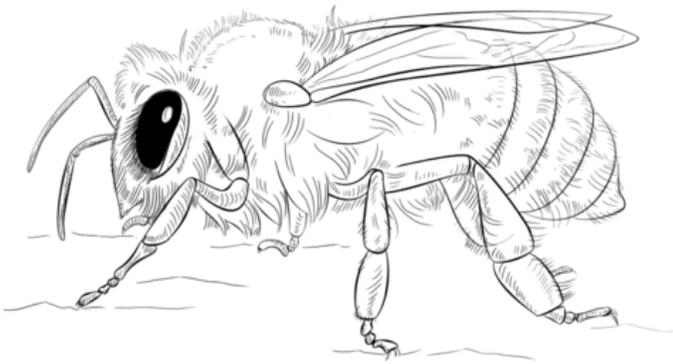


# Did you ever Wonder...

## How a bee stings?

Watch this episode of ‘Did you ever Wonder...?’ with your nerdy, nature loving naturalist Kalene before trying this worksheet. Or, for an extra challenge you can try the worksheet first! Answer sheet will be posted within a few days.



### Who are honey bees?

Kingdom: \_\_\_\_\_

Phylum: \_\_\_\_\_

Class: \_\_\_\_\_

Order: \_\_\_\_\_

Family: \_\_\_\_\_

Genus: Apis

Species: Mellifera

**Fun fact:** Apis is Latin for bee, and mellifera is Latin for honey bearing!

### Word of the Day: Ovipositor

Definition: An ovipositor is the tube-like organ many insects use to lay their eggs. In bees, this developed into their stinger!

Break it down: **Ovi-** egg, **Posit-**To Place. Egg-placer!

Try using it in a sentence:

\_\_\_\_\_

\_\_\_\_\_.

### Unscramble the words below!

S-M-A-N-O \_ \_ \_ \_ \_

P-E-N-L-O-L \_ \_ \_ \_ \_

T-I-N-E-S-R-G \_ \_ \_ \_ \_

O-V-N-M-E \_ \_ \_ \_ \_

H-N-Y-E-O \_ \_ \_ \_ \_

O-I-T-R-O-I-O-P-S-V \_ \_ \_ \_ \_

### Two truths and a lie:

Circle which of these three bee “facts” you think is a lie!

- 1) All bees can sting.
- 2) Many bees are solitary instead of social.
- 3) Ants and wasps are close relatives of bees.

## Bee anatomy:

Try to label the parts of the bee:

