

TANANA DISTRICT 4-H BEEKEEPING WORKBOOK



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Basic Bee Keeping Knowledge

1. A honey bee is an insect because?

a.

b.

c.

2. Name the three types of casts in a honey bee colony and what they are responsible for.

a.

b.

c.

3. Why do people keep bees?

4. The diet of a honey bee is:

a.

b.

5. Name the parts of your bee hive

6. What basic steps should you follow to prevent an unexpected swarm?

7. Describe the queen, and tell how her body shape, wing size, and stinger are important?

8. What do you find most interesting about the queen bee?

9. How many days does it take to develop a queen from egg to adult?

10. What is the brood? Where is it located?

11. What is a drone and what does it do?

12. What are the duties of the worker bee?

13. Why are Africanized Bees bad? Why are Africanized Bees good?

14. What is burr comb? Why is it made?

15. Explain how the frames are built to maintain the "bee space." Who discovered the space?

16. Name three different things that can be found in the cells of honey comb.

a.

b.

c.

17. Why is it necessary to have your hive elevated off the ground? Name two reasons:

a.

b.

18. Name three animals that might attack a hive and what would happen if they do.

a.

b.

c.

19. Name three bugs or parasites that might attack the hive and what would happen if they do.

a.

b.

c.

20. Name three diseases that might infest the hive. What indicates they have been infested?

a.

b.

c.

21. What are two methods or tools do you use to prevent infestation of parasites or diseases?

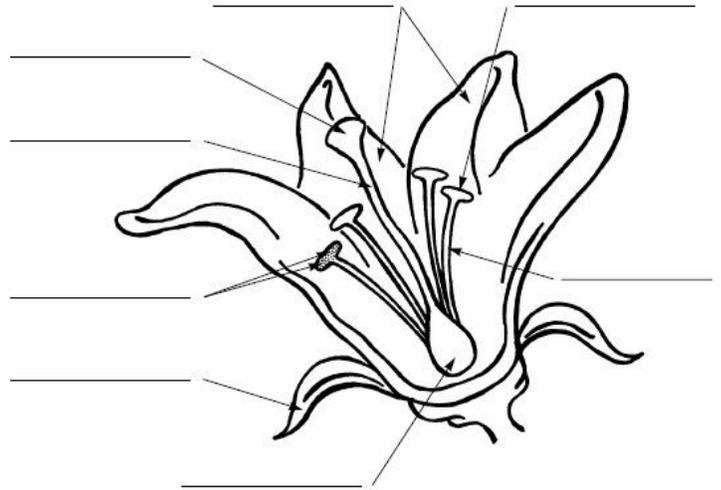
a.

b.

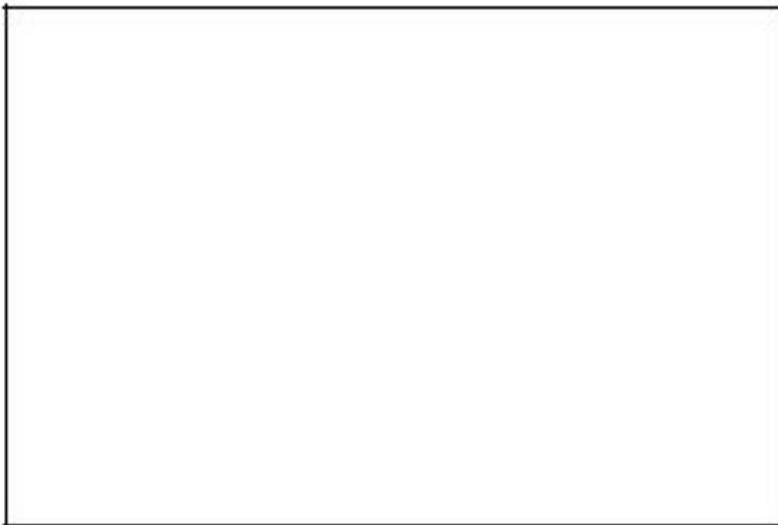
c.

22. Label the following parts of a flower:

- | | |
|----------|---------------|
| Anther | Pollen grains |
| Filament | Sepal |
| Ovary | Stigma |
| Petals | Style |



23. Draw a picture of honey comb in the box:



The Power of 4-H

"It's a powerful thing when kids team up with adults to learn new skills, improve their communities, explore the wonders of today's world, prepare for tomorrow's opportunities and have fun! That's the power of 4-H!"
Taken from Michigan 4-H Today, 1996

4-H is an endless parade of enthusiastic young people, exhilarated by the great challenges of tomorrow, because they have already conquered the small changes of today.

There are more than 5 million participants in 4-H, proving that young people respond to the 4-H challenge to do the difficult — "To Make the Best Better."

4-H not only asks for the best work youngsters can produce, it gives them the guidance for accomplishing their goals.

Adults and youth, with a gift for leadership and liking for young people, volunteer their time to lead local groups, showing youngsters the "how to" and "why" of various activities.

4-H is an exciting, "Learning By Doing" experience in which 4-H'ers can select projects and set their own goals. By completing their projects, they have learned useful skills, dignity of work and the satisfaction of responsibility. By comparing their accomplishments with others, 4-H'ers develop higher standards of excellence and the self-confidence to broaden their goals and interests.

The Motto

To Make The Best Better

The Pledge

I pledge

My HEAD to clearer thinking,
My HEART to greater loyalty,
My HANDS to larger service,
My HEALTH to better living,
For my club, my community,
my country, and my world.

The Slogan

Learn By Doing