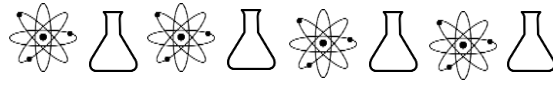


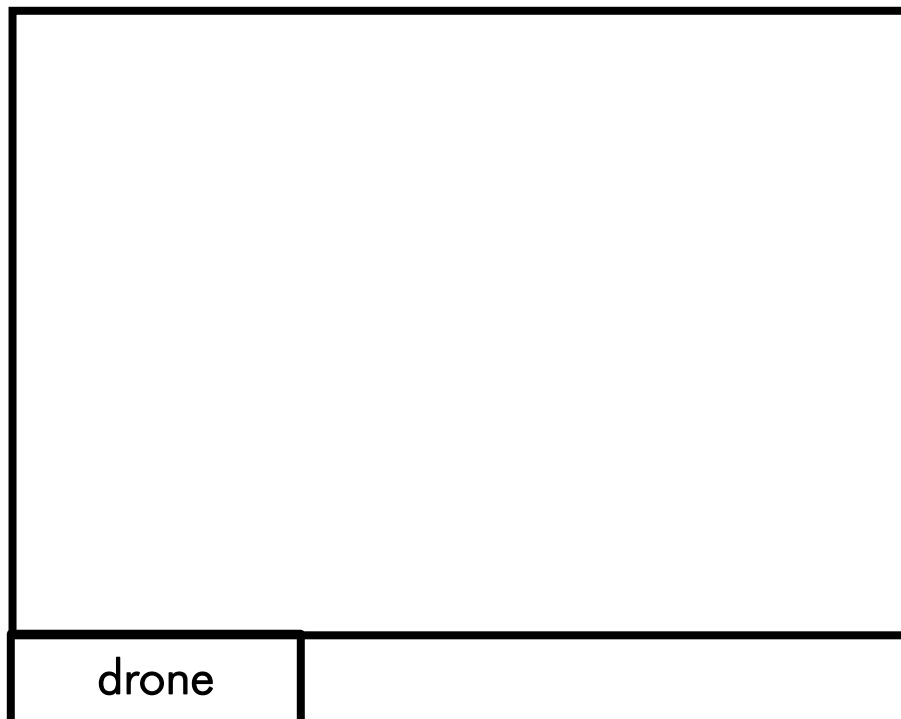
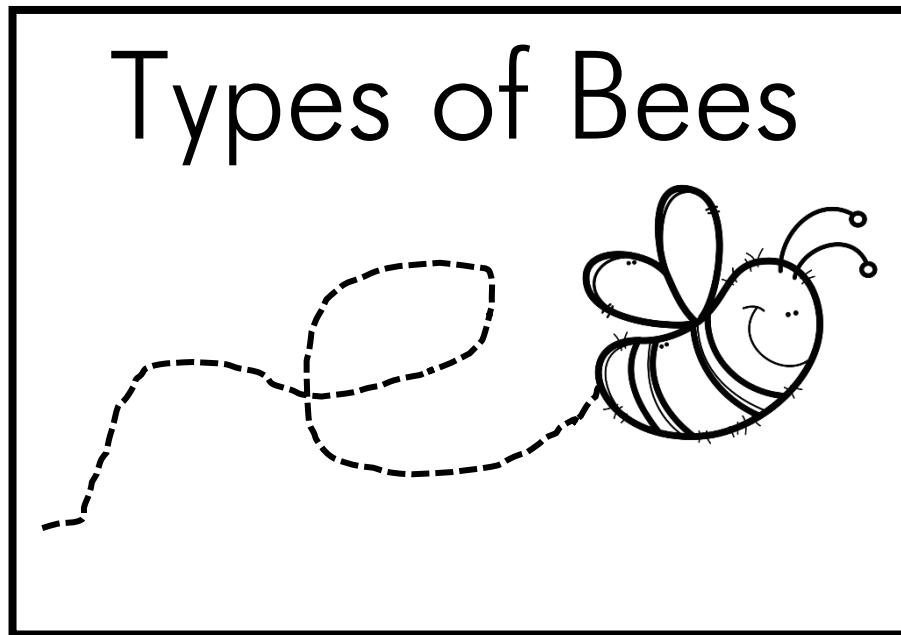
All About Bees



