

Bees are insects, related to wasps and ants. They live all over the world except Antarctica. There are more than 20,000 species, or types, of bee. The best-known kinds are honeybees and bumblebees. People have kept honeybees for their honey for at least 4,000 years. Honeybees also produce beeswax, which people use to make candles.

Adult bees range in length from about 0.08 to 1.6 inches (0.2 to 4 centimeters). They usually have short, thick bodies covered with hair. Most bees are black, often with yellow or brown markings. Like all insects, bees have six legs. They have two pairs of wings and five eyes. They also have mouth parts that act like a long tongue. Female bees also have a stinger. Male bees cannot sting.

Bees get all their food from flowers. This food consists of a sweet liquid called nectar and a dust-like substance called pollen. Honeybees change nectar into honey, which they feed to their young. Bees also gather pollen to feed their young. As they go from flower to flower, they spill some pollen. In this way bees perform a very useful task. When pollen spreads from one flower to another of the same kind it allows the flowers to make seeds and therefore to make new flowers.

Pollination is necessary for the growth of many different fruits and vegetables. Most farmers bring in large groups of bees for pollination. These bees are moved from farm to farm, all over the country, to pollinate crops.

Most kinds of bee live in small families. But some bees work and live together in large, organized groups called colonies. These social bees include honeybees and some bumblebees. They are divided into classes. Most of the females are workers in the colony. They gather pollen, build the nest, and take care of all the young. Each nest has one queen. Her eggs develop into females. The workers' eggs develop into males. Male bees, called drones, help the queen reproduce.

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Word of the week

Pollen:

Pollen is the substance that causes plants to form seeds. New plants, then can grow from the seeds. A grain of pollen is so tiny that it is best viewed through a microscope. Pollen travels in many ways. Wind, water, and animals can carry it. Many plants have fragrant or colorful flowers to attract birds or insects (especially bees). Some people have an allergic reaction when they breathe in pollen. They may sneeze, get a stuffy nose, or have itchy eyes.

Questions

1. Why are bees important?
2. Would you want to keep honeybees?
3. What is impacting the bee population?

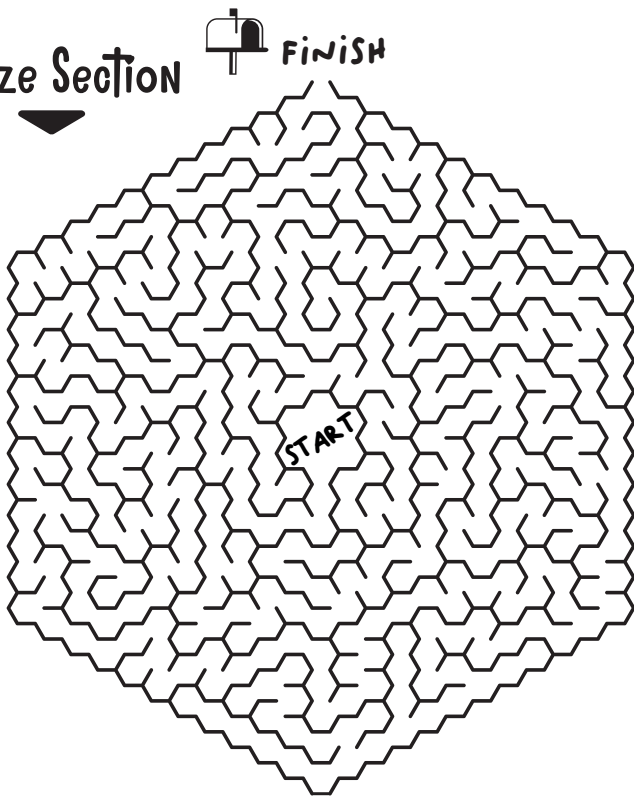
CAN YOU FIND THESE HIDDEN OBJECTS:



