

# April 2025 Kids' Titles

LISA HARVEY-SMITH

**QUARKS,  
SPARKS and  
QUANTUM  
MYSTERIES**

A COSMIC GUIDE TO  
THE BUILDING BLOCKS  
OF OUR UNIVERSE

thames  
& hudson

ILLUSTRATIONS BY  
AIDAN RYAN

LISA HARVEY-SMITH

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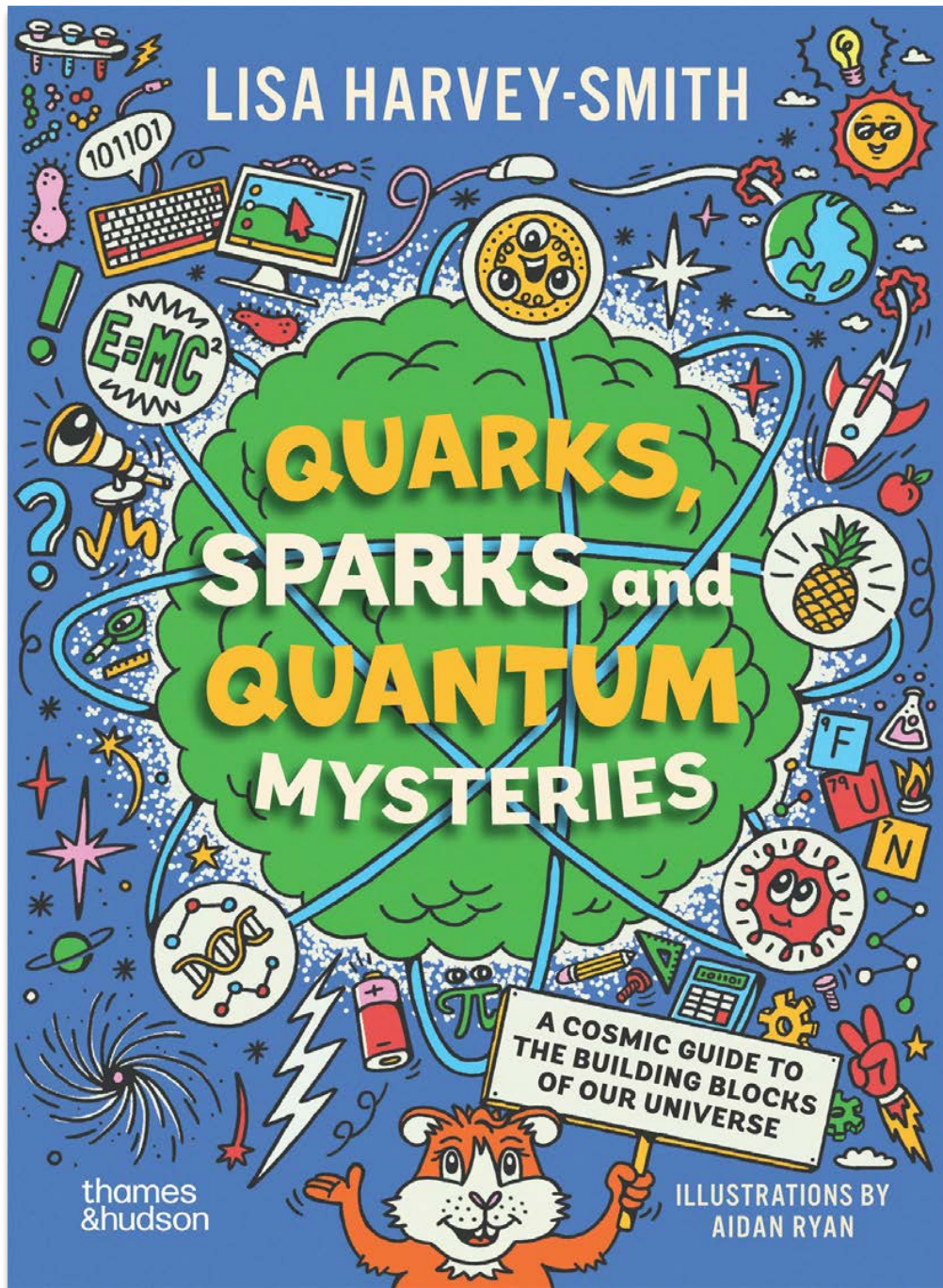
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# Quarks, Sparks and Quantum Mysteries

## A Cosmic Guide to the Building Blocks of our Universe

Lisa Harvey-Smith (illustrated by Aidan Ryan)

A fun and fascinating introduction to quantum physics and the mysteries of our universe.

- With fantastic illustrations by Aidan Ryan, *Quarks, Sparks and Quantum Mysteries* reminds us that the scientific truth is often stranger than fiction.
- Why does the bizarre behaviour of tiny particles in the quantum world bamboozle us? How can objects on opposite sides of the universe be connected?
- Meet the invisible forces that guide everything from the smallest atom to the shape of the cosmos. Travel through the galaxies to discover black holes, gravitational waves and so much more with award-winning astrophysicist Professor Lisa Harvey-Smith.

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128 Pages

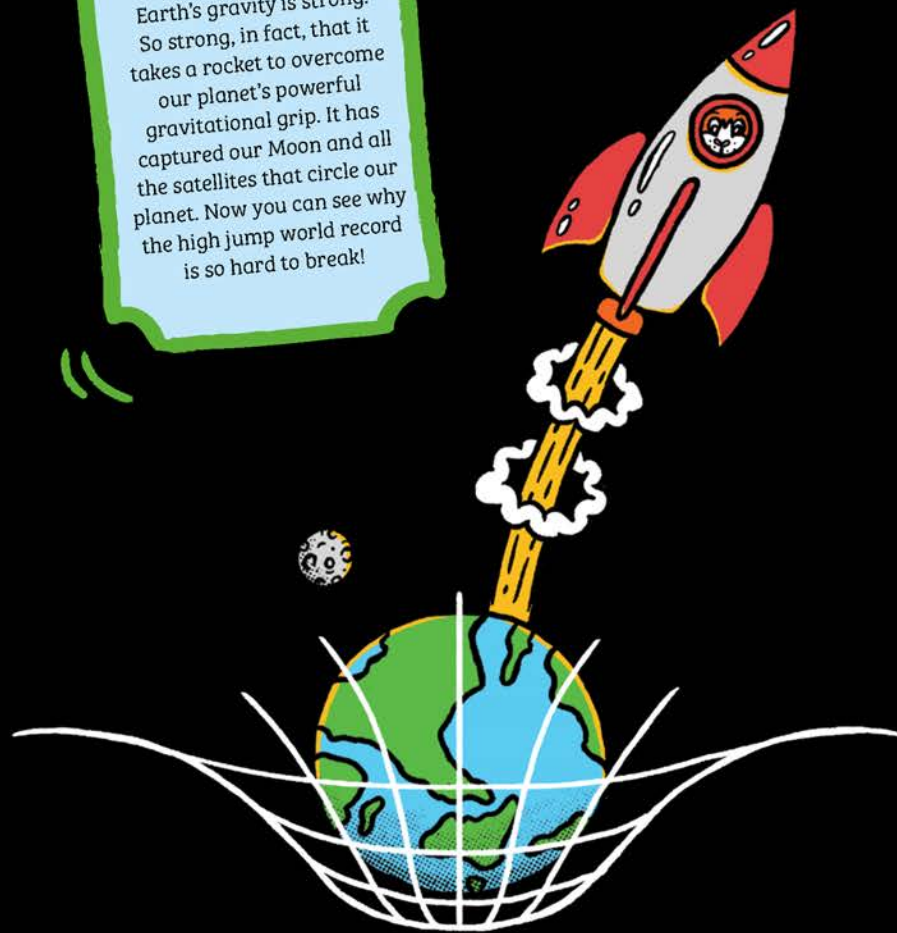
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### COSMIC FACT

Earth's gravity is strong. So strong, in fact, that it takes a rocket to overcome our planet's powerful gravitational grip. It has captured our Moon and all the satellites that circle our planet. Now you can see why the high jump world record is so hard to break!



## Gravitational lensing

The fact that objects bend space itself is pretty weird, but it does help to explain a few freaky facts that we astrophysicists notice when photographing deep space.

When we use powerful telescopes to take pictures of distant galaxies, the galaxies are sometimes distorted into bizarre streaks, rings or warps. We sometimes even spot the same galaxy multiple times in the same picture! Super weird!

These cosmic distortions happen when something really heavy, like a cluster of galaxies, bends the space around it. We call this bent part of space a *gravitational lens*. If space is curved, so is the path of the light around it. This can create peculiar images, rings and smudges when we look at an object that lies behind the gravitational lens.

### COSMIC FACT

You can see for yourself how gravitational lenses work by using a magnifying glass or a pair of glasses. Move the lens around at different distances and angles to this page and watch the words get all distorted.



10

**White holes,  
WORMHOLES,  
and  
exotic stars**





## Gravitational waves

Another outcome of bendy space is *gravitational waves*: ripples in space caused by objects speeding up, slowing down or changing direction. We also create gravitational waves when we move, but these disturbances are so incredibly tiny that we don't notice them.

The gravitational waves we can measure are caused by heavy things like black holes or pulsars. When 2 black holes spin around one another in space, they create gravitational waves that fly off at the speed of light, sending a tiny ripple in all directions that disturbs everything in its path.



Whether it's colossal stars, galaxies or planet Earth, everything is riding these space ripples, like boats bobbing up and down on ocean waves. We don't notice the movement because it's minuscule – a strong gravitational wave shifts things by a thousandth of the width of a proton (which is 0.0000000000000084 metres wide).

Although this distance is unimaginably small, we can measure it using a gravitational wave detector.

This clever machine uses laser beams reflecting off mirrors to measure incredibly tiny movements as the gravitational wave passes through.

There is still a lot we don't know about gravity, but going on what we've learnt already about its truly bizarre effects, it's going to be a wild ride finding out!

How high can you leap?

In 1993, the Cuban athlete Javier Sotomayor set a new world record by jumping over a bar that was set 245 centimetres above the ground. That's as high as a volleyball net! Find a ruler or measuring tape and see how high 245 centimetres is. Can you imagine soaring through the air like that?