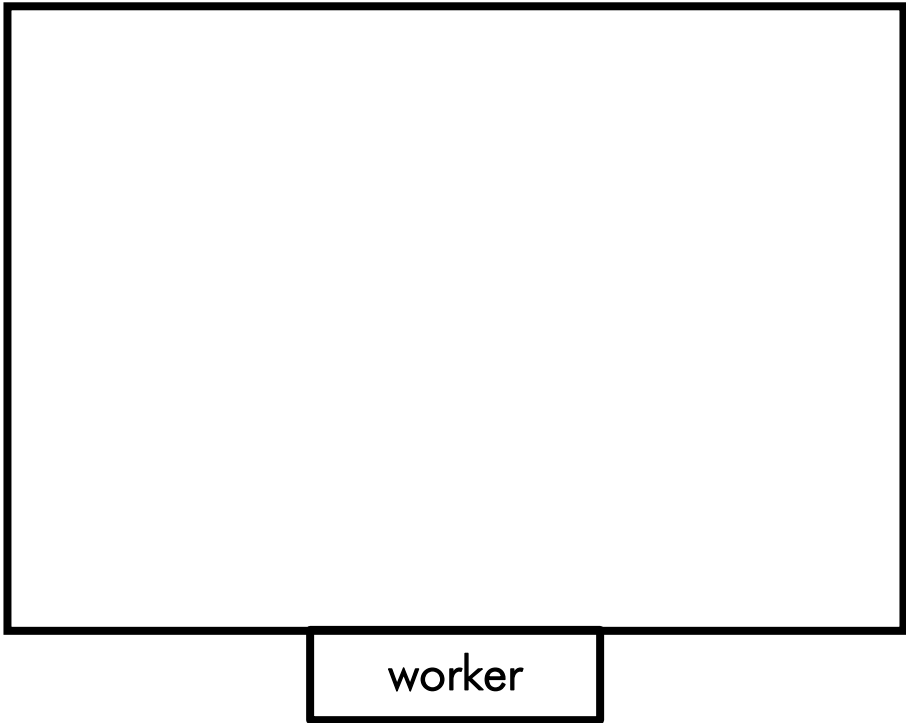
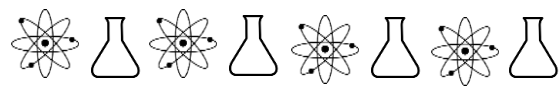


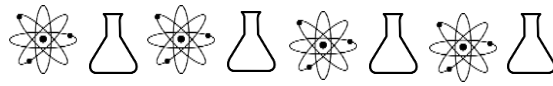
Types of Bees

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.



