

Honey, it's a Bee!



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Introduction

This book represents the culminating activity of an inquiry based research project that integrates technology with literacy and science. Every child participated in the process of posing questions and researching material. Children learned the value of reading for information from books and web sites and working together in groups. They also learned important nonfiction skills such as organizing information into chapters, illustrating text with diagrams, defining new vocabulary words in a glossary and referencing materials.

In addition to the administrative support we received from Mrs. Connolly, our Principal, and Ms. Impieri, Ms. Kostopoulos and Ms. Rudolph, our Assistant Principals, many teachers outside the computer lab supported this effort and I wish to take this opportunity to thank them for their contribution:

Class 2-211	Ms. Mehl and Ms. Lopez, Teachers
Paraprofessionals	Ms. Alma, Ms. Ortiz and Ms. Batis
CTT Teacher	Ms. Beech
Science	Mr. Monahan
Library	Ms. Komae
Art	Ms. Schiavi

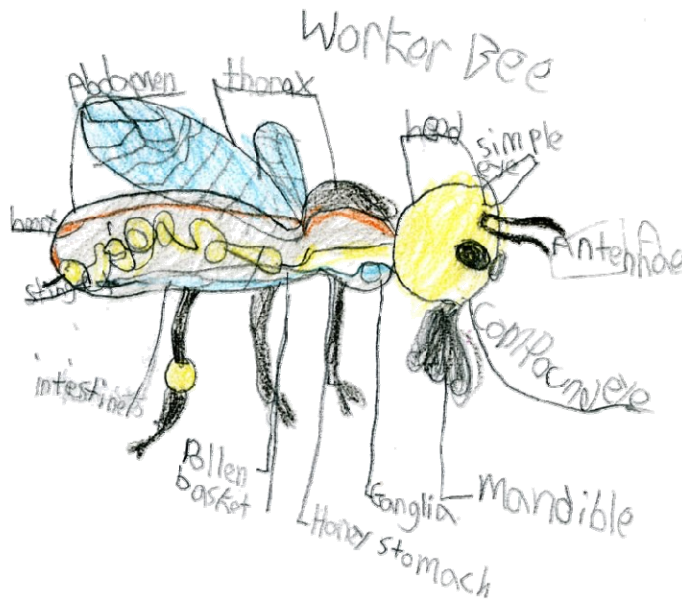
And finally, Teresa Bader, Manhattan Borough Director OIT, who brought project-based learning to Region 4 and trained many teachers during the 2004-2007 Title IID Enhancing Education Through Grant.

Thank you one and all.

Nancy Shaw
Technology Teacher

What Does a Honeybee Look Like?

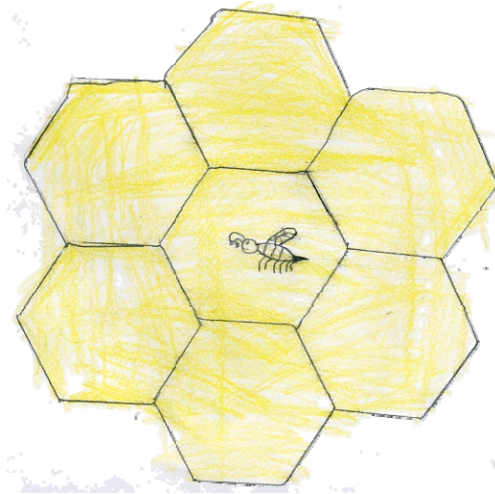
Yalissa and Lissette



A honeybee is an insect. The honeybee has 6 legs. The honeybee has a head, a thorax and an abdomen. The honeybee has 2 antennae. The honeybee has 2 big eyes and 3 small eyes.

Where Do Bees Live?

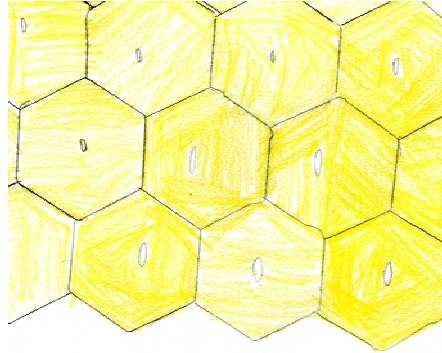
Alexander and Kenneth



Bees live in a **hive**. It looks like a circle. It has six sides.
Bees live together in a large family called a **colony**.