The reason it is so hard to jump that high is an invisible force called **gravity**. It's the same force that makes Earth orbit the Sun, sucks stars into black holes, and creates the vast sea of gravitational waves that ripple across our universe (more about that on page 80).

As with the other forces we met in Chapter 6, scientists try to understand how gravity works so we can know more about the force that shapes planets, moons and pretty much everything else in our universe. Plus, if we can fully understand gravity, maybe we can invent cool things like anti-gravity boots or experience what it is like to float weightless here on Earth! Although we still don't have a perfect explanation of gravity, we've gotten some pretty awesome insights that have helped us to build fairground rides and roller-coasters, send robotic spacecraft to distant planets, and even land people on the Moon!



## Gravity acts on anything with mass

Mass is the amount of 'stuff' that an object contains. The lightest particle we know is the up quark. 3 million trillion of them would weigh 1 kilogram – that's the same as a bag of flour. The mass of a car is around 1000 kilograms. The mass of Earth is a whopping 5.9 trillion trillion kilograms. All these objects create a gravitational pull that depends on their size. The greater the mass, the stronger the gravitational pull.

## Where does mass come from?

In the 1960s, scientists started thinking that the universe may be filled with an invisible field of energy that they called the Higgs field (named after Peter Higgs, one of the scientists). The idea was that this Higgs field creates particles called *Higgs bosons*, which quickly pop in and out of existence. These are force particles, just like photons, gluons, and W and Z bosons.

This theory predicted that when a particle interacts with this invisible energy field, it gets a certain amount of mass, depending on what sort of particle it is. Without the Higgs field, nothing would weigh anything and all particles would fly around at the speed of light!

### COSMIC FACT

Mass and weight are not the same thing. On Earth, we often talk about how much something weighs, but weight depends on where you are. On the Moon, you weigh about one-sixth of what you do here on Earth. That's because the Moon is so much smaller than Earth, so its gravitational pull is also smaller. Your mass never changes because it is a universal measure of how much 'stuff' you have in your body.



In 2012, the Higgs boson was finally proven after a 48-year search. Scientists at the CERN (European Council for Nuclear Research) particle physics laboratory in Geneva, Switzerland, smashed protons together as hard as they could and studied the particles created by these collisions. They knew that if the Higgs field existed, about 1 in a billion collisions would create a Higgs boson. They smashed protons together for years – and eventually a few popped out! The Higgs bosons had exactly the properties – the mass, spin, charge and colour charge – that the scientists had predicted, which proved that the Higgs field really does exist.

## Down with gravity!

So now we know that mass comes from the Higgs field. But what exactly is gravity?

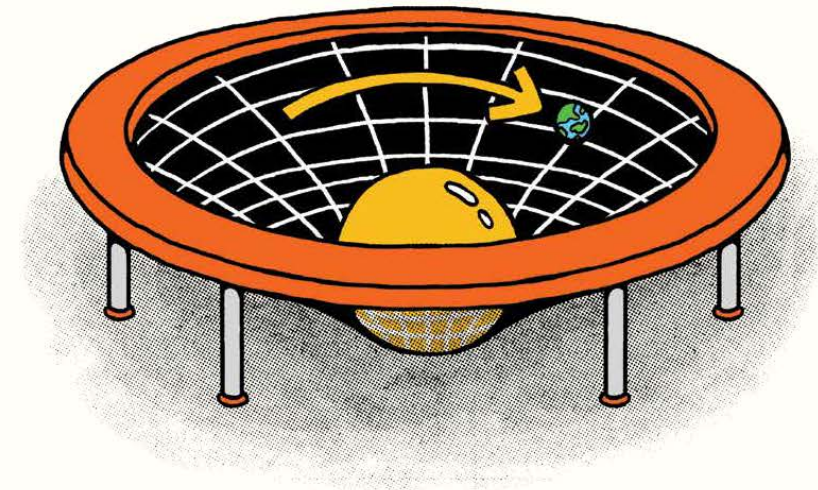
The most accurate scientific description of gravity is called the *general theory of relativity*, which Albert Einstein figured out more than 100 years ago. Like most scientific theories, it contains a lot of maths, but there are other ways of thinking about it that make it easier to understand.

The basic rule is this: gravity is really just a curved region of space which makes 2 objects fall towards one another. And how exactly does space get curved? Any massive object bends the space around it. We can imagine this as a bowling ball sitting on a trampoline. The heavy ball makes a 'dimple' in the mat. When a marble rolls along the surface of the trampoline, it falls towards the bowling ball – or if it is moving at speed, it falls in a curved path around it.

Does this remind you of anything?

It makes me think about our solar system. The Sun is the bowling ball and the planets are the marbles orbiting around it. However, unlike on the trampoline, in space the planets don't fall into the Sun. They just keep on orbiting pretty much forever.

Each planet creates its own dimple too, capturing moons and even asteroids – in the case of Mars – in their curved surroundings.



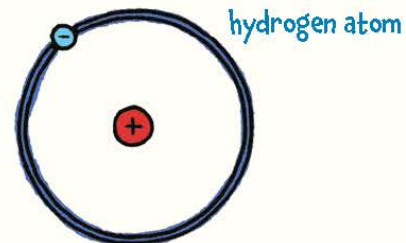
## NOTES FOR THE INTERESTED READER

While on your journey through the quantum world, you may come across something that looks like this table. This is part of the **periodic table of the elements**. Each square represents a chemical element – a substance made of a single type of atom.

The numbers in the squares are the number of protons each element has. For example, an atom with 1 proton is hydrogen, an atom with 8 protons is oxygen and an atom with 19 protons is potassium.

The letters in each square represent the atomic symbol, which is an abbreviation of the element's name. You might be thinking: why is potassium's symbol a K when there is no K in potassium? That's because the abbreviations come from the element's Latin (an ancient language) name. In this case, the Latin name for potassium is kalium.

This periodic table includes the first 20 elements, but the full periodic table has 118 elements! The very first version of the periodic table was written down in the year 1869.



114

## NOTES FOR THE INTERESTED READER



### Periodic table ELEMENTS 1-20

|                             |                              |                              |                            |                              |                           |                             |                          |
|-----------------------------|------------------------------|------------------------------|----------------------------|------------------------------|---------------------------|-----------------------------|--------------------------|
| HYDROGEN<br>1<br><b>H</b>   |                              |                              |                            |                              |                           |                             | HELIUM<br>2<br><b>He</b> |
| LITHIUM<br>3<br><b>Li</b>   | BERYLLIUM<br>4<br><b>Be</b>  | BORON<br>5<br><b>B</b>       | CARBON<br>6<br><b>C</b>    | NITROGEN<br>7<br><b>N</b>    | OXYGEN<br>8<br><b>O</b>   | FLUORINE<br>9<br><b>F</b>   | NEON<br>10<br><b>Ne</b>  |
| SODIUM<br>11<br><b>Na</b>   | MAGNESIUM<br>12<br><b>Mg</b> | ALUMINIUM<br>13<br><b>Al</b> | SILICON<br>14<br><b>Si</b> | PHOSPHORUS<br>15<br><b>P</b> | SULPHUR<br>16<br><b>S</b> | CHLORINE<br>17<br><b>Cl</b> | ARGON<br>18<br><b>Ar</b> |
| POTASSIUM<br>19<br><b>K</b> | CALCIUM<br>20<br><b>Ca</b>   |                              |                            |                              |                           |                             |                          |



115



# Quarks, Sparks and Quantum Mysteries

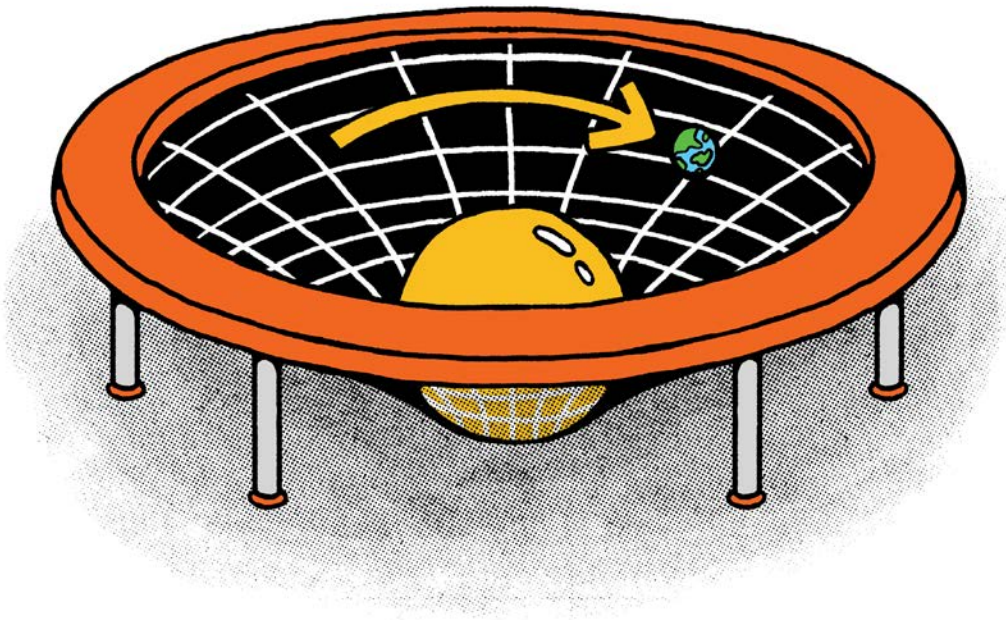
## A Cosmic Guide to the Building Blocks of our Universe

Lisa Harvey-Smith

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### KEY INFORMATION

- **Lisa Harvey-Smith** is an astrophysicist and Professor of Practice at the University of New South Wales, and has worked at universities and astronomical observatories around the world. She has written more than 50 scientific papers on stars, galaxies and black holes.
- Lisa has won numerous awards for her books including Best Education Title in the Singapore Book Awards, finalist in the Royal Society Young People's Book Prize, finalist in the Next Generation Indie Book Awards, Silver Medallist in the Nautilus Book Awards, and longlisted by Booktopia's Australia's Favourite Book Award and the Children's Book Council of Australia Eve Pownall Award.
- She is currently based in Hobart, Tasmania.
- *Quarks, Sparks and Quantum Mysteries* will be Lisa's eleventh book, with her prior book *The Universal Guide to the Night Sky* selling well both locally and abroad.
- The UN has declared 2025 as the International Year of Quantum Science and Technology. This will also be the theme for Australia's National Science Week.