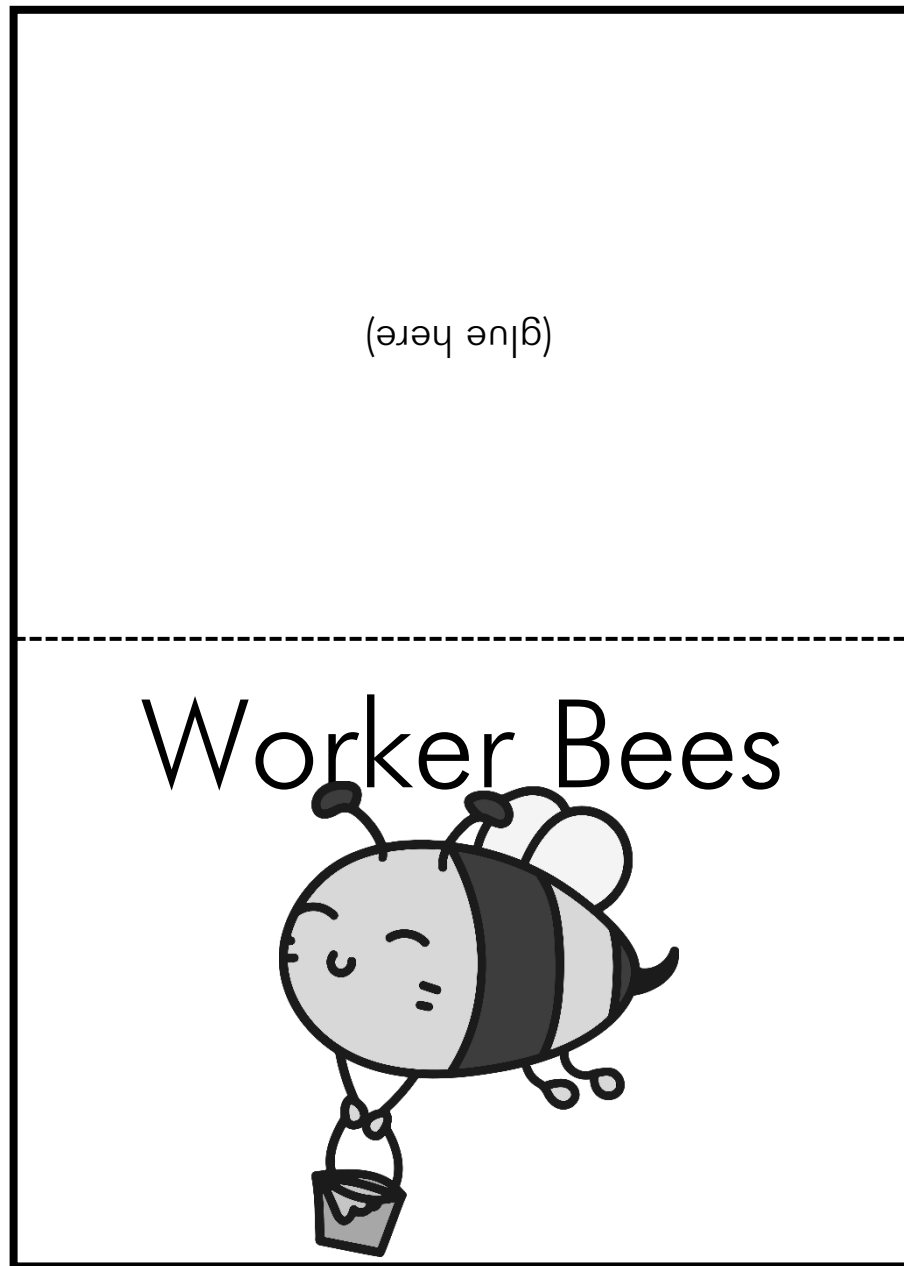
drone



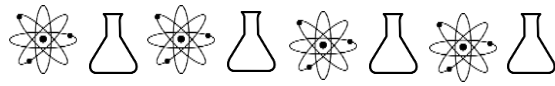


Worker Bees

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.

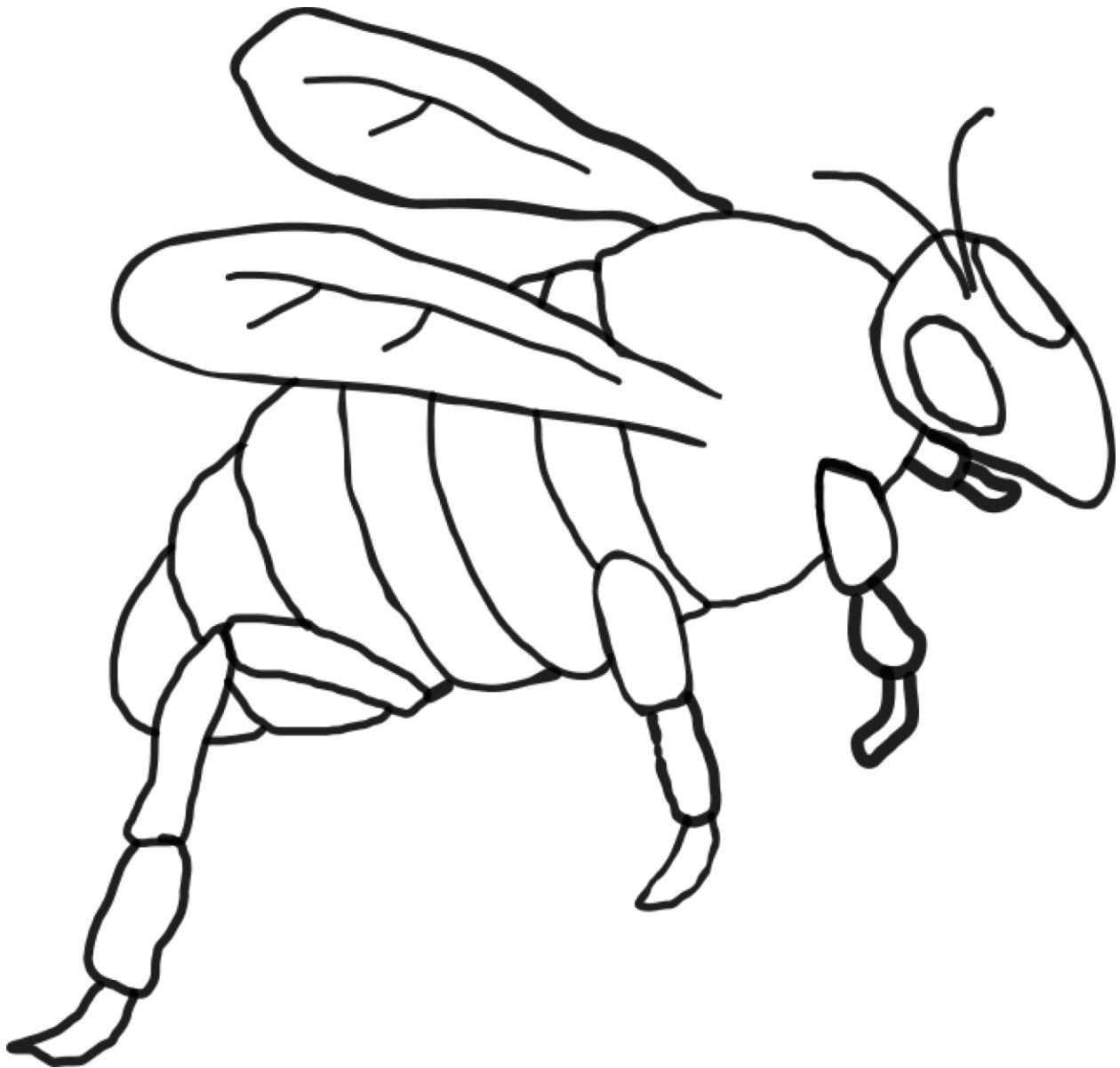


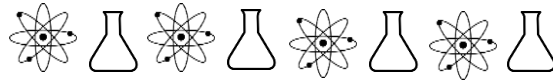
collect nectar and pollen make honey clean
build the comb tend to the queen feed babies
maintain hive temperature guard the hive



