



# BEES & HONEY



Honey bees are social insects. They depend on one another for survival. Bees live in groups called colonies. The queen bee is the leader of the bees.

Bees make honey from nectar. Nectar is a sweet liquid found inside flower blossoms. Bees pollinate flowers as they fly from one to another, gathering nectar. Pollen is sticky and clings to the honey bee's body. When the bee flies to the next flower, the pollen will rub or fall off. Worker bees collect the nectar and carry it to the colony in pouches within their bodies. These pouches are often called the honey sac.

A colony of bees makes 200 to 300 pounds of honey in a year. Honey bees are the only insects who produce food eaten by humans. Honey is the only food which doesn't spoil.



Honeycomb is cut open to get the honey.

Honey bees do a "waggle dance" to tell each other where to find food.



About 8 million pounds of beeswax is used in the US each year. Beeswax is used to make candles, lipsticks, lotions, shoe polish, crayons, chewing gum, and floor wax.

## Honey Peanut Butter Cheerio Bars

- 1/2 cup honey
- 3/4 cup peanut butter
- 3 cups Cheerios



Line 8"x8" pan with aluminum foil and set aside. Cook honey and peanut butter over medium heat, stirring until completely melted and blended. Remove from heat and stir in cereal. Mix until evenly coated. Place mixture in prepared pan and press in place. Refrigerate for 1 hour before cutting into bars. Cut into preferred size and enjoy!



## 'Busy as a Bee'

What type of expression is 'busy as a bee'?

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Why?

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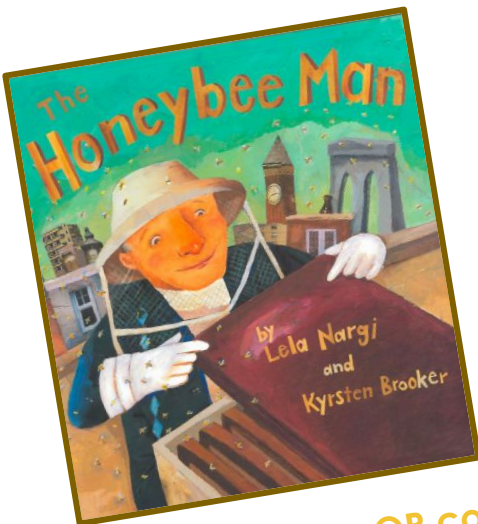
What does it mean when a person is as 'busy as a bee'?

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## READING CONNECTION



Scan the QR code to listen to *The Honeybee Man* read by Rose Bonjour.



Bees protect themselves by stinging and by building hives in hidden places.



### ACROSS

2. What kind of insect makes food humans eat?
5. The leader of the bees is called the \_\_\_\_\_.
8. What is cut open to get the honey?
9. What is collected from bees for humans to eat?
10. Bees \_\_\_ is used to make candles.

### DOWN

1. Bees live in a \_\_\_\_\_.
3. Bees protect themselves with a painful \_\_\_\_\_.
4. Bees rest in the fall. \_\_\_\_\_ is a synonym for fall.
6. Bees collect food from \_\_\_\_\_.
7. What do bees collect from flowers to turn into honey?

### Build a Beehive

Materials: play dough, straws cut into 4" pieces

Construct hexagons with the straws using play dough as a bonding agent. Try to connect the hexagons together to form a honeycomb hive!