1 \_\_\_\_\_

2 \_\_\_\_\_

3 \_\_\_\_\_

4 \_\_\_\_\_

5 \_\_\_\_\_

6 \_\_\_\_\_

7 \_\_\_\_\_

8 \_\_\_\_\_

9 \_\_\_\_\_

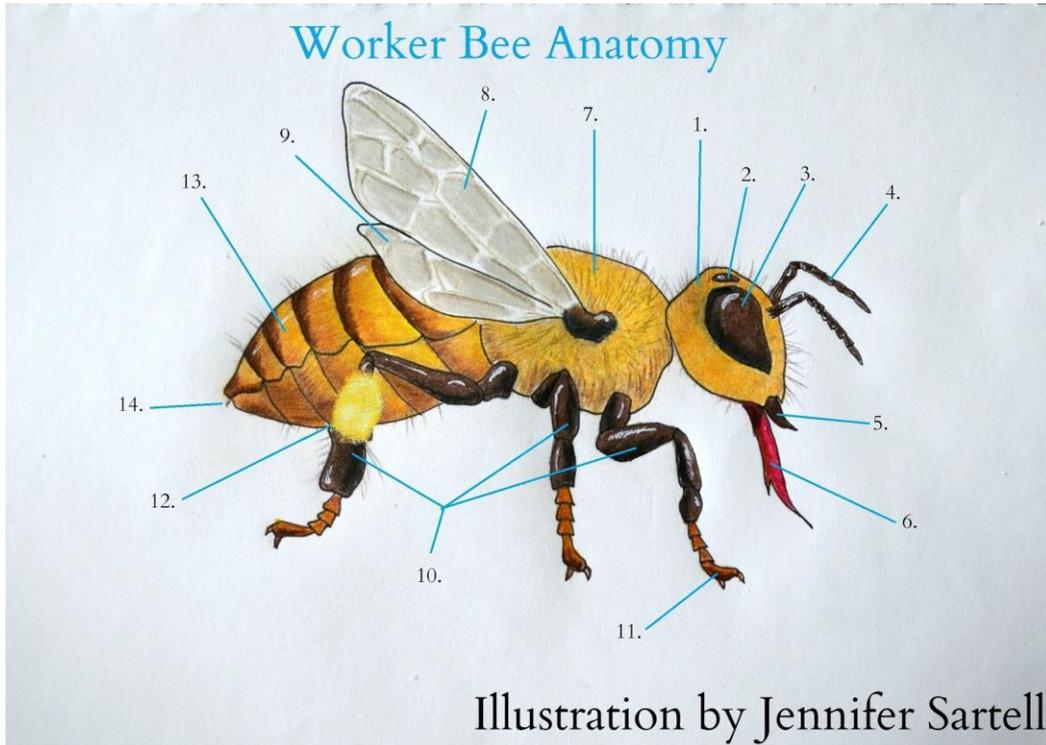
10 \_\_\_\_\_

11 \_\_\_\_\_

12 \_\_\_\_\_

13 \_\_\_\_\_

14 \_\_\_\_\_



### Word Bank:

Legs, abdomen, head, antennae, stinger, front wings, rear wings, pollen basket, simple eyes, feet, compound eyes, thorax, mandibles, proboscis

### Joke of the day:

Q. Which bees are the smartest?

A. Spelling bees!

### Bountiful Bee Crossword:

Do you think this is a male or female bee? Why?



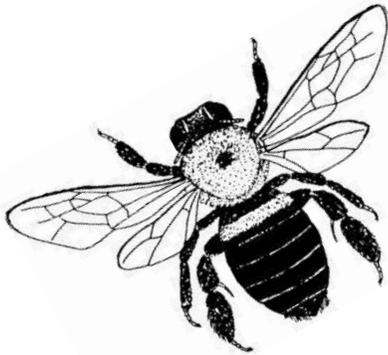
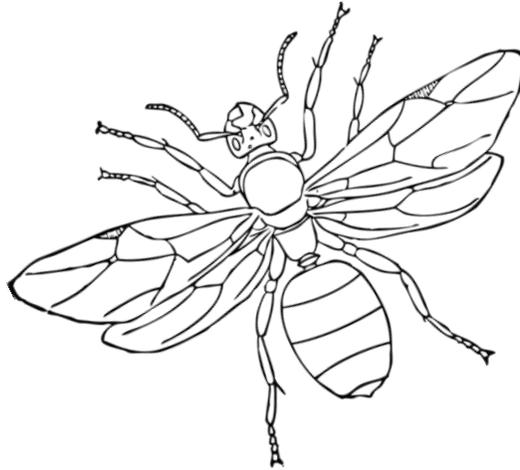
**Across:**

- 4. Non-social
- 7. Large animal grouping that contains bees, flies, beetles ect.
- 8. Insect order that includes the bees, wasps and ants
- 10. A male bee
- 13. The body change that bees go through
- 14. First stage of a bee life cycle
- 15. Fuzzy, ground nesting native bee
- 18. Female, egg laying honey bee.

**Down:**

- 1. Animals that help fertilize plants
- 2. Building material secreted by Honey bees
- 3. Spineless animals
- 5. Egg-laying body part
- 6. Sensory organs on the head
- 8. Tasty bee vomit
- 9. Body part that injects venom
- 11. Hatches from an egg
- 12. Female, non-reproductive bee
- 16. Native solitary bee, named for being a builder
- 17. Painful substance that is injected





Which **insect** doesn't belong? (hint: count the wings) \_\_\_\_\_

How many **insects** are in this picture? \_\_\_\_\_

How many **antennae** can you count? \_\_\_\_\_

How many **legs** can you count? \_\_\_\_\_



**Draw a picture of a bee pollinating a flower!**

The Swan Lake Team would love to see your creations; send your finished pictures to [klillico@swanlake.bc.ca](mailto:klillico@swanlake.bc.ca)