Bee Bodies

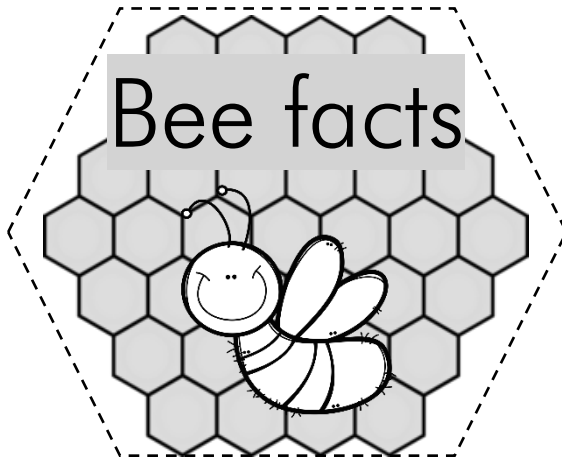
Use the directions on the site to label the bee body.





Bee Facts

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

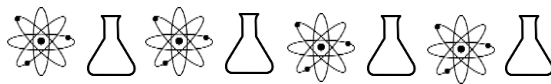


One bee colony can eat up to 200 pounds of honey a year!

One pound of honey = 2 million flowers, 25,000 trips to and from the hive, 55,000 miles of travel.

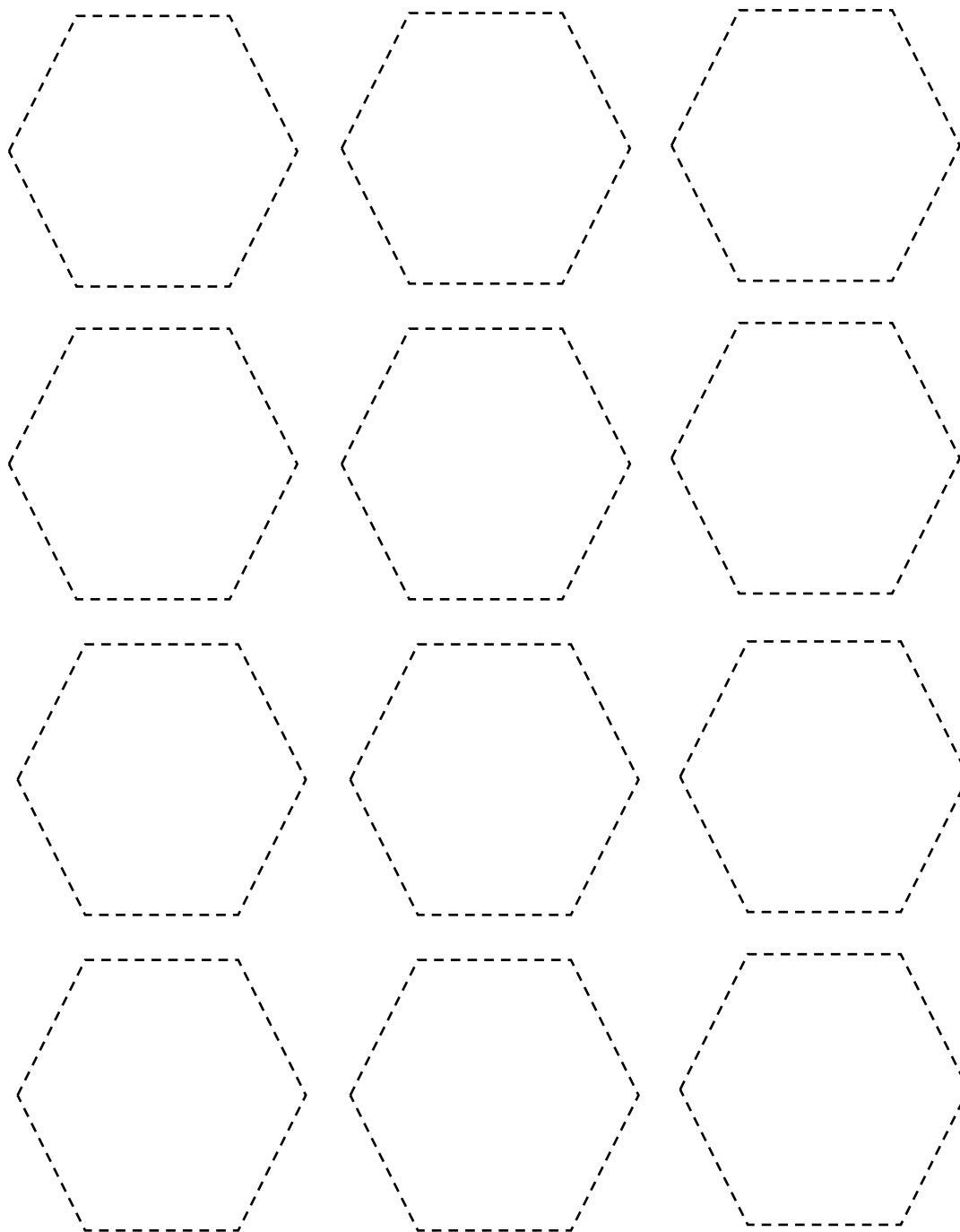
One bee can visit more than 2,000 flowers a day.