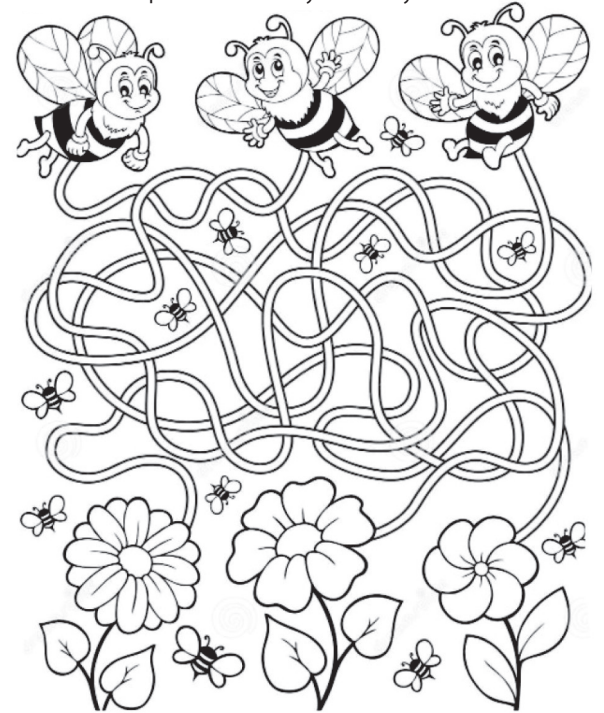
Activity Sheet



Maze Section



Follow the Path Section



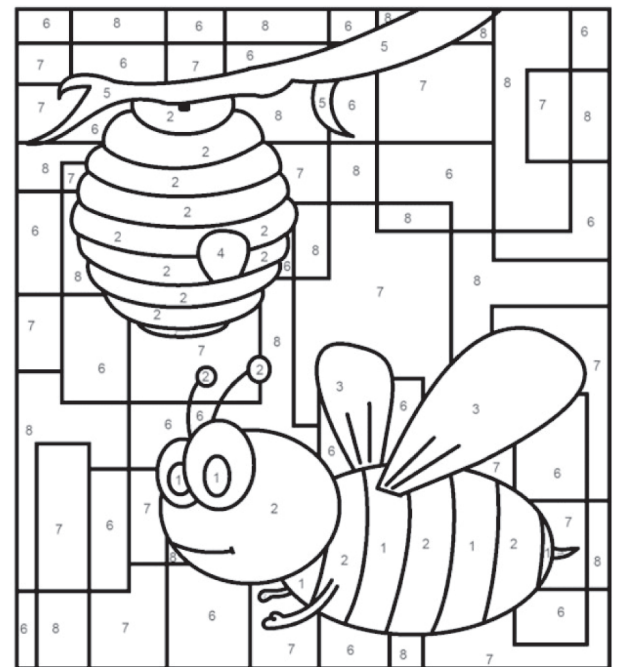
Connect each bee with their flower and color the picture. How many bees can you find?

Word Search Section

- BEE
- POLLEN
- INSECT
- HONEY
- QUEEN
- COLONY

H	D	R	X	J	S	Z	Z	N	K
E	A	S	D	A	M	H	I	V	Z
U	X	U	Z	X	X	B	J	G	F
Y	Q	C	L	J	S	C	E	J	C
Q	F	P	Z	I	Y	X	B	E	O
U	H	A	O	U	N	F	F	X	L
E	O	K	O	L	D	S	O	U	O
E	N	Y	V	W	L	Z	E	A	N
N	E	A	H	N	Z	E	Y	C	Y
O	Y	S	B	L	Y	L	N	T	T

Color by Number Section

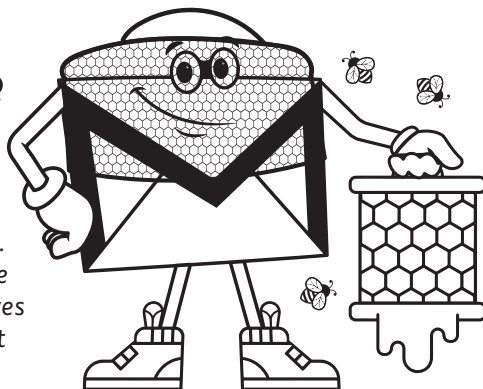


1	2	3	4
BLACK	YELLOW	GRAY	DEEP BROWN
5	6	7	8
BROWN	PINK	RED	LIGHT GREEN

Captain Mail Attainable Super Power

Conservationist

A conservationist is someone who works to protect the earth. Like bees, some things on earth need protection. What are some ways you can help the earth each day? Captain Mail conserves energy by always turning off the light when he leaves a room.