# Quarks, Sparks and Quantum Mysteries

## A Cosmic Guide to the Building Blocks of our Universe

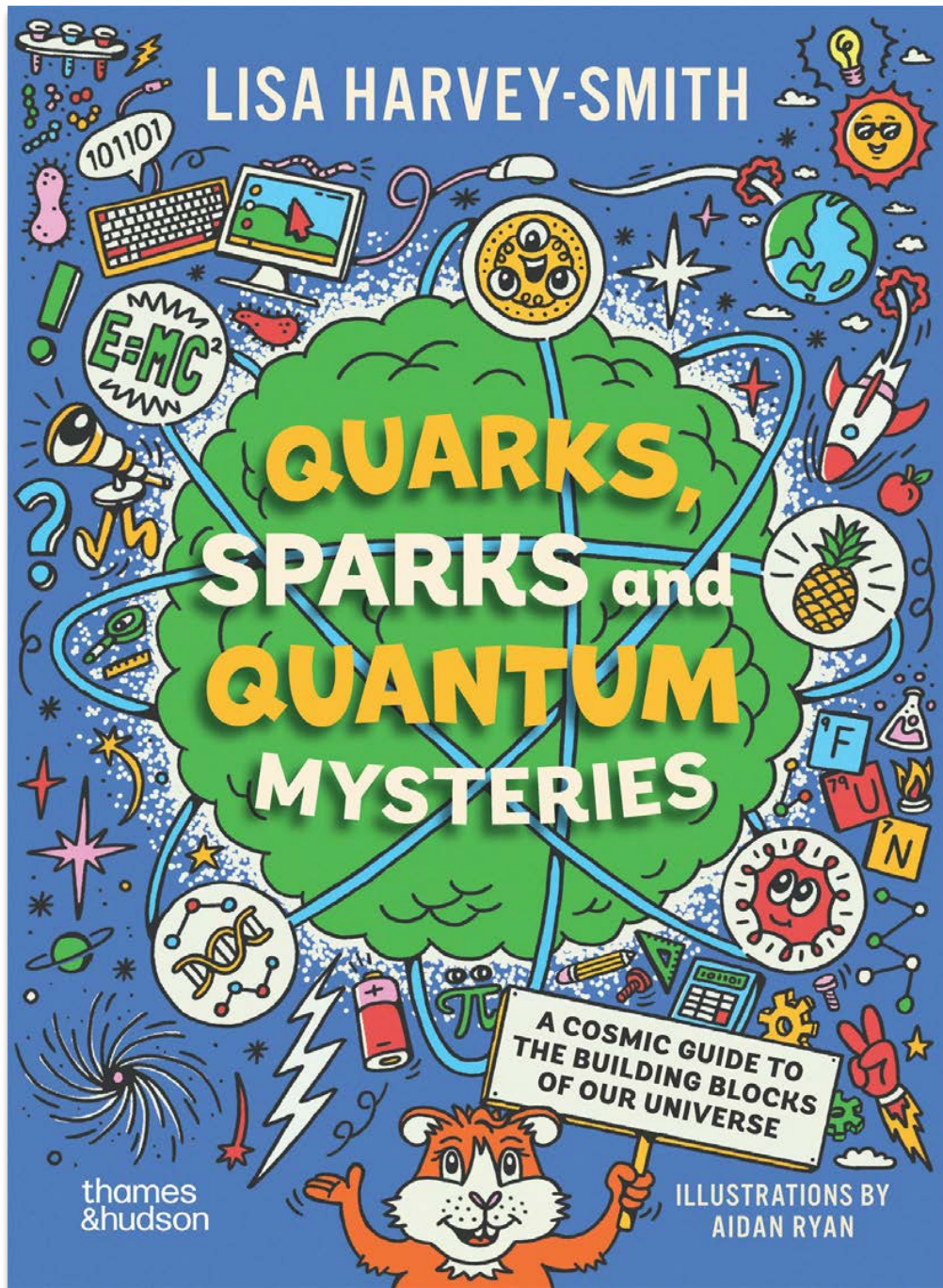
Lisa Harvey-Smith

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### PROMOTIONAL CAMPAIGN

- Pitching **reviews, interviews and extracts** to **kids focused print and online outlets** including *Just Kidding* and *Wiz Pop Bang*. Also pitching for coverage with kids outlets that focus upon **science and learning**, including the likes of *Double Helix*, *Australian Geographic Kids*, *Science Illustrated Kids* and *How It Works*.
- Pitching for **interviews with science focused podcasts** for kids including *Wow in the World*, *Brains On*, *Imagine This* and *One More Page*. Also pitching to **general, science based and parenting radio programs and podcasts** including *ABC Radio National*, *The Science Show with Robyn Williams* and the *Kidspot* podcast, *Mum Club*.
- Will also be looking to do **bookshop story-times, school visits** and **bookseller drop ins**, as well as an **east coast tour**.





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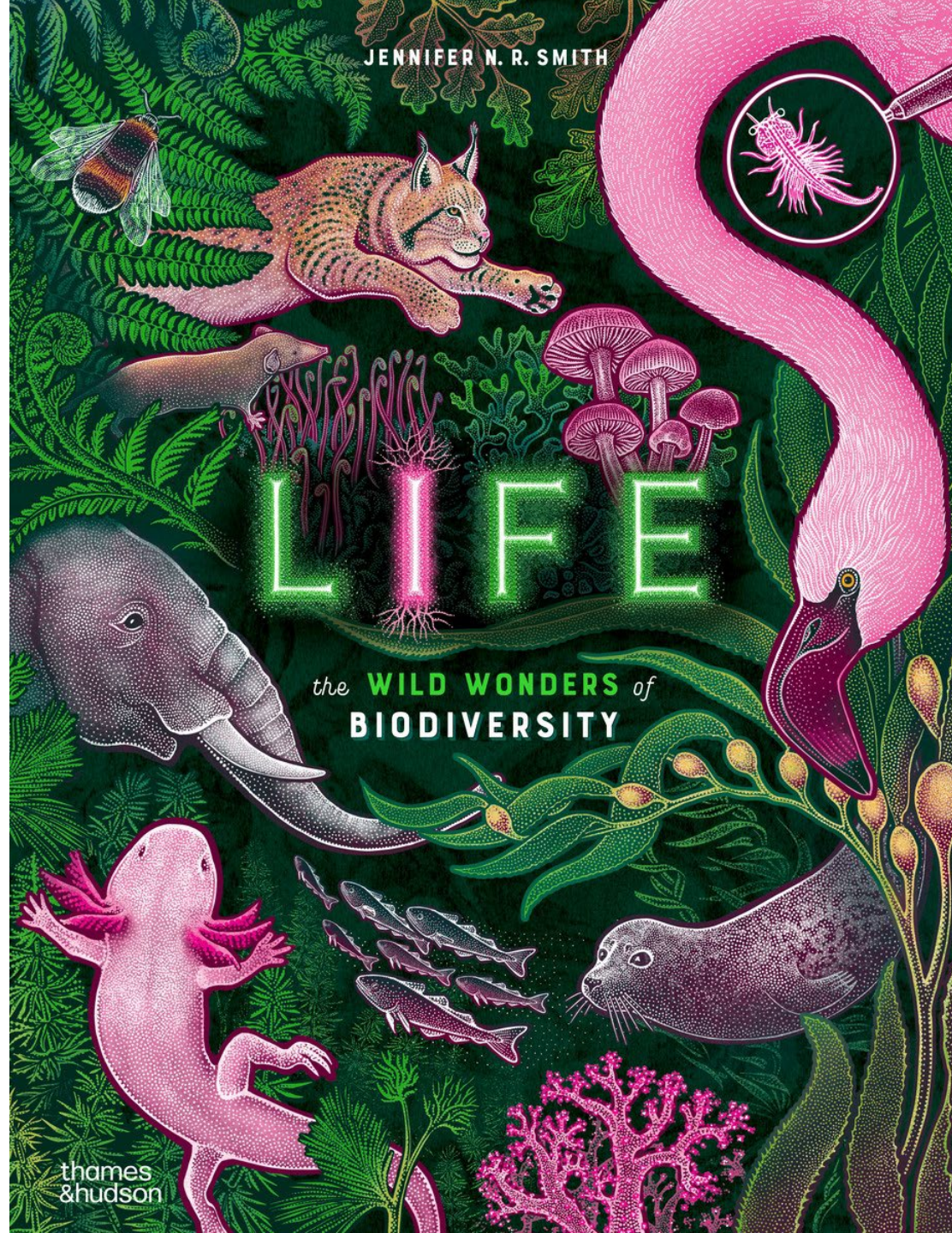