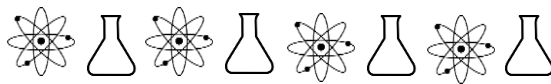
Queen bees can lay up to 2,000 eggs in a day.



Bee Hive

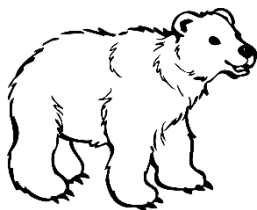
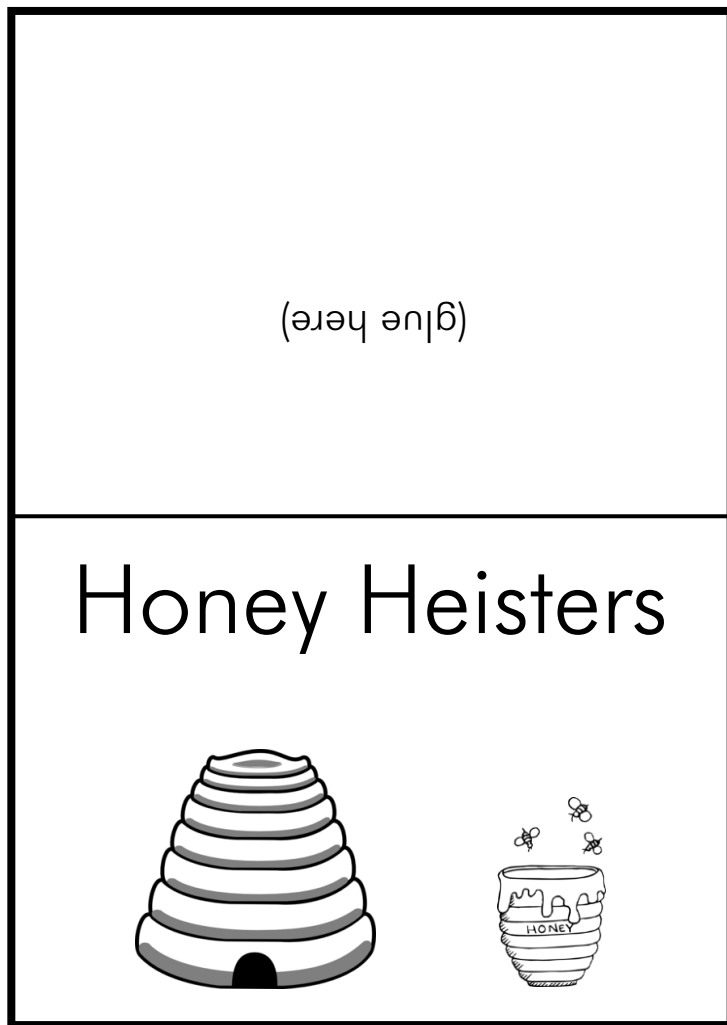
Trace, color, and cut out the hexagons. Glue them together on another piece of paper, all touching like a honeycomb.





Honey Heisters

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.



