

Disappearing Bees

It's a problem that has the agriculture world buzzing!



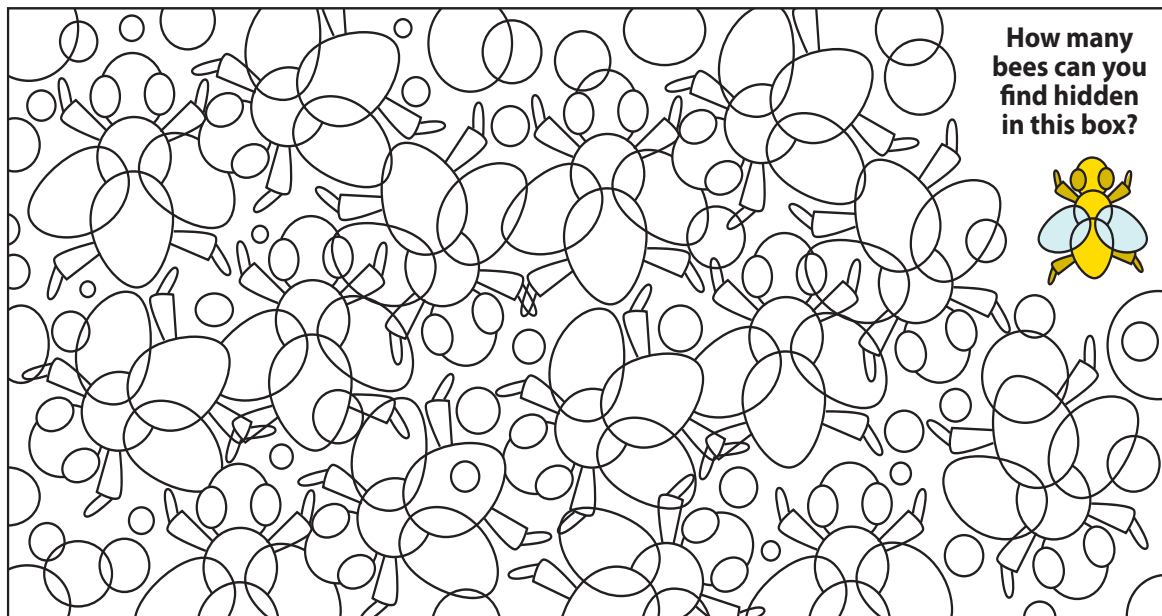
Are you interested in bees and insects? Then you might want to become an **entomologist**. They study insects and are working hard to find a solution to the problem of disappearing bees.

some hives. Diseases and pesticide poisoning also cause hives to empty. Entomologists call this **colony collapse disorder**.

Bees are disappearing in large numbers. Scientists have discovered that tiny mites attack

Our plants and crops need bees to pollenate and produce seeds. Scientists and beekeepers are all working hard to find solutions.

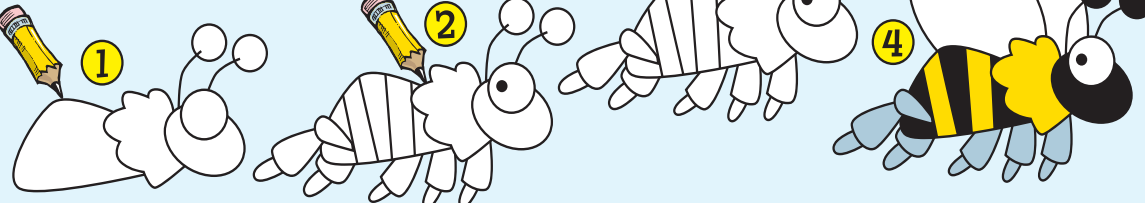
Standards Link: Life Science: Students know ways in which organisms interact and depend on one another in an ecosystem.



How many bees can you find hidden in this box?

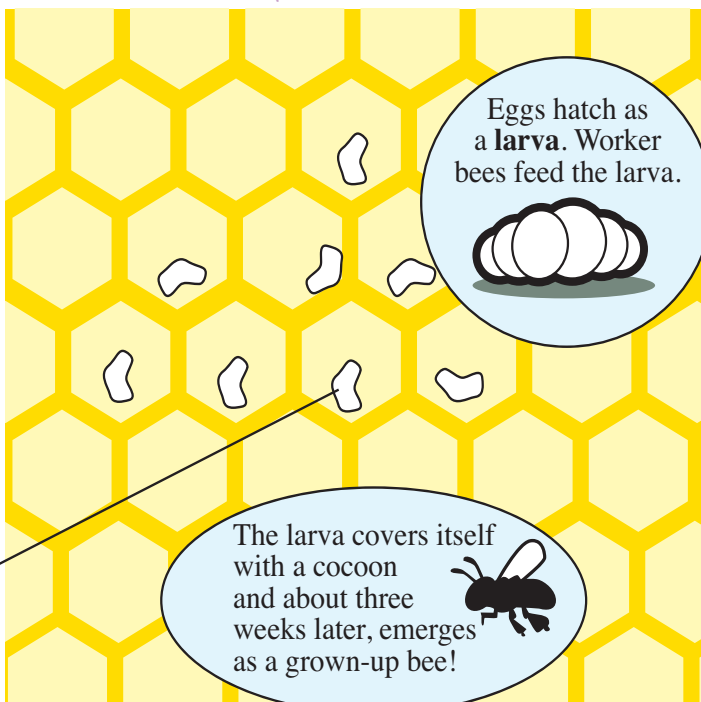
Let's Draw It!