JENNIFER N. R. SMITH

# LIFE

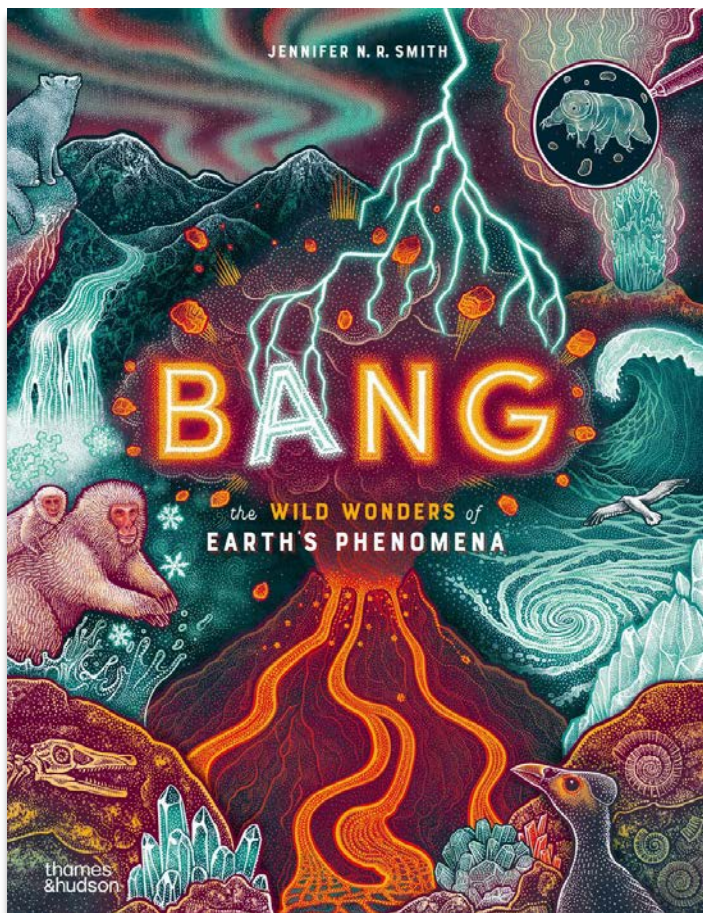
*the* **WILD WONDERS** *of*  
**BIODIVERSITY**

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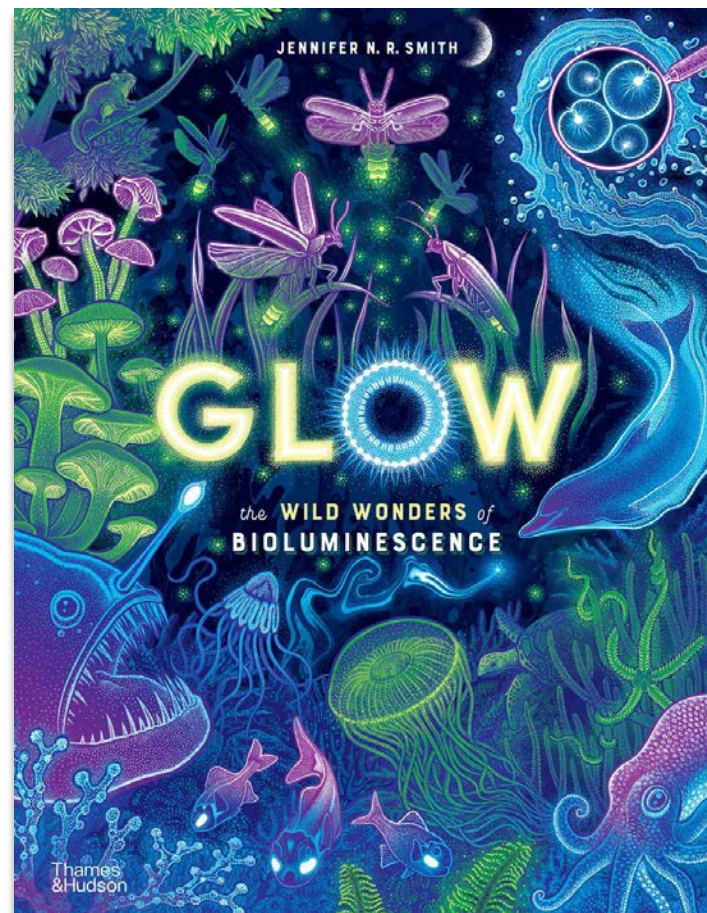




## ALSO AVAILABLE

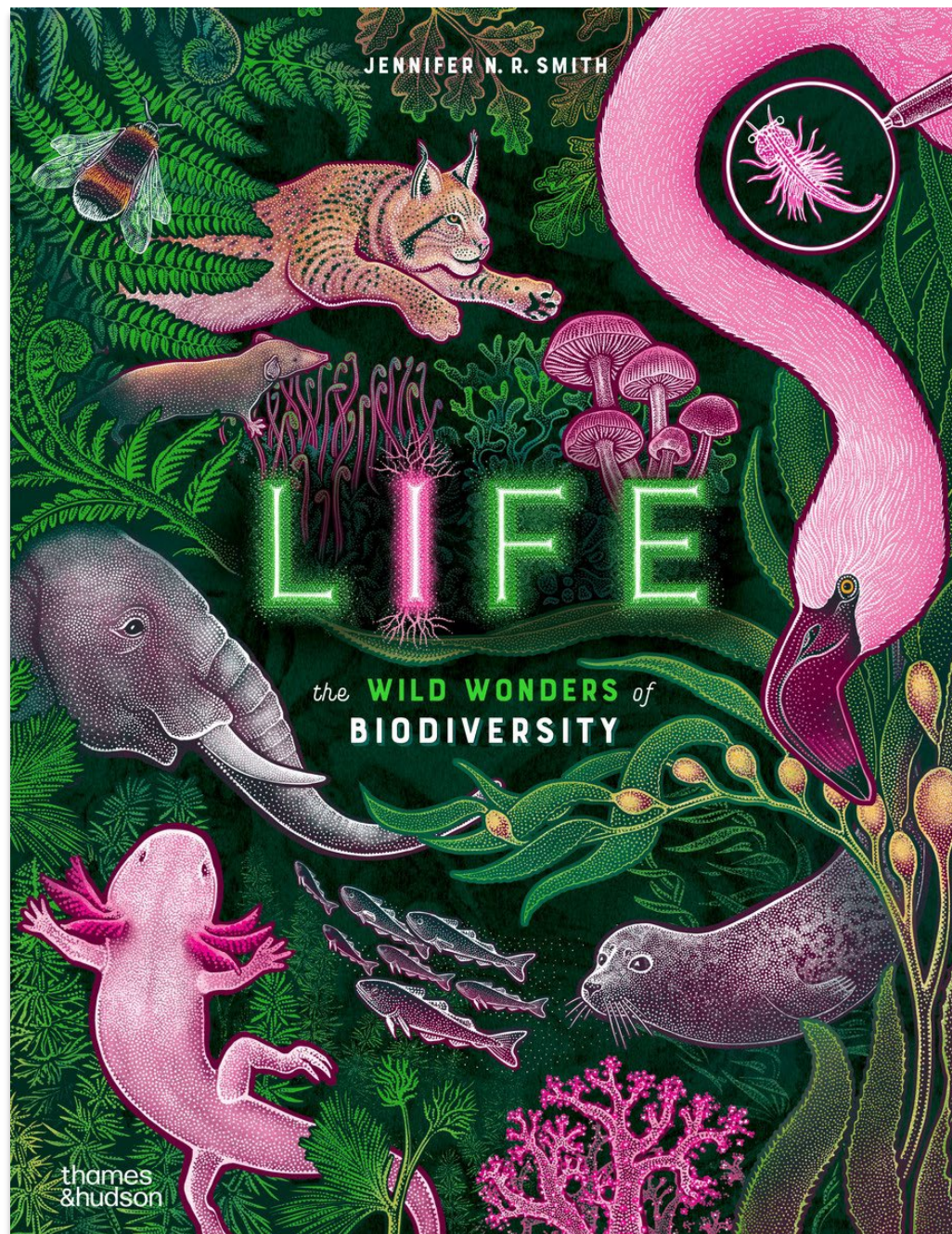


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# Life

## The Wild Wonders of Biodiversity

Jennifer N. R. Smith

From the author of *Glow* and *Bang*, using luminous printing, *Life* immerses readers in the wonders of life on our wild planet.

- The wonders of the earth's biodiversity in its full colorful glory and depicted by award-winning illustrator Jennifer N.R. Smith.
- This large-format book is printed with luminous HUV technique, enhancing the impact of Smith's highly detailed illustrations and scientific facts.
- Offers a fresh approach to the subject of biodiversity that encompasses STEM, history, and environmental science. It covers core topics including food chains and biomes, as well as less conventional themes, such as genetic diversity and symbiotic relationships.

AGES 7 - 12

AU \$34.99 | NZ \$39.99  
9780500653357  
40 Pages  
Hardcover  
360 mm x 276 mm  
Thames & Hudson





# CONTENTS

|                             |    |
|-----------------------------|----|
| THE <b>TAPESTRY</b> OF LIFE | 6  |
| A <b>PLACE</b> TO CALL HOME | 8  |
| <b>BIOMES</b> OF THE WORLD  | 10 |
| <b>BIG</b> AND SMALL        | 12 |
| THE <b>KINGDOMS</b> OF LIFE | 14 |
| HOW TO <b>ADAPT</b>         | 16 |
| <b>GENETIC DIVERSITY</b>    | 18 |
| THE <b>CIRCLE</b> OF LIFE   | 20 |
| ALL <b>TOGETHER</b> NOW     | 22 |

|                                  |    |
|----------------------------------|----|
| AN INVALUABLE <b>SERVICE</b>     | 24 |
| <b>BAD</b> REPUTATION            | 26 |
| <b>INVADER ALERT</b>             | 28 |
| <b>GOING, GOING, GONE</b>        | 30 |
| <b>MAKING A COMEBACK</b>         | 32 |
| NATURE'S <b>MEDICINE CABINET</b> | 34 |
| <b>SUPPORTING BIODIVERSITY</b>   | 36 |
| GLOSSARY                         | 38 |
| INDEX                            | 40 |



# BIOMES OF THE WORLD

A BIOME IS A LARGE AREA OF THE EARTH THAT IS DEFINED BY ITS CLIMATE, the type of terrain or water within it and the kinds of animals and plants that live there.

One biome may contain many ecosystems and habitats. Major biomes in the world include aquatic, tundra, desert, forest and grasslands.