bears



humans



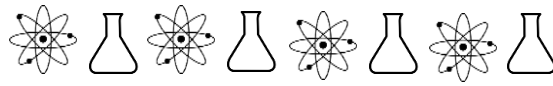
skunks



wasps

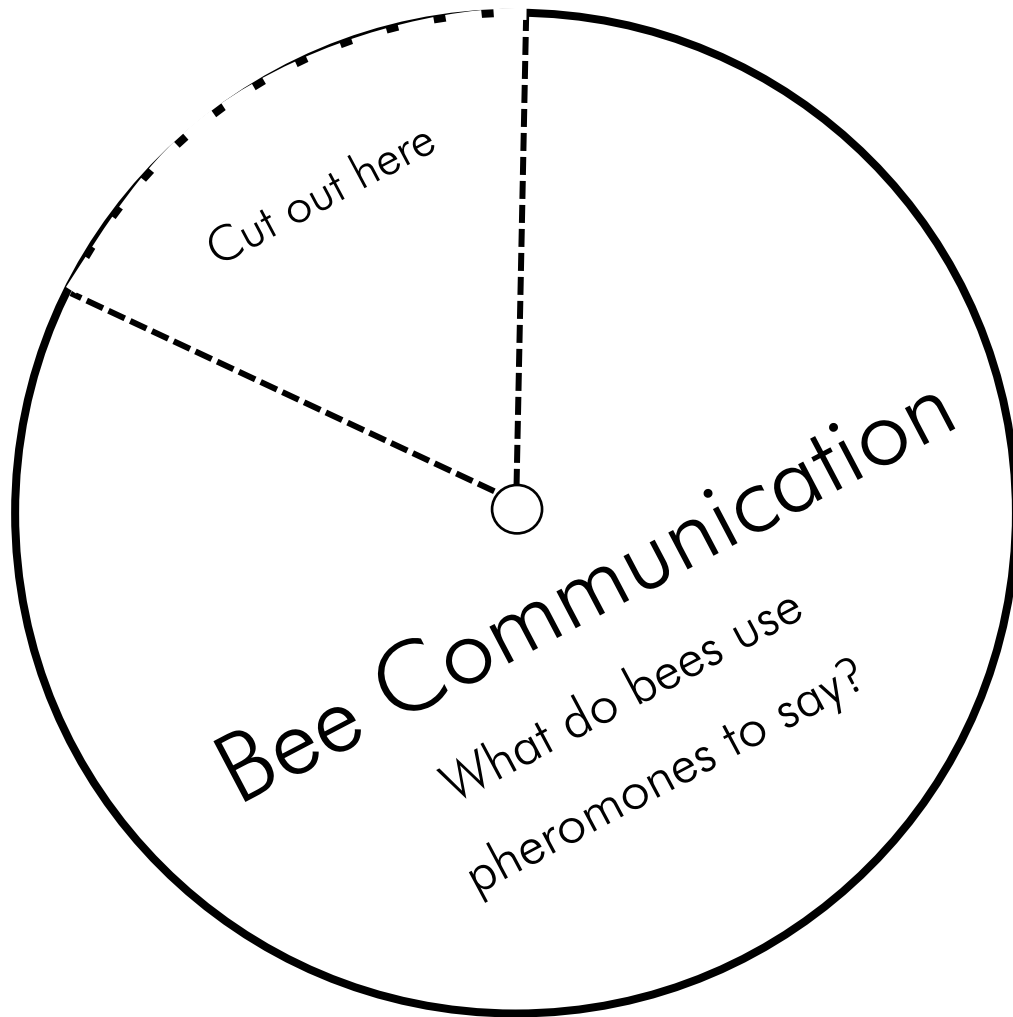


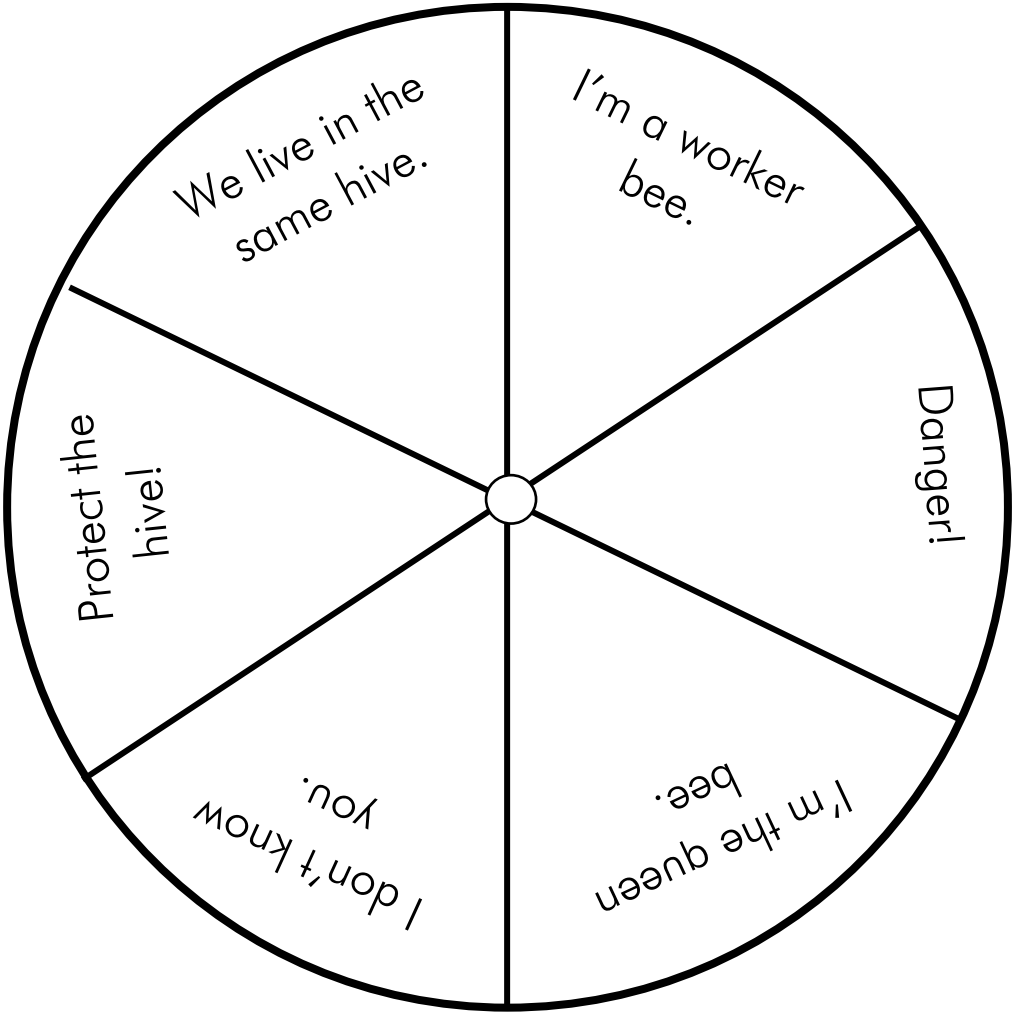
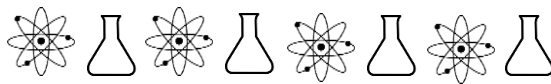
bees from
other hives



