



Commercial Bee Keeping

Learning Outcomes

Learn how a honey bee farm works to produce honey. Learn the parts of a honey bee box. Learn different types of honey and products made by honey bees.

Visit an apiary and taste different types of honey. Discover how a commercial honey bee hive works.

Challenges

Honey Tasting

- Honey can taste slightly different depending on what flowers the honey bees visited while foraging. Talk with your teacher about setting up a honey tasting demonstration in your class. Bring in 3-6 different types of honey for everyone to try. Test whether students have a honey preference. Submit the results of your study.
- **Learning Outcomes:** *Learn how different honeys can taste depending on where they come from.*

Apiary Visit

- Visit an apiary (honey bee farm). Submit a photo of you standing by a honey bee hive with a brief description of 5 things you learned while visiting the farm.
- **Learning Outcomes:** *Learn how a honey bee farm works.*

Honey Bee Box

- After either visiting an apiary, or researching on the internet, submit a brief description of a commercial honey bee box. Within your description, include the different components of the honey bee box. Tell how the various parts of a honey bee box are used by the bees as well as how they used by beekeepers to raise bees and collect honey and other goods. Finally, describe what "bee space" means and how modern hives use Langstroth's discovery to improve honey production.
- **Learning Outcomes:** *Learn the components of a commercial honey bee box.*