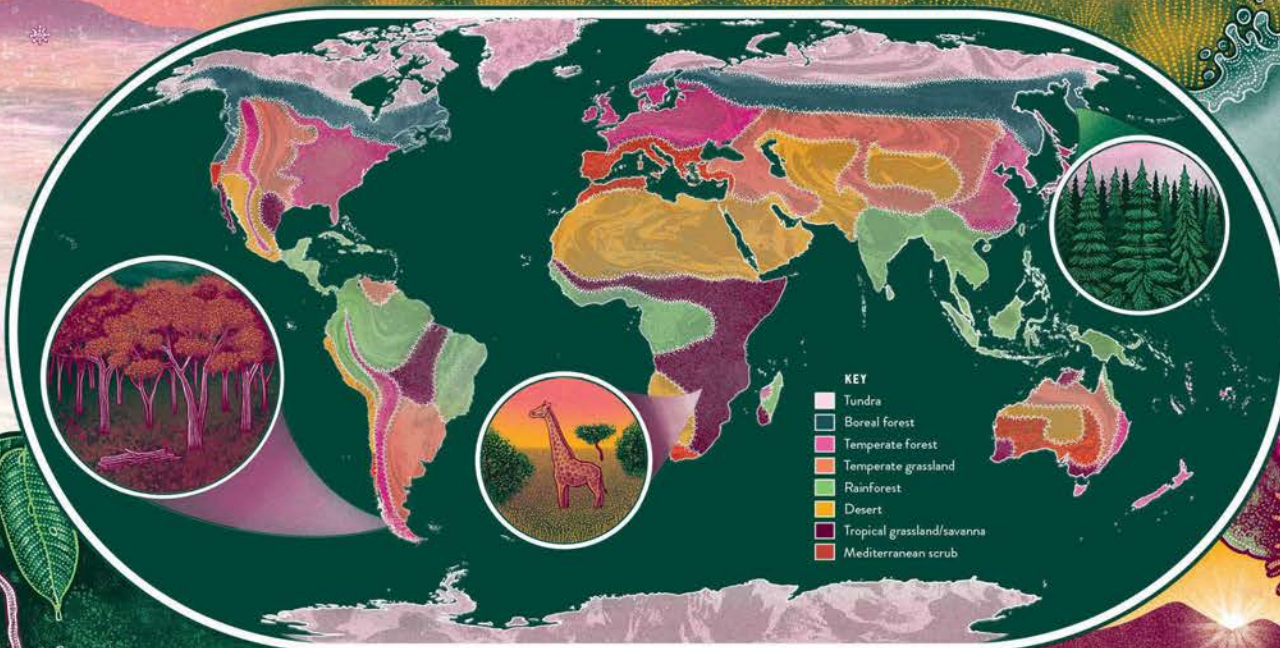
## TUNDRA

A tundra is a freezing cold desert, where hardly any trees grow and there is very little rainfall. Tundras are the coldest biomes and tend to be found in the Arctic, Antarctica and high up on mountains. They are often covered in snow and ice, though in some places there will be a short growing season where hardy plants and shrubs flourish.



## GRASSLAND

A grassland biome is a large, open area covered by grasses. Taller plants like trees struggle to grow here because of a lack of rain and the presence of large grazing animals that eat shoots and trample the ground.



## KEY

- Tundra
- Boreal forest
- Temperate forest
- Temperate grassland
- Rainforest
- Desert
- Tropical grassland/savanna
- Mediterranean scrub

## AQUATIC

Around 70% of the Earth's surface is covered by water, so it's no wonder that aquatic biomes are the largest on the planet! There are two main types: freshwater and marine. Freshwater biomes include lakes and rivers, whereas marine biomes are mainly saltwater oceans.



## RAINFOREST

There are three major types of forest biome: temperate forest, taiga (also called boreal forest) and rainforests. A rainforest biome is a large, thick forest area of tall trees where it rains a lot. They are usually found in warm, tropical climates and are the most biodiverse places on land.

## DESERT

Deserts are the driest biomes, with very little rainfall. They tend to be very hot during the day when the sun is shining, and very cold at night.





# GENETIC DIVERSITY

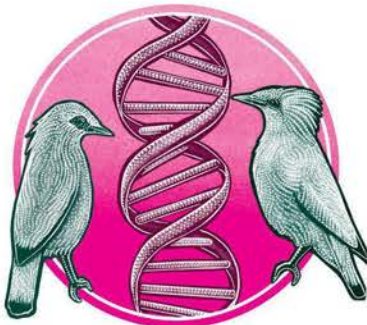
## EVER WONDERED WHY ONE PERSON CAN LOOK SO DIFFERENT TO ANOTHER?

The answer lies in our genes. Genetic diversity is the variety of genes within a species. Genes are the instruction manuals for how a body grows and works. They are passed on from parents to offspring and are the information centres for all life.

### DIFFERENCES MAKE US STRONGER

Genes express themselves as traits. For example, you might have curly black hair, and your friend might have straight blonde hair. You both have different genes that have made those traits appear.

The more genetically diverse the **population** of a species is, the healthier that population tends to be. Individuals in a genetically diverse population will have different strengths and weaknesses, which makes the species more adaptable to changes in their environment and more resilient to disease.



### THE MUTATING MUSHROOM

Out of all the organisms on Earth, the split gill mushroom is the most genetically diverse species known today. It has a very large and widespread population, and can be found on every continent except Antarctica. But the biggest reason for its diverse genetics is how often **genetic mutation** occurs.

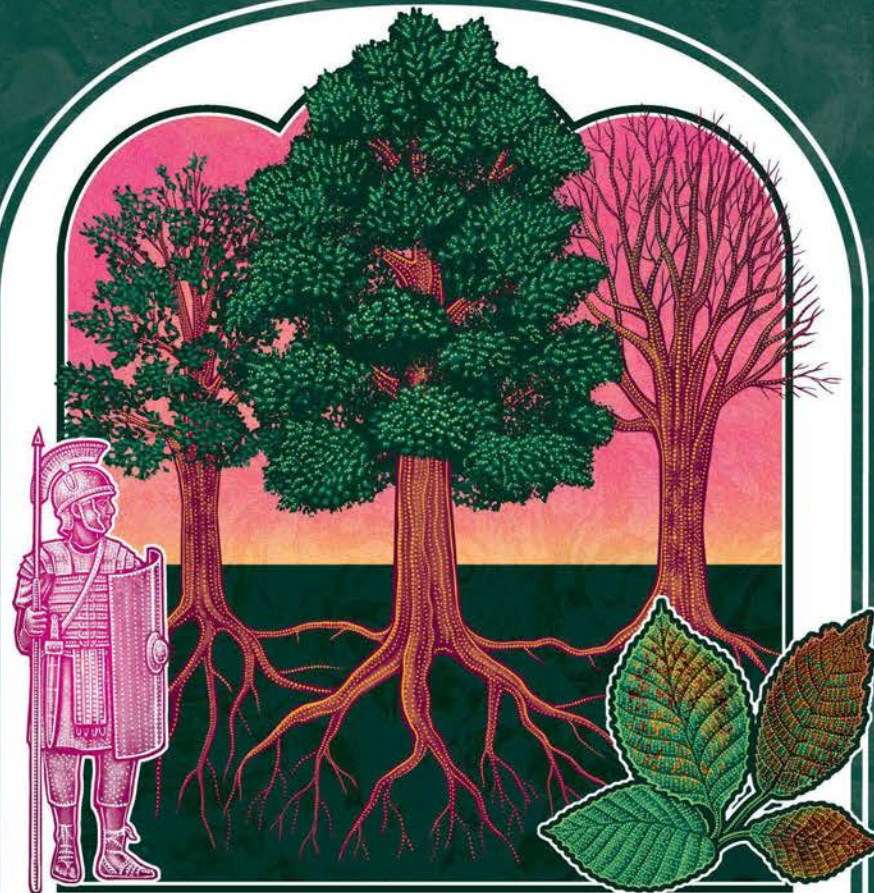
A genetic mutation happens when the instruction manual – or code – inside a gene changes or becomes damaged. This leads to new genetic traits developing, as the organism's cells receive new instructions on how they should grow from the gene. The split gill mushroom has an unusually high mutation rate, making it especially genetically diverse.



### SAFETY IN NUMBERS

Genetic diversity is important when it comes to **conservation** projects (see pages 32–33). Scientists estimate that in order to maintain a healthy level of genetic diversity, each population of a species needs to contain at least 500 individuals, and some argue there needs to be even more than that.

At one time, there were only 6 Bali starlings left in the wild. That number rose to over 50 with the help of conservation work. However, as they had bred from such low numbers, their genetic diversity is very low. Starlings from different zoos and conservation centres are now being bred so their offspring can be released into the wild population to help boost its genetic diversity and keep it healthy.



### THE ROMAN CLONE

The negative effects of low genetic diversity can be seen in the English elm tree. Brought to the UK 2,000 years ago by the Romans, every English elm is genetically the same tree as its ancient ancestors. The tree is not very effective at spreading seeds, so new trees grow from the roots of an existing tree instead. It's like making an identical clone of yourself over and over and over again. Imagine if the whole country looked exactly like you. How confusing!

Sadly, when Dutch elm disease came to the UK in the 1970s, lots of English elms died, as every tree had the same weakness to the disease. If some of the trees had **genetic resistance**, then the disease would not have spread so quickly. This is why it's important to have genetic diversity within a species: differences make a population collectively stronger.



# AN INVALUABLE SERVICE

IT'S A SUNNY DAY IN MAY, AND YOU'RE OUT WALKING IN THE COUNTRYSIDE.

Thorny brambles with delicate white flowers line the hedgerows. You notice that there are bees who are drawn to the flowers, visiting one, then another, then another.

A few months later, it's a fresh September morning, and you revisit the brambles to check for any blackberries. You carefully pluck the dark, juicy berries from their thorny stems, and place them in a tub to take home.

These blackberries were only made possible by the bees pollinating the bramble flowers. A bee visits around 1,500 flowers in a single day to drink their sweet nectar. In the process, the pollen from the flower is collected on their furry little legs and carried to other flowers. Each plant needs this pollen from other flowers to produce fruit.

We rely on pollinating insects like bees, butterflies, moths and beetles for most of our food supply. If pollinating insects disappeared, humans would have to pollinate crops by hand! This would be very time consuming and expensive. It would increase food prices, and world hunger. Pollination is an example of an ecosystem service.

## WHAT ARE ECOSYSTEM SERVICES?

Nature provides human beings with many vital services that contribute to our survival and wellbeing. These are called ecosystem services. Many of them are invisible to us in our day-to-day lives, so it's easy to take them for granted.