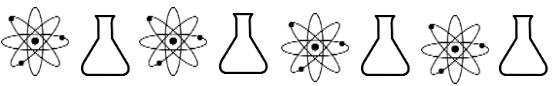
Bee Communication

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.



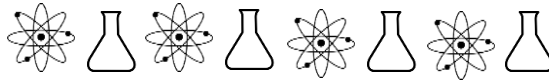


Cut out the rectangle as one piece. Fold the left side in (on the line at A), and fold the right side in (on the line at B). Cut on the dotted lines so that the 5 sections are strips you can open to the fold. On the inside (opposite “glue here”), write or paste what each bee dance means.



Bee dances

Round dance	<div>A ←</div> <div>(glue here)</div> <div>→ B</div>	<h1>Bee Dances</h1> <p>The illustration shows three bees. One bee is performing a round dance in a circle. Another bee is performing a waggle dance, moving in a figure-eight pattern. The third bee is performing a tail-wag dance, moving in a zig-zag pattern. They are all near a cluster of flowers.</p>
Waggle dance		
Waggle dance up		
Waggle dance right		
Waggle dance left		



Round dance:

Tells bees a food
source is near the hive

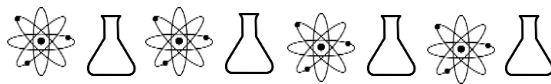
Waggle dance:

Tells bees a food source
is far from the hive

Tells workers to fly
toward the sun

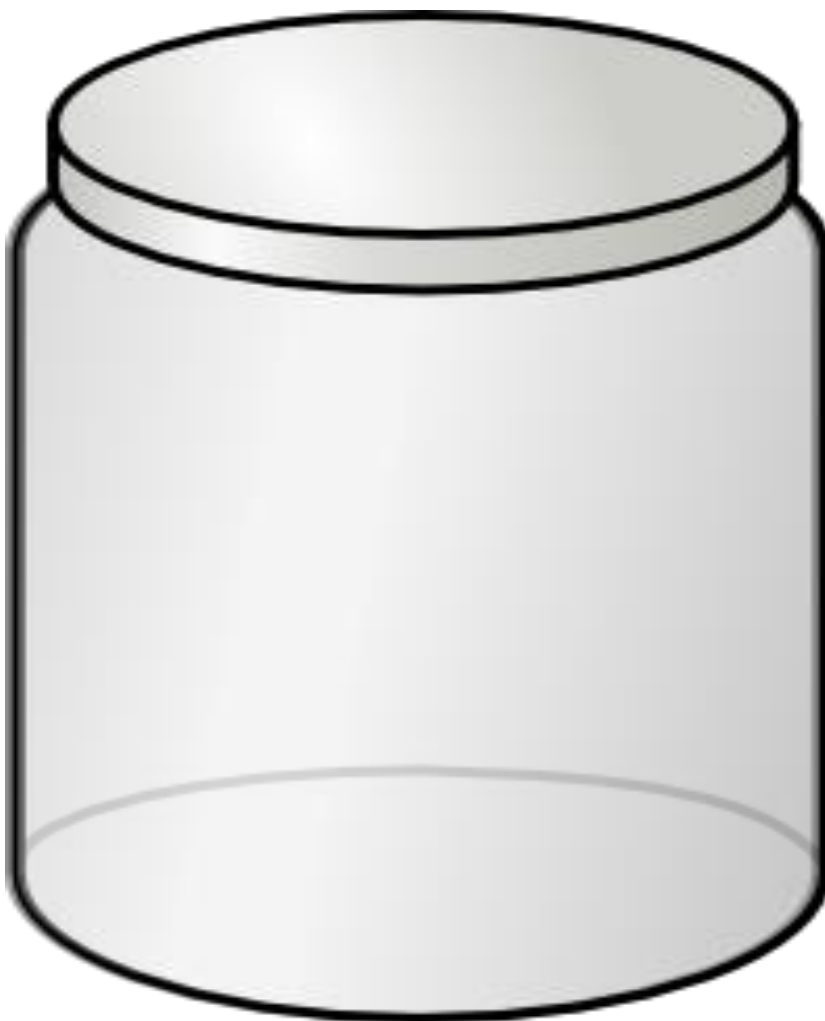
Tells workers to fly to
the left of the sun