Follow these easy steps to create a honey of a drawing!



Inside the Hive

A honeybee hive is made of **honeycombs**. A honeycomb is a large sheet made up of six-sided wax boxes called **cells**. There are thousands of these cells in one hive. The little cells are used as both nurseries for young bees and storage for honey and pollen.



The queen bee lays eggs in the cells near the middle of the honeycomb.

The larva covers itself with a cocoon and about three weeks later, emerges as a grown-up bee!

Standards Link: Science: Students know that animals progress through life cycles; life-cycle details are different for different organisms.

Who cares if bees disappear?

Everyone should! When honeybees travel from blossom to blossom, they also spread pollen. This makes it possible for a plant to produce seeds or fruits. Bees play an important role in agriculture, helping in the production of about one-third of the foods we eat.

What can be done to help?

While scientists are working hard to learn how to stop colony collapse disorder, beekeepers are starting more hives to help bees survive.

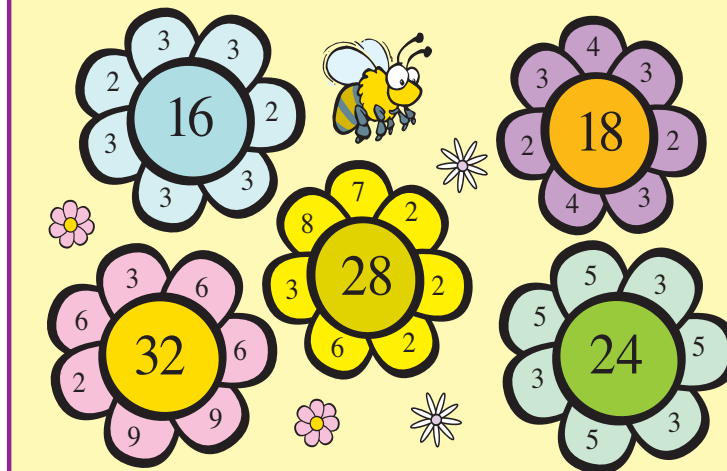
Extra! Extra! Scavenger Hunt

Agriculture is the growing of crops. List the names of as many different crops as you can find in the paper. Which crops need bees to pollinate their blossoms?

Standards Link: Science: Living things are found almost everywhere in the world and distinct environments support the life of different types of plants.

Kid Scoop Puzzler

The numbers on the flower petals add up to the number in the center of the flower. *Oops!* All but one, that is! Figure out which petal on each flower needs to be plucked so that the numbers on the petals add up to the center number.



Standards Link: Number Sense: Solve problems involving addition and subtraction.

Double Double Word Search

- HIVE
- HONEYCOMBS
- HONEYBEES
- SURVIVE
- BEEKEEPERS
- LARVA
- BLOSSOM
- POLLEN
- COLONY
- SEEDS
- CELLS
- HATCH
- HELP
- HUNT
- EGGS

Find the words in the puzzle. How many of them can you find on this page?

S B M O C Y E N O H
 E H I E N A H T O N
 E V L O V A S N S E
 D L L R T I E U G L
 S O A C E Y V H G L
 C L H M B Y I R E O
 S T H E L P H E U P
 B E E K E E P E R S
 R S Y M O S S O L B

Standards Link: Letter sequencing. Recognized identical words. Skim and scan reading. Recall spelling patterns.

What a Character!™

Hard work is ...



... admired by everyone.

Kid Scoop VOCABULARY BUILDERS

This week's word: **COLONY**

One meaning of the noun **colony** is a group of insects living together.

There can be 60,000 bees living in one **colony**.

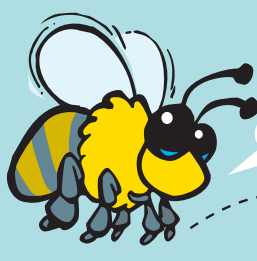
Try to use the word **colony** in a sentence today when talking with your friends and family.

FROM THE LESSON LIBRARY

Spelling Bee

Using one page of today's newspaper, find and circle the letters that spell the words in your weekly spelling list. Or, find and spell ten words from today's Kid Scoop page.

Standards Link: Spelling: Use conventions of spelling; spell grade-appropriate words correctly.



What kind of bees hum and drop things?

ANSWER: Fumble bees.

Write On!

What's the buzz?

Some people ask, "What's the buzz?" when they want to know what's the latest thing people are discussing. What is the "buzz" in your school or community?

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