## PROVISIONING SERVICES

Nature provides us with the things that we need to eat, drink or use, such as plants for food and medicine, and raw materials like timber and water.

## REGULATING SERVICES

Regulating services help to keep systems in the ecosystem running smoothly. For example, well-kept forests purify the air and regulate weather; wetlands purify water and reduce flooding; and pollinators help crops and other plants to reproduce.

## CULTURAL SERVICES

Areas of nature can benefit us in many ways. They provide people with beautiful places to visit, relax, play sports and be inspired. Some places also have religious, spiritual and emotional significance. Spending time in nature has been proven to increase happiness and wellbeing.

## SUPPORTING SERVICES

These are indirect services that allow the other services to function. They include photosynthesis, the nutrient cycle and food webs (see pages 20–21).

Many of these services are completely irreplaceable, since human intervention or technology is unable to replicate their effects. It's important that we understand the ways we depend on the free services that nature provides so that we protect and make more space for nature in the future.



# THE TAPESTRY OF LIFE

SOMEWHERE IN A RAINFOREST, A MONKEY PICKS A JUICY FRUIT FROM A TREE and eats it. Inside the gut of the monkey, tiny bacteria help to break down the fruit as part of its digestion. Later on, the monkey poops out the seeds from the fruit, which land on the rainforest floor. After a few months, one of the seeds sprouts into a sapling, which grows over hundreds of years into a huge tree. The tree produces more fruit for many generations of monkeys and becomes a home for other wildlife.

The word **BIODIVERSITY** describes the wide variety of life on Earth. All living things interact with each other and depend on one another in a system that is intricately woven together. An **organism** is the scientific word for a living thing. All organisms have some things in common:

They all **MOVE**.

They all **RESPIRE**, which means exchanging gases.

They all **SENSE** changes in their environment.

They all need **NUTRIENTS** to sustain themselves.

They all **EXCRETE**, which means getting rid of waste.

They all **REPRODUCE**, making more of their kind.

They all **GROW**.

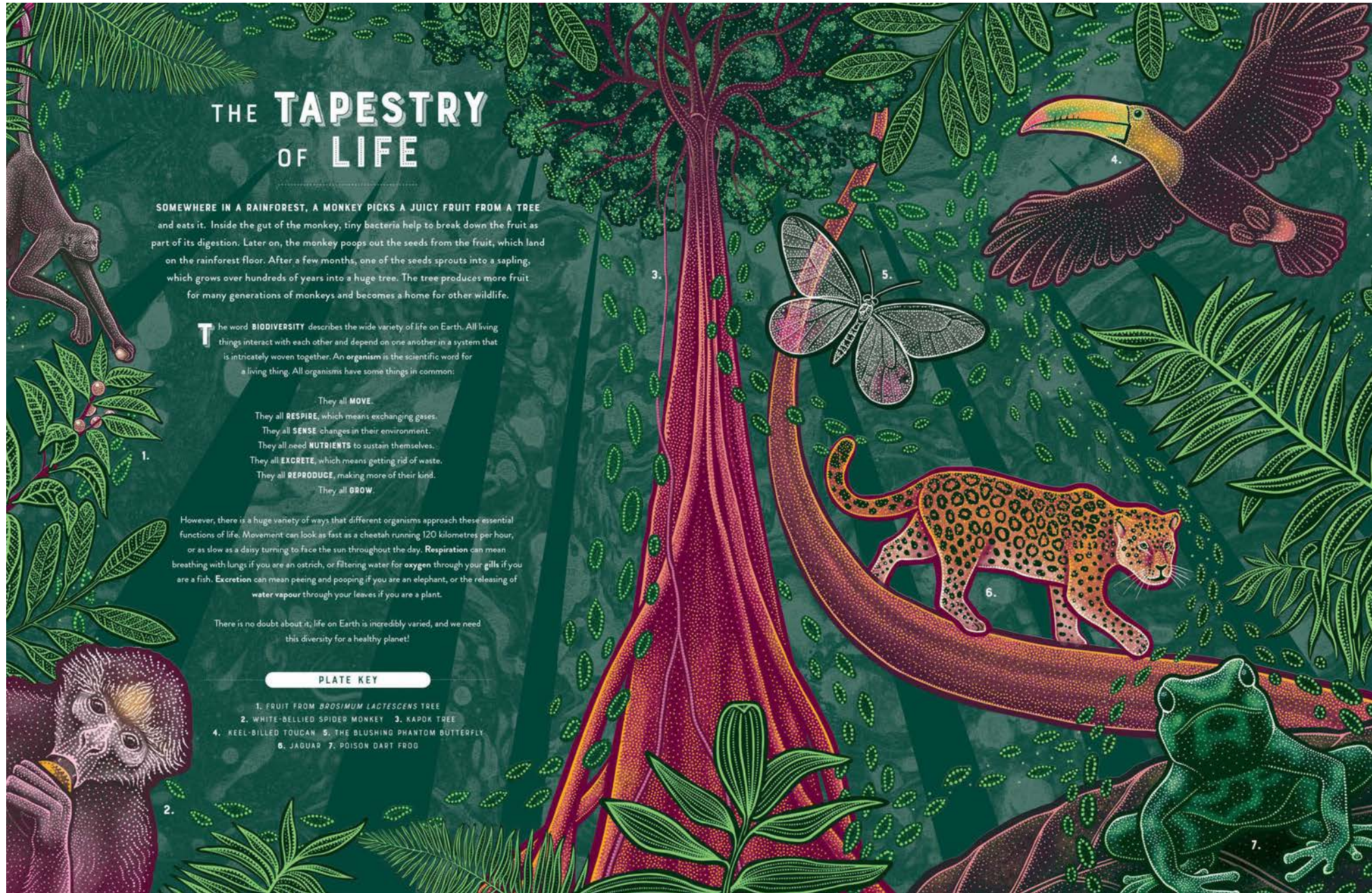
1.

However, there is a huge variety of ways that different organisms approach these essential functions of life. Movement can look as fast as a cheetah running 120 kilometres per hour, or as slow as a daisy turning to face the sun throughout the day. **Respiration** can mean breathing with lungs if you are an ostrich, or filtering water for **oxygen** through your gills if you are a fish. **Excretion** can mean peeing and pooping if you are an elephant, or the releasing of **water vapour** through your leaves if you are a plant.

There is no doubt about it; life on Earth is incredibly varied, and we need this diversity for a healthy planet!

## PLATE KEY

1. FRUIT FROM *BROSIMUM LACTESCENS* TREE  
2. WHITE-BELLIED SPIDER MONKEY 3. KAPOK TREE  
4. KEEL-BILLED TOUCAN 5. THE BLUSHING PHANTOM BUTTERFLY  
6. JAGUAR 7. POISON DART FROG





# THE KINGDOMS OF LIFE

LIFE ON EARTH IS SO VARIED THAT IN ORDER TO LEARN ABOUT IT, IT'S HELPFUL TO ORGANISE IT.  
The system of grouping similar life forms together is called 'classification'.



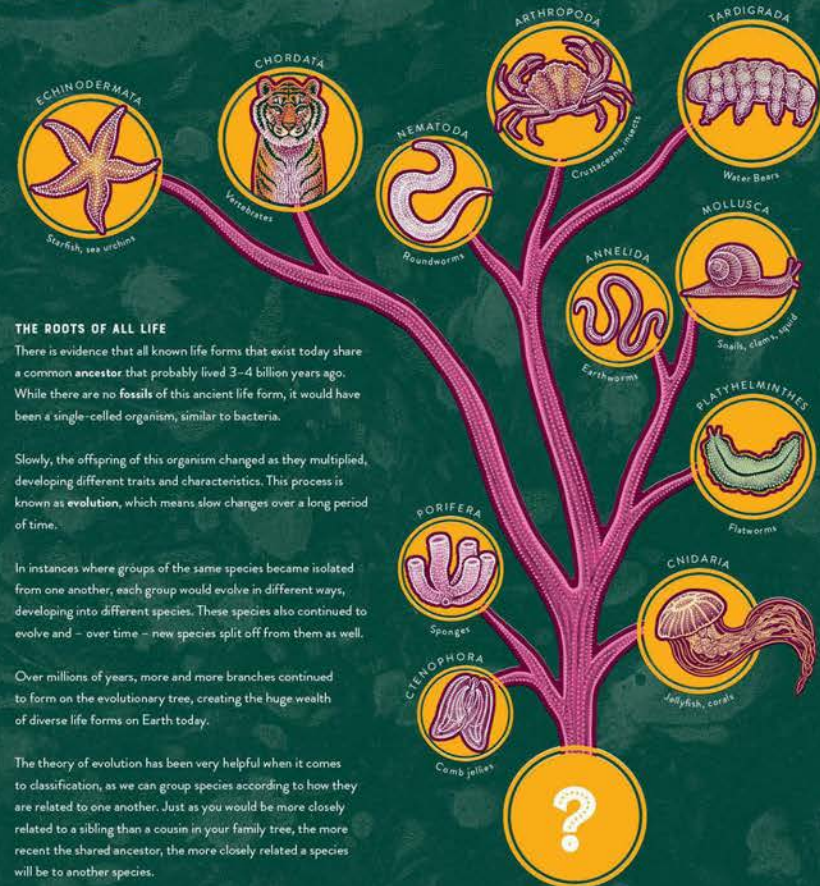
## COMPARE AND CONTRAST

There is so much variety within the different kingdoms that not only can they be divided into categories, but these categories can then be further divided into many subcategories. For instance, an earthworm and a tiger are both in the animal kingdom but they are very different! Tigers belong to a subcategory called **vertebrates** – which includes all animals with back bones – while earthworms are **invertebrates** – animals without back bones. This practice of splitting organisms into smaller and more specific groups continues further. For example, vertebrates are split into mammals, birds, reptiles, amphibians and fish.



## LET'S GET SPECIFIC

One of the most detailed classifications that a living thing can be given is a **species**. Generally speaking, a species is defined as a group of similar living things that are able to reproduce with one another to create fertile offspring. Fertile means they are able to make offspring of their own.



