Pollen basket
Wax gland
Round Dance
Waggle Dance
If the returning bee performs the waggle dance, the sun is at the starting point of the dance. Then the round dance is performed to show the direction of the food source. The speed of the dance (fast or slow) means far or near. The exact location of the flowers can be determined by measuring the length of the centimeter and the number of turns of the dance. The number of turns is equal to the distance in miles. If the waggle dance is performed, the food source is within 100 yards to the right or left of the upright line. The waggle dance is performed by the returning bee. The returning bee communicates the location and distance of the food source by wagging its body. If the dance is fast, the food source is far. If the dance is slow, the food source is near. If the dance is slightly faster than normal, the food source is 100 yards away. If the dance is slightly slower than normal, the food source is close to the hive. 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