Tells workers to fly to
the right of the sun




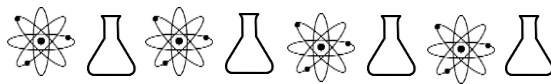
Honey

Put the honey facts into the honey jar.


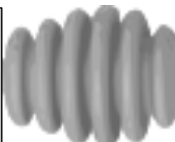


Bees suck nectar out of flowers
using their proboscises


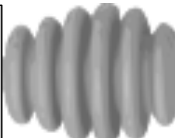
They return to the hive and pass
the nectar to other bees




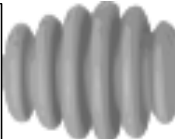
House bees chew the nectar for about 30 minutes




Worker bees spread the nectar all over the honeycomb to dry

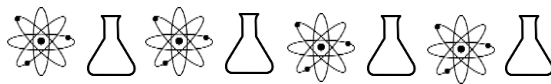


Bees fan the nectar with their wings to help it dry faster



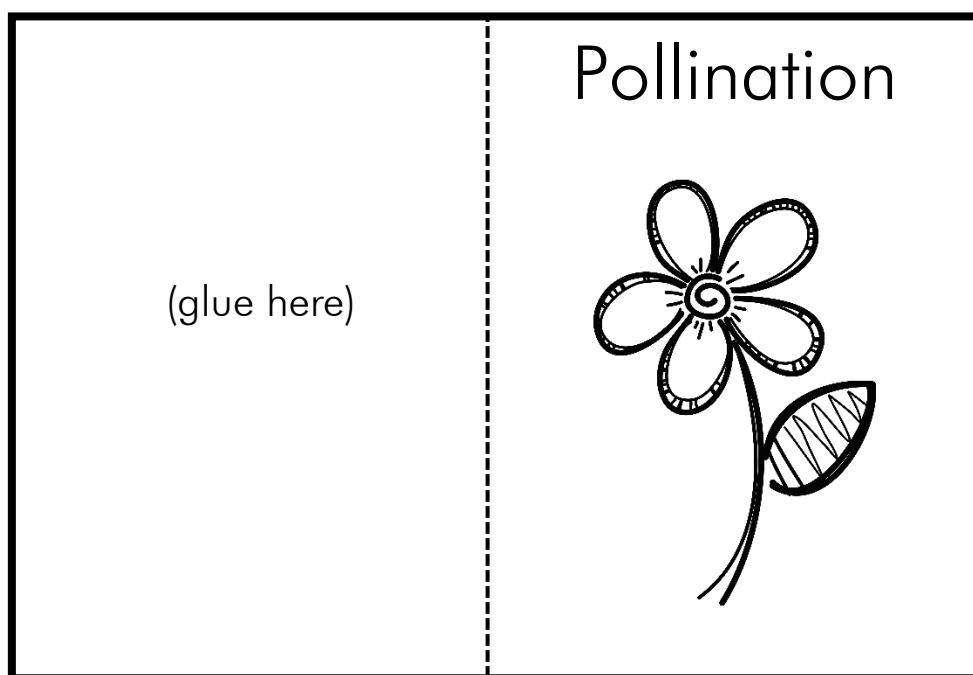
When honey is ready, the bees plug the honeycomb with wax

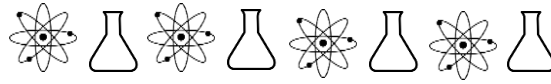




Pollination

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.

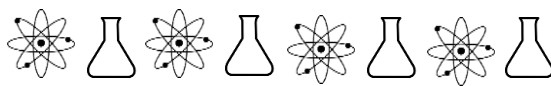
(glue here)

What is
royal jelly?



Who eats
it?





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.