## THE ROOTS OF ALL LIFE

There is evidence that all known life forms that exist today share a common ancestor that probably lived 3–4 billion years ago. While there are no fossils of this ancient life form, it would have been a single-celled organism, similar to bacteria.

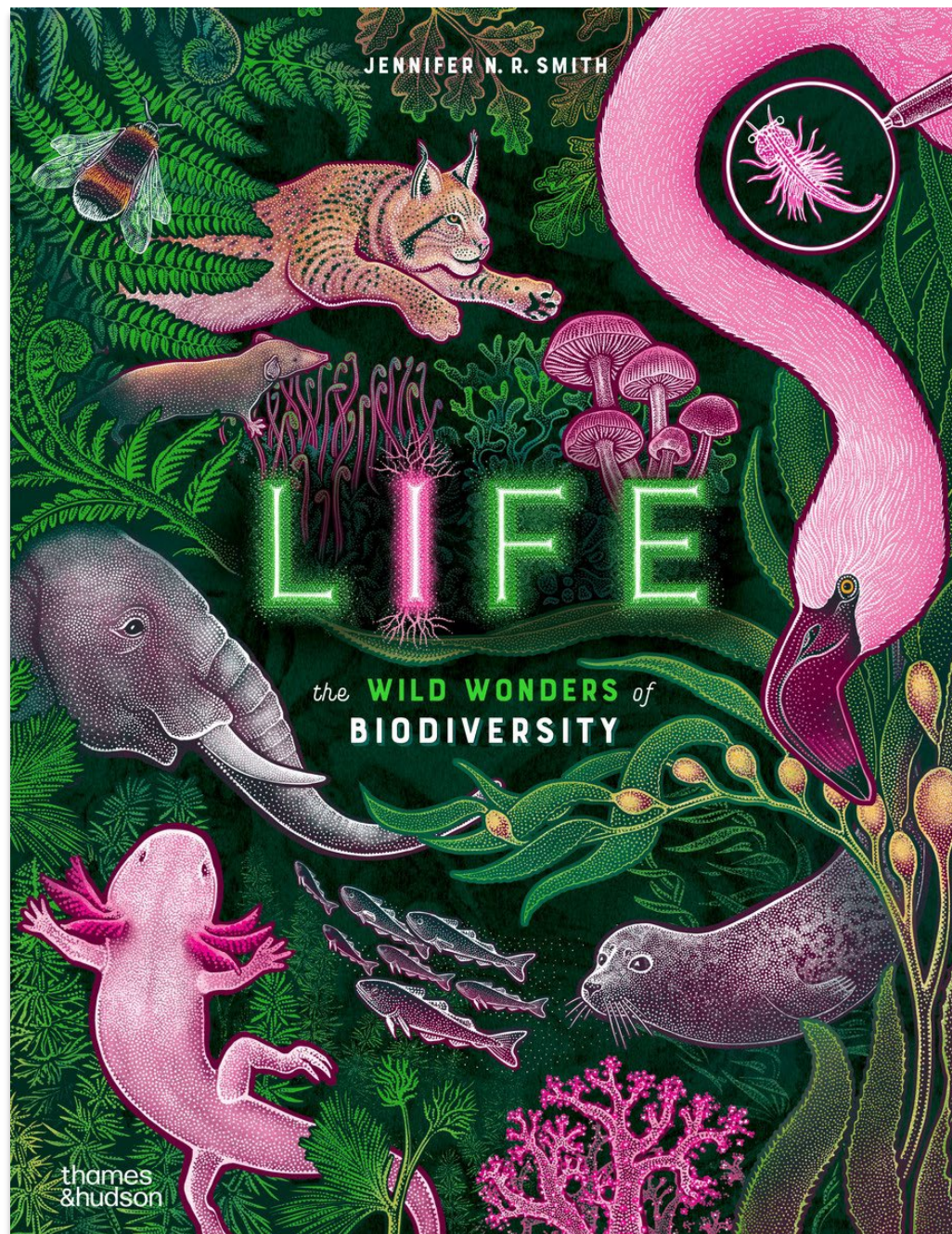
Slowly, the offspring of this organism changed as they multiplied, developing different traits and characteristics. This process is known as **evolution**, which means slow changes over a long period of time.

In instances where groups of the same species became isolated from one another, each group would evolve in different ways, developing into different species. These species also continued to evolve and – over time – new species split off from them as well.

Over millions of years, more and more branches continued to form on the evolutionary tree, creating the huge wealth of diverse life forms on Earth today.

The theory of evolution has been very helpful when it comes to classification, as we can group species according to how they are related to one another. Just as you would be more closely related to a sibling than a cousin in your family tree, the more recent the shared ancestor, the more closely related a species will be to another species.





# Life

## The Wild Wonders of Biodiversity

Jennifer N. R. Smith

From the author of *Glow* and *Bang*, using luminous printing, *Life* immerses readers in the wonders of life on our wild planet.

- The wonders of the earth's biodiversity in its full colorful glory and depicted by award-winning illustrator Jennifer N.R. Smith.
- This large-format book is printed with luminous HUV technique, enhancing the impact of Smith's highly detailed illustrations and scientific facts.
- Offers a fresh approach to the subject of biodiversity that encompasses STEM, history, and environmental science. It covers core topics including food chains and biomes, as well as less conventional themes, such as genetic diversity and symbiotic relationships.

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INCLUDES A  
MAGNIFYING  
GLASS

UNDER THE  
MAGNIFYING GLASS

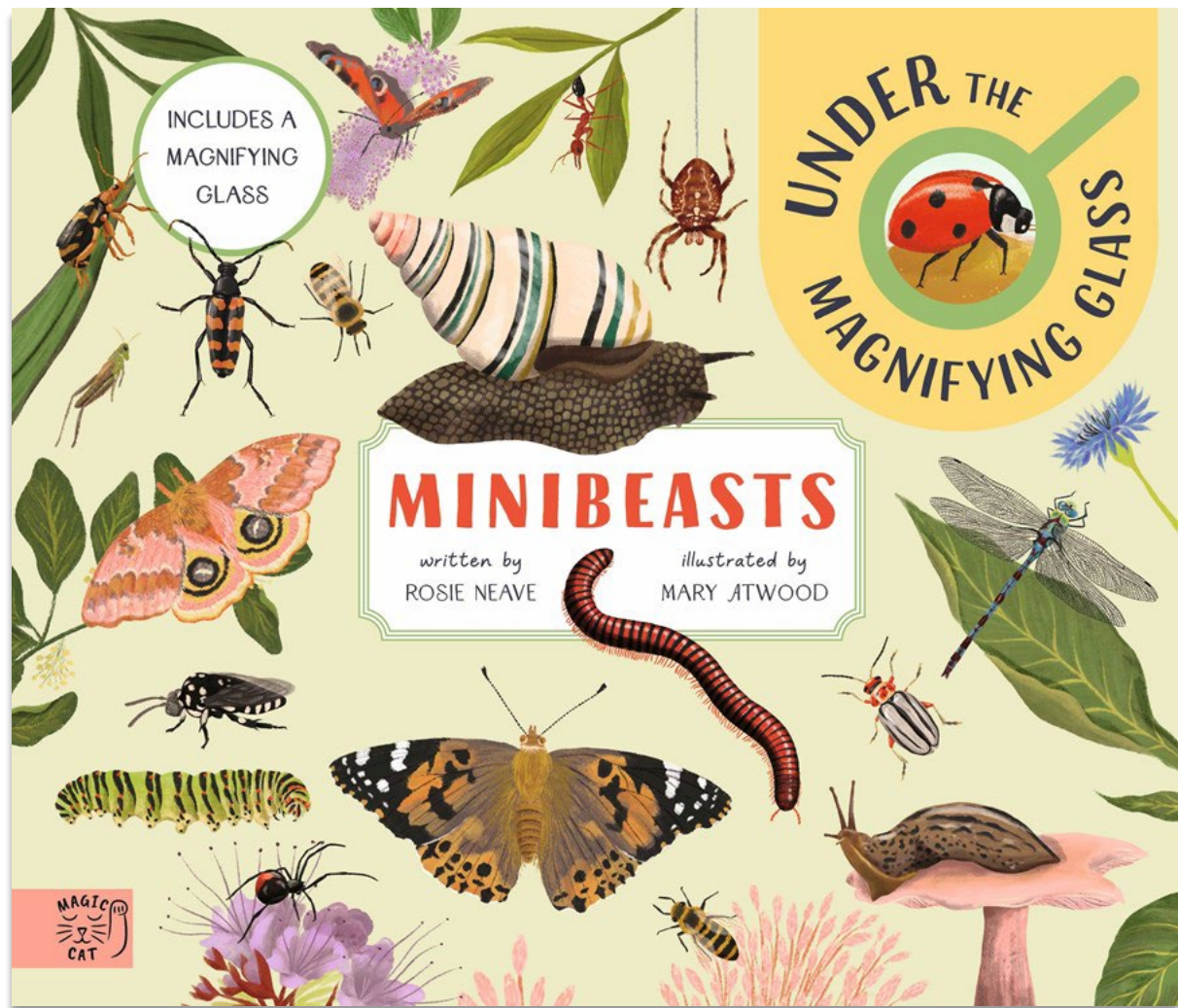
# MINIBEASTS

written by  
ROSIE NEAVE

illustrated by  
MARY ATWOOD

MAGIC  
CAT





# Minibeasts: Under the Magnifying Glass

Rosie Neave (illustrated by Mary Atwood)

Put the natural world under the magnifying glass and get up close to all kinds of creepy crawlies.

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# UP CLOSE: BUTTERFLY LIFECYCLES

The beautiful butterflies that flit around your garden all started life as wriggly caterpillars.

A butterfly's lifecycle has four stages. Females lay eggs on plants. When a caterpillar hatches, it immediately begins to feed on the plant. Once the caterpillar is fully grown it spins a chrysalis and disappears inside it. The adult emerges as a butterfly, looking very different. This process is called metamorphosis.

Swallowtail caterpillar

2. After a few weeks, the eggs hatch. The larvae, called caterpillars, emerge and start to feed on the leaves they have hatched on.