What Do the Worker Bees Do?

Guo and Milange



The worker bees bring honey to babies called larvae. The worker bees make like an air conditioner: when it's hot the worker bees flap their wings to make air for the hive.

The worker bees collect nectar from flowers and they make it into honey. The worker bees take care of the queen.

What Do the Drones Do?

Halen and Tyric



The **drones** are the male bees. The drones help the queen bee to have the babies.

What Does the Queen Bee Do?

Karen and Thiana

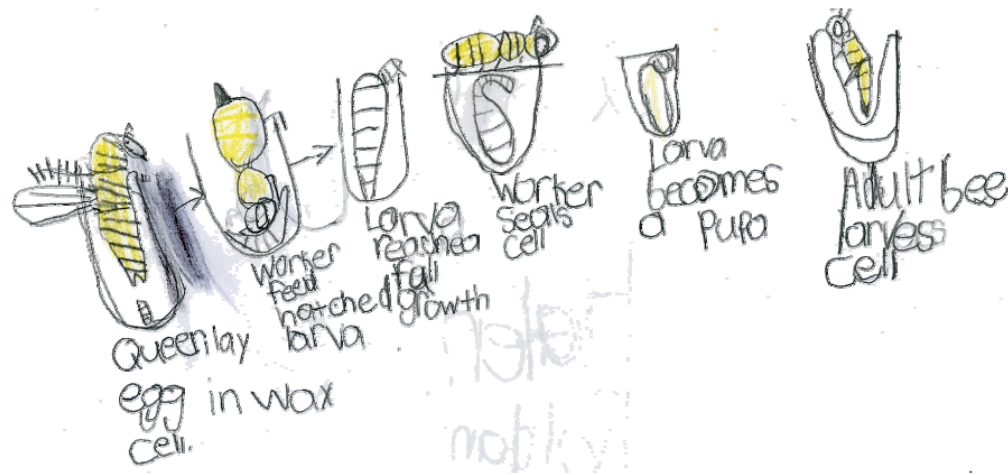
1500 eggs.

The eggs are very small. They look like a comma.

The queen bee lays a lot of eggs every day. Sometimes 1530 eggs! She lays all of the eggs so they can become more worker bees. When she starts slowing down the worker bees take a special egg and take care of it so it can become the next queen.

How Do Bees Grow?

Jose and Ryan



Bees grow in an egg. Then bees hatch from the egg.

What Do Bees Eat?

Brittany and Kiara



Bees eat **pollen** from the flowers. Bees eat **nectar** and bees eat **honey**.

How Do Bees Make Honey?

Ryan



Bees go to the flowers and suck the **nectar**. Then they go home and make it into **honey**.

How Are Bees Helpful?

Fermino and Alex



Bees make **honey**. Bees collect **pollen** from the flowers and then when they are on another flower the pollen helps the flowers grow.

What is Beeswax?

Erann and Randy



Beeswax comes from a gland. The beeswax is used for putting honey in it. The beeswax is used to make the hive.

How Do Bees Protect Themselves?

Sebastian



Bees protect themselves by stinging people.