Song of the Week



Nikolai Rimsky-Korsakov
The Flight of the Bumblebee

Enrichment Activity

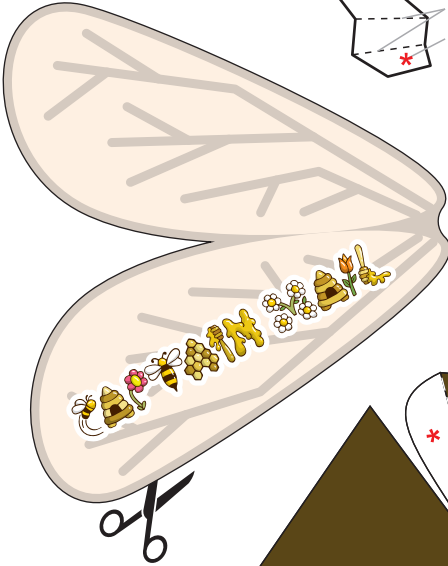
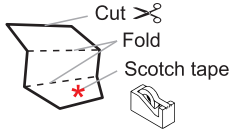
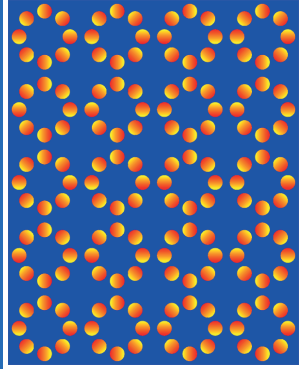
Help the bees!! Bees are very important to our ecosystem. Some people might be scared of bees because they can sting. Put together a poster that describes why bees are important and how we can help them. Present your poster to your friends and family so they can learn about bees too.



Paper Craft 3D Toy

The rings appear to rotate.

Swarming Bees



JOKE OF THE WEEK:

Q: What type of haircut do bees get?
A: Buzzcuts!

Bees



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Hello Young Heroes,

Captain Mail buzzing in with excitement to introduce you to the incredible world of bees in our Bees theme packet. Get ready to don your imaginary bee wings and join us on a journey into the lives of these tiny yet amazing insects.

Imagine a world where insects work together in organized communities, creating sweet treasures and helping plants grow. That's the enchanting world of bees! Bees are part of the insect family, just like wasps and ants. They live all over the world, except in chilly Antarctica. With over 20,000 different bee species, it's like a buzzing carnival of diversity out there. The most famous among them are honeybees and bumblebees. Did you know that humans have been keeping honeybees for their golden honey for thousands of years? These bees also gift us with beeswax, which helps create lovely candles.

Now, let's take a closer look at these fascinating creatures. Bees come in various sizes, from teeny-tiny to just about the length of your thumb. They usually wear a coat of hair on their bodies, and most of them are black with hints of yellow or brown. Just like us, they have six legs and two pairs of wings, but guess what? They boast five eyes! And if you're wondering how they enjoy meals, well, they have a special mouthpart that acts like a long straw.

Bees are true flower lovers! They get all their food from flowers, like a sweet liquid called nectar and a powdery thing called pollen. Honeybees are little alchemists, turning nectar into the delicious honey we enjoy. They also collect pollen, and while they're busy buzzing from one flower to another, they accidentally spread pollen around. This helps flowers make seeds and grow into new blooms – like magical gardeners!

Speaking of magic, bees play a vital role in pollination, a process that helps many fruits and vegetables grow. Farmers even bring bees to their fields to help with this important task. Some bee families are small, while others are big, bustling colonies with organized roles.

Honeybees and some bumblebees are social insects. Within their colonies, you'll find queens, workers, and male bees called drones. These bees work together like a team, gathering pollen, building nests, and taking care of the young.

So, dear adventurers, are you ready to explore the secret lives of bees? Inside this packet, you'll uncover bee-tastic stories, fun activities, and become bee experts in no time.

Let's dive into this magical world, where bees and flowers dance together to create wonders!

Are you excited to embark on a journey filled with buzzing wonders and sweet discoveries?

Your friend and sidekick,
Captain Mail



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JOKE OF THE WEEK - SHARE IT WITH FRIENDS

