

a Bite-Sized Book



# Elise & Miles

Meet the Honeybees



BY JOSH LEWIS

THIS *a Bite-Sized Book* BELONGS TO

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# *Elise & Miles*

## Meet the Honeybees



BY JOSH LEWIS

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Designed by Josh Lewis. Text set in Mr Eaves Sans XL and Rift Soft. Illustrations were created in Procreate on an iPad Pro with digital gouache brushes from RetroSupply Co.

[joshjlewis.com](http://joshjlewis.com)

Elise and Miles were making  
peanut butter and honey sandwiches  
—their favorite lunch!



But there  
was one problem.



They were down to  
their last drop of honey.

**OH NO!**

Just then, Miles spotted a honeybee drinking nectar from inside a flower.



Honeybees make honey.

Quick, to the Shrinker.  
Follow that bee!

This isn't going  
to be easy!



Elise and Miles flew to  
the bee hive to collect  
more honey.

When the kids landed at the entrance of the hive, they were greeted by guard bees.

Now what?

Give them that last drop of honey! They'll let us in... but only for a little bit.



As soon as they entered inside, the queen gave Miles a to-do list.



So the kids got started by making honeycombs...



And then helped feed bee bread to the larva babies—with a game of airplane.



Next, Miles collected the nectar from the worker bees...

While Elise dumped it into the honeycombs.



And everyone pitched in to dry the nectar until it became honey.



Finally, the kids capped the honeycomb with beeswax.

*Bees really are busy!*

After a little clean up, the queen gave Elise a gift of honey...



And then joined them in their celebration. Making honey was hard work, but working together made the reward that much sweeter.

*Long live the Queen!*



# IT TAKES A HIVE

—ABOUT 60,000 HONEYBEES TO BE EXACT.

In each beehive, one queen rules an entire colony of thousands of worker bees and hundreds of drone bees. It takes each bee doing their part to make their sweet reward of honey.

**1 TEASPOON** The amount of honey 12 bees make in their lifetime.

## QUEEN

FEMALE

**LIFESPAN:** 5 years

She is the largest bee in the hive. She gives a calming presence that makes the bees work together.



## WORKER

FEMALE

**LIFESPAN:** about 40 days

These bees do all the work inside and outside the hive.



## DRONE

MALE

**LIFESPAN:** a few weeks

Their only job is to help make babies. They get pushed outside the hive in the fall.



# THE MANY JOBS OF THE WORKER BEE

## SCOUT BEES

explore the neighborhood for flowers and other food. She then reports back to the hive.



**FORAGER BEES** collect nectar, pollen, or water to bring back to the hive.



## FORAGER BEES

### OUTSIDE THE HIVE

## GUARD BEES

stand watch for any intruders. She also warns the hive of any other danger.



## NEST BEES

### INSIDE THE HIVE



**COURT BEES** feed, clean, and take care of the queen—all from within antennae distance from the queen.

**BUILDER BEES** make new honeycombs to store honey, pollen, and larva.



**FAN BEES** dry the honey with their wings. Each hive has a unique hum.

**NURSE BEES** feed the larva bee bread, a mixture of pollen and honey.



**CLEANING BEES** clean up spilled honey and trash around the hive.



## THAT'S HOW HONEY IS MADE!

—with a little help from thousands of our newest bee friends.

Wait, honey is just bee barf?!



...and it's delicious!



**Josh Lewis** is an illustrator and graphic designer for children. He is the illustrator of *The Giving Farmer* and *The Saving Farmer* published by David C. Cook and *Exploring The Cosmos* published by Orion Telescopes and Binoculars.

[joshjlewis.com](http://joshjlewis.com)

 **BEE 901 CO.**

Special thanks goes to Bee 901 Co. for all the bee facts. See how their life-changing honey makes a difference in their community of Memphis, TN.

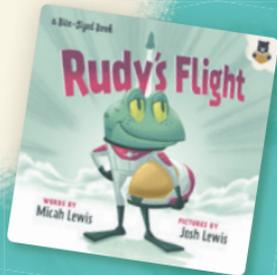
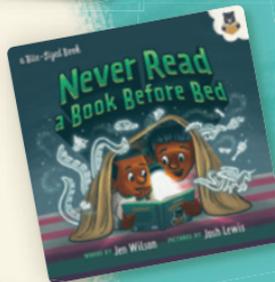
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## a Bite-Sized Book

Quick stories for children.

A Bite-Sized Book is a personal project by illustrator Josh Lewis. Follow these stories and their development on Instagram.



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