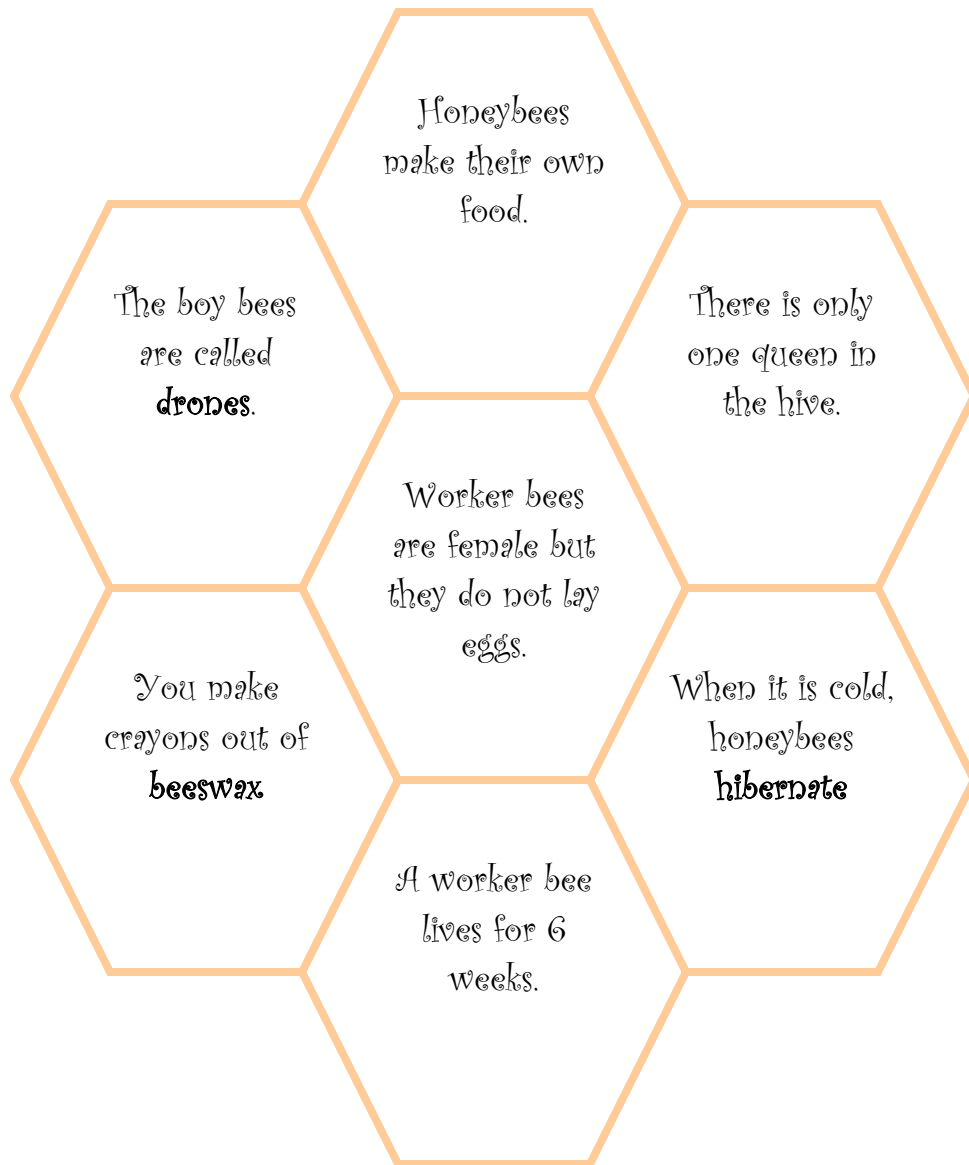
What Do Beekeepers Do?

Arielle and Angelique



Beekeepers keep bees in a box. What they do is put the **honey** in jars and sell it for the people can buy it in a supermarket and eat it.

Interesting Facts about Honeybees



Glossary

Beeswax (sometimes it's just called wax)

It comes out of the bee and the bees use it to make their hive.

Colony

Special name that means a bee's family

Drone

Male bees (boy)

Hive

A bee's home

Hibernate

Sleep for a long time during winter when it's cold.

Honey

Food that bees make out of nectar

Larvae

Baby bees

Nectar

Sweet juice inside a flower

Pollen

Yellow powder that helps plants grow.

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By Melvin Berger

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WEB SITES

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About the Authors



This is class 2-211's book about honeybees. We tried to think about what bees do and we asked many questions. We researched bees. We learned a lot about bees from reading books. We also saw a videotape. And we used the computer. We really worked hard for a long time. We learned a lot about bees but we still don't know what their wings are made of. We are 7 and 8 years old.