

facts

A colony of honey bees usually has one queen bee.

Honey bees help to pollinate flowers as they gather nectar to make honey.

Honey bees build a hive to live in

opinions

Honey bees are scary.

It is fun to watch honey bees.

I think it is important for us to learn about honey bees.

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Honey bees have four life stages: egg, larva, pupa and adult.

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Male bees don't have stingers.

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Most of the bees you see flying outside of a hive are called worker bees.

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Bees are the only insect that provide food for humans.

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It is surprising how many eggs a queen bee can lay in a day.

The buzzing sound bees make is so loud!

Many people enjoy raising honey bees.

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Honey bees work so hard!

thorax

the middle section of
an insect's body

abdomen

the final section of a bee, it includes
the organs used for digestion,
respiration and circulation

mandible

the bones that make the jaw

pollen basket

a sac-like formation on the legs of a
bee, it is where bees store pollen as
they travel back to the hive

swarm

a large number of worker bees, drones and the old queen that leave the hive to make a new colony

royal jelly

made by young bees, used to feed the queen and the larvae

scout bees

worker bees that search for pollen sources, water or a new home

larvae

the second stage a bee goes through, it is a white and legless grub

pupa

the third stage of a bee's life

pollen

produced by flowers, it is collected
and used as food for the bees

queen

a female bee who is larger than the
others, her job is to lay the eggs

honeycomb

built by honey bees in their
nests, it holds larvae and stores
honey and pollen

colony

all the bees living together in one hive

beeswax

the final section of a bee, it includes
the organs used for digestion,
respiration and circulation

beehive

where a colony of bees live

drone

a male honey bee

You should write honey bee as two words, not one!
Other bees are the bumble bee and sweat bee.

Colonists first brought honey bees to America from Europe in the 1620s. This means that they are not native to our country.

Honey bees use the honey they make as food in the winter.
They produce two to three times more honey than they need!

A queen bee can live up to five years! However, a worker bee will only live for five to six weeks.

Honey bees can fly short distances very fast! They can fly between 15 and 20 miles per hour. When carrying pollen home, they might be a little slower and travel about 12 miles per hour.

Worker bees are busy bees! They can visit up to 2,000 flowers in a single day. Some travel 500 miles during their short lives.

Honey bees have four stages to their life cycle.
The stages are: egg, larva, pupa and adult bee.

Only female worker bees have stingers. When a bee stings, the stinger and venom sac are torn from the bee's abdomen. The bee will then die.

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Name: _____

Should we save the honey bees?

Many people say that we should be working to save honey bees. Did you know that today there are more honey bees on our planet than there have ever been before?

Honey bees do help pollinate crops but there is more to this story about saving honey bees. Can you research to find out more to share?

Here's what I learned...

Save the Bees!

Our world needs pollinators. Pollinators are insects, birds or other animals that carry pollen from flower to flower as they travel to feed on nectar from the plants. When they do this, they pollinate the flowers. Pollinators are needed to help grow fruits, vegetables and other plants. Without them, many of the foods we eat would not grow.

Bees are important pollinators. There are many types of bees - some are native to our country and others are not. Native means that they have always been here. It is most important that we work to save the bees that are native to the area.

Honey bees are a type of bee that is not native to America. They were brought to our country from across the ocean by settlers. Today people often say that we need to save the honey bees. They do important work. However, they are not in danger of becoming extinct right now. This is because most honey bees are managed by beekeepers. They can also be found all over the world. It is important that beekeepers are educated so they know how to take care of the bees.

There are two types of native bees that are considered endangered in America. They are the rusty patched bumblebee and the yellow-faced bee. Other bees might also become endangered in the future if we do not work to protect them.

How can you help save the bees? If you are planting a garden, you can choose plants that pollinators such as bees and butterflies like. Another thing that can harm bees are pesticides. When you plant a garden full of pollinators, be aware of what you are putting on your plants. Some bees also lose their homes when forests are cut down. Natural disasters can also destroy where they live.

Name: _____

Honey Bees

What have you learned about honey bees? Fill the page with words and pictures.

