

Pollinators Help Us Have:

Honey



Bees are pollinators, and they make honey. A bee gathers nectar from a lot of flowers. Nectar is sugar water that flowers make. The bee takes the nectar to its hive. Then the bee uses its wings to move the air and dry up most of the water. What's left is honey!

Do you eat honey?

YES NO

Orange Juice

Oranges are just one of many fruits that need pollinators. Many vegetable plants need pollinators too. Trees, plants and flowers can't move around by themselves. Pollinators move pollen from flower to flower so that they can make seeds and fruit.

Do you drink orange juice? YES NO



Jeans

Most jeans are made with cotton. Some cotton plants are pollinated by bees!

Do you wear jeans?

YES NO



Cheese

Milk comes from cows. Cows eat alfalfa hay. Alfalfa needs to be pollinated!

Do you eat cheese?

YES NO



Ask MAXINE!



Question: I am glad we have pollinators. We need them! Is there anything I can do to help pollinators where I live?

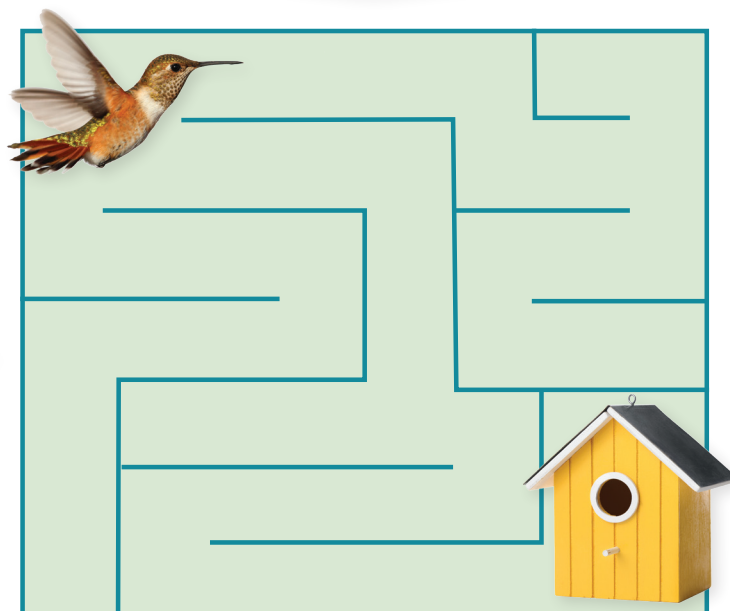
Answer: You are right; we all need pollinators. There are lots of things you can do to help them. You can:

- Put bird feeders and bird baths in your yard or on your deck.
- Plant native flowers in your yard or in pots on your deck.
- Make homes for birds, bats or bees. You can make them out of recycled items.

Maxine worked for NACD for 47 years. That's why we always ask Maxine.



Help the bird find the bird house you put in your yard.



Answer Key: Pg. 3: Circle Pollinators: hummingbird, beetle, fly, bat. Check Items: all of them



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Where would we
BEE
without Pollinators?



What is a Pollinator?

Hi! My name is Haley the Hummingbird. I am a **POLLINATOR!**

Pollinators are small animals like birds, bats, bees and bugs. We like to eat the **pollen** or nectar found in flowers.



Pollen is STICKY!!



If you look very close, sometimes you can see pollen. Pollen looks like tiny grains.

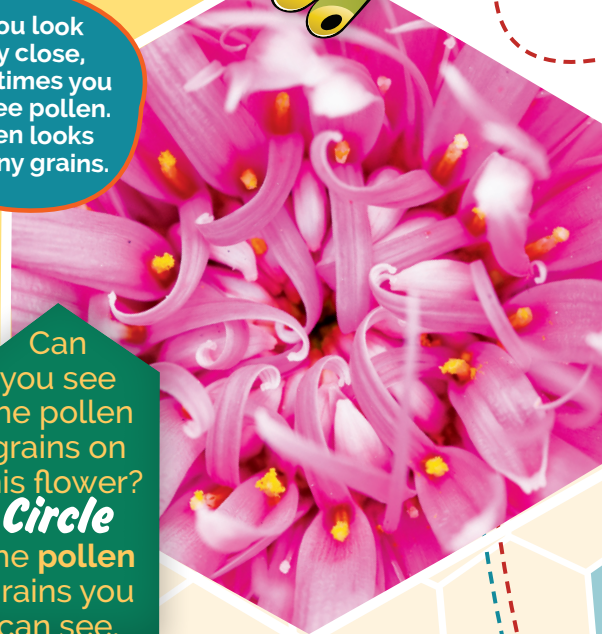
While we are eating, **pollen** gets stuck to our bodies. Pollinators move from flower to flower looking for food. We carry **pollen** with us.

This bee has a lot of sticky pollen on its body!



How many pollen grains can you count? _____

Can you see the pollen grains on this flower? **Circle** the pollen grains you can see.



Pollinators Are Hardworkers!

Hello there! I'm Harold the Hairy Honeybee... bzzzz...

and I am a **HARD WORKER!** Bzzzzz...

bzzzz... I can flap my wings **230** times every second. We honeybees have hair on our bodies. We carry a lot of **pollen** in our hair.

Some of us bees have **pollen** baskets on our legs. Bzzzzz... We stuff them as full as we can. I can carry my own weight in **pollen** and nectar, and still fly... bzzzzz... bzzzzz...

How much do you weigh? _____



Do you think you could carry that much food and still walk?

YES NO

Count how many times you can flap your arms in 1 second. _____



Can you see the pollen basket on the back leg of the bee?



What is Pollination?



Hi! I am so happy to meet you! My name is Bob the Busy Beetle.

I am a **POLLINATOR**! What is your name?



Pollination is a very important job. It happens when **pollen** is moved from one flower to another. Flowers use this **pollen** to make seeds that grow into fruit. Since I move **pollen** around **YOU** have yummy fruits like apples and berries to eat!



Circle the animals that are pollinators



Since I work so hard to help you, can you help me? Please **Color me!**



Hello! I'm Becca the Butterfly,

Pollinators Are Heroes!

and I am a **HERO**! **Pollinators** are heroes because they do things to help us all day. **Pollinators** work to make sure that we have plenty of crops. A lot of our food comes from crops. **Pollinators** help us have healthy fruit and vegetables to eat. All of the plants that are **pollinated** give us air to breathe.

FUN FACT: Butterflies taste with their feet!

Put an **X** by each item you think pollinators help us have.

