All About Bees
Types of Bees

Cut each piece out in full (don’t cut off the tab label). Write information on each piece. Stack the pieces in this order top to bottom: types of bees, drone, worker, queen.
worker

queen
Worker Bees

Cut out the rectangle as one piece and fold on the dotted line. Inside (opposite the “glue here” side), write or glue the various jobs of a worker bee.

- collect nectar and pollen
- make honey
- clean
- build the comb
- tend to the queen
- feed babies
- maintain hive temperature
- guard the hive
Bee Bodies

Use the directions on the site to label the bee body.
Bee Facts

Cut the honeycombs and stack them. Read the bee facts. Which one is your favorite? Tell someone else!

- One pound of honey = 2 million flowers, 25,000 trips to and from the hive, 55,000 miles of travel.
- One bee colony can eat up to 200 pounds of honey a year!
- One bee can visit more than 2,000 flowers a day.
- Queen bees can lay up to 2,000 eggs in a day.
Bee Hive

Trace, color, and cut out the hexagons. Glue them together on another piece of paper, all touching like a honeycomb.
Cut out the rectangle as one piece and fold on the center line. Inside (opposite the “glue here” side), glue (or write) the honey lovers that pose a threat to a bee’s hive.

Honey Heisters

bears  humans  skunks  wasps  bees from other hives
Bee Communication

Cut around the outside of the first circle, as well as along the dotted lines to cut out the “cut out here” section. Cut around the outside of the second circle. Stack the first circle on the second circle and secure with a brad.
Zoology
Levels 1-4

Lesson 87

We live in the same hive.

I'm a worker bee.

Protect the hive!

Danger!

I'm the queen bee.

You: I don't know.
Bee dances

Cut out the rectangle as one piece. Fold the left side in (on the line at A), and fold the right side in (on the line at B). Cut on the dotted lines so that the 5 sections are strips you can open to the fold. On the inside (opposite “glue here”), write or paste what each bee dance means.

- Round dance
- Waggle dance
- Waggle dance
- Waggle dance
- Waggle dance
- Left
- Right
- Up
- Up
Round dance:

- Tells bees a food source is near the hive

Waggle dance:

- Tells bees a food source is far from the hive
- Tells workers to fly toward the sun
- Tells workers to fly to the left of the sun
- Tells workers to fly to the right of the sun
Put the honey facts into the honey jar.

Bees suck nectar out of flowers using their proboscises.

They return to the hive and pass the nectar to other bees.
House bees chew the nectar for about 30 minutes

Worker bees spread the nectar all over the honeycomb to dry

Bees fan the nectar with their wings to help it dry faster

When honey is ready, the bees plug the honeycomb with wax
Pollination

Cut out the rectangles and fold on the dotted line. Inside (opposite the “glue here” side), write about how bees use pollen to make food and how they also help flowers by carrying pollen from one flower to another, which enables them to make seeds and fruit.
Royal Jelly

Cut out the rectangle as one piece and fold on the center line. Cut on the dotted line to the center fold. Inside (opposite the “glue here” side), write the answers to the questions.

What is royal jelly?  Who eats it?

(glue here)
Bee Life Cycle

Cut around the outside of the first circle, as well as along the dotted lines to cut out the "cut out here" section. Cut around the outside of the second circle. Stack the first circle on the second circle and secure with a brad.