Swallowtail chrysalis

3. When a caterpillar is big enough, it builds a chrysalis. This is called the pupal stage. Can you spot the silk 'belt' that keeps the chrysalis secure? Inside, metamorphosis takes weeks, and sometimes months.

MAGNIFY

Look closely at the scales on the butterfly's wings.

How do swallowtail caterpillars defend themselves?  
Find the answer!

4. When it is fully formed, the butterfly emerges. At first its wings are damp and crumpled. It has to wait a little while before it is ready to fly.

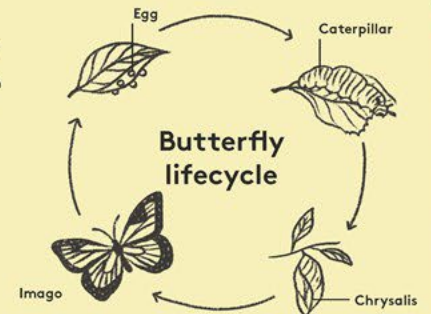
Swallowtail eggs

1. An adult butterfly lays eggs on leaves. Many species will only lay their eggs on one particular type of plant. These are the eggs of the swallowtail butterfly.



Adult swallowtail

The adult stage of an insect's lifecycle is known as the imago.



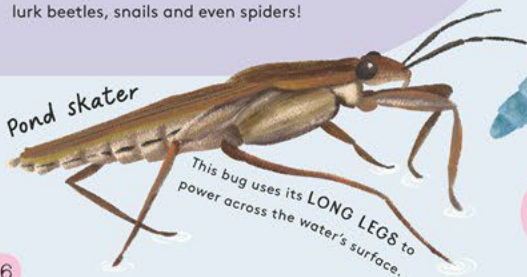


# WATER WORLD

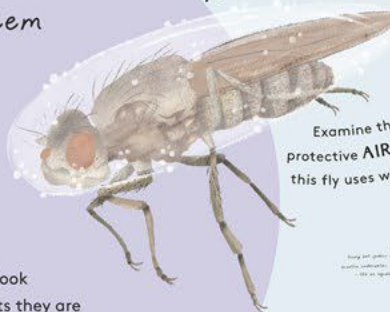
Lakes, ponds, and even puddles can teem with tiny life.

Many insects and other creepy crawlies start their lives in freshwater, and the adult forms can often be seen nearby.

Damselflies and dragonflies dart and dash above the surface. They look delicate to us, but to smaller insects they are deadly, snatching their prey from the air as they fly. On the surface you might spot pond skaters, which use water-repelling hairs on their feet to 'walk' on the top of the water. Beneath the surface lurk beetles, snails and even spiders!



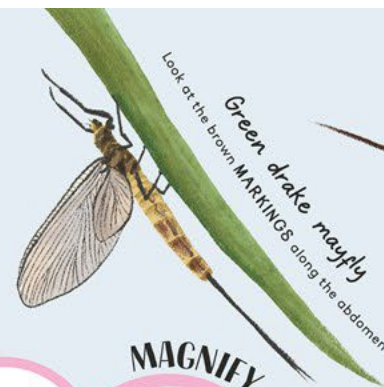
**Alkali fly**



**Water boatman**  
Can you see the **STRIPES** behind the head?



Why do diving bell spiders carry bubbles?  
Find the answer!



**MAGNIFY**



Can you see the brush-like swimming hairs on the **diving beetle's legs**?



**Wandering glider dragonfly**



## Where should I look?

Ask an adult to go pond-dipping with you!

- Sweep a net gently across the surface of the water in a figure-of-eight motion.
- Have a bucket or tray of water nearby where you can place your finds and study them up close.
- Return your finds gently to where you found them once you're done.

Find the fine **HAIRS** on the spider's legs.





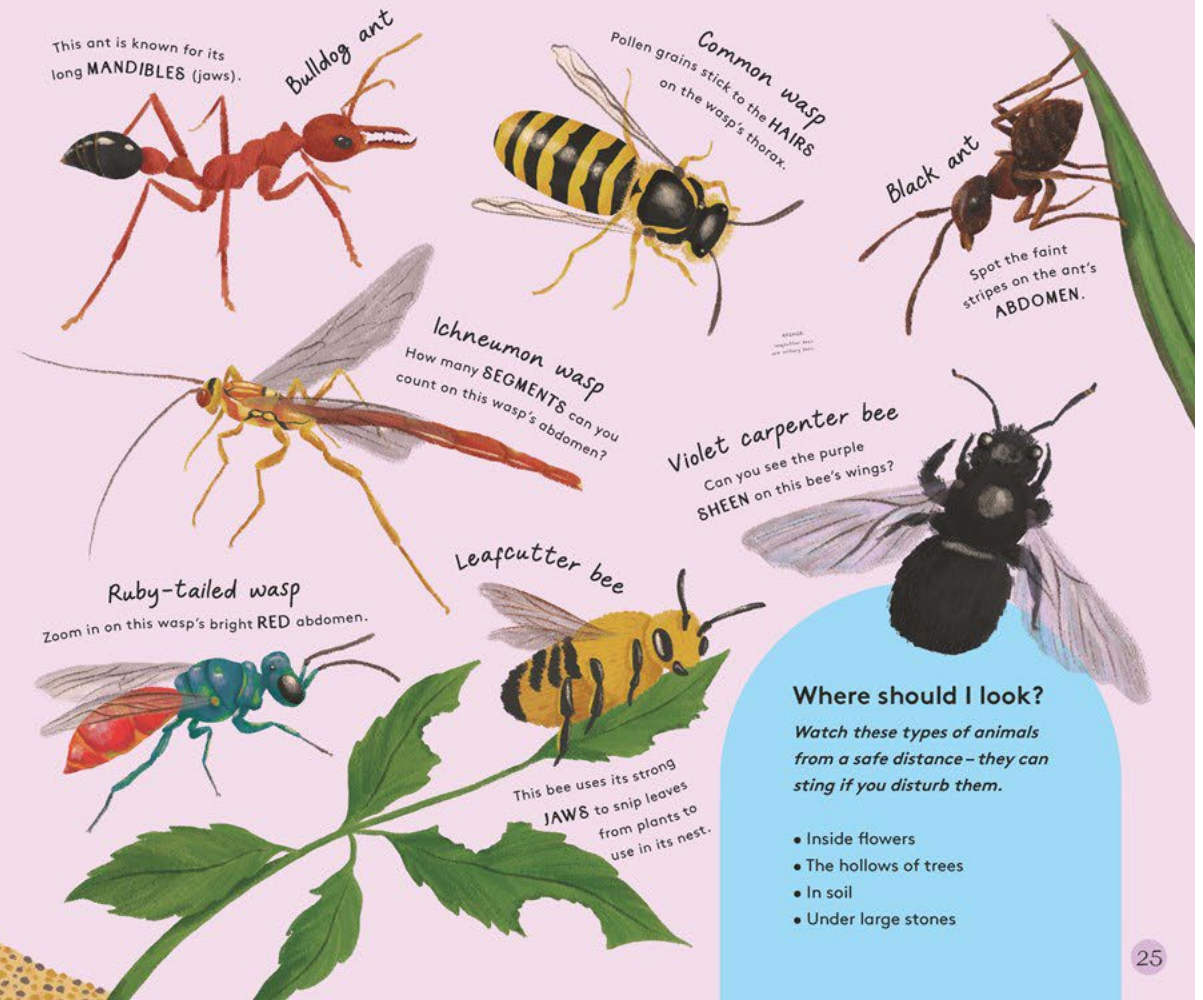
# BUZZING AND SCURRYING

Listen carefully on a warm spring day and you might hear the buzz of a bumblebee.

There are thousands of different kinds of bees, wasps and ants, which all belong to the same order of insect. Many are pollinators, helping to move pollen between flowers. This is an essential part of how many plants reproduce (make new plants). Without pollinators our world would be a much less colourful place!

Lots of species in this insect group are social, which means they live in colonies.

Are leafcutter bees solitary or do they live in colonies? Find the answer!



## Where should I look?

Watch these types of animals from a safe distance - they can sting if you disturb them.

- Inside flowers
- The hollows of trees
- In soil
- Under large stones



# UP CLOSE: CAMOUFLAGE

Sometimes the best way to stay safe is to disappear.

Some bugs have incredible camouflage, which means they look just like their surroundings. They can hide in plain sight, and other animals will find it very hard to spot them. Notice if the insects you see on your next nature walk are trying to look like their backgrounds!

The bodies of some stick insects have ridges that resemble the veins on leaves.

Stick insect

MAGNIFY

Can you spot the grasshopper's ears? They are on the sides of its abdomen!

Grasshopper

Flower mantids' camouflage allows them to hide in plain sight – so they can ambush visiting pollinators.

Orchid mantis

Grasshoppers are an example of simple camouflage – they are often the same colour as the plants they spend the most time on. These insects can do a sudden quick leap to escape danger.

Peppered moth

Dead leaf butterfly

At rest, this butterfly holds its wings vertically, and looks just like a dried leaf.

The markings of the peppered moth blend in against bark and lichen, helping it to hide from birds that might eat it.

Leaf katydid

Leaf katydids are perfect mimics, even down to their body shape – they are almost impossible to spot.

This green and brown leaf insect is perfectly camouflaged on the leaves of its rainforest home.

Why do orchid mantids have teeth on their front legs? Find the answer!

Leaf insect



# BE A FRIEND TO BUGS

Minibeasts are massively important - and they need our help.

Without bugs, lots of plants would not be pollinated, our soil would be unhealthy, and many bigger animals would go without food. The main threat to insects and other creepy crawlies is habitat loss. They need safe, healthy homes - and you can help!



## A few weeds can be wonderful

Insects don't need a perfectly mown lawn - in fact, they love the low-growing flowering plants (which we often call 'weeds') that people usually try to remove! Try choosing an area of lawn to let grow without mowing for a month. Compare the bugs you spot here to the ones you see on the mown bit.

Which has more?

## Stay away from spray!

Most weedkilling sprays are harmful to bugs and other wild animals. The best plants for your garden are ones that grow well in your soil and conditions, and don't need lots of looking after.



What is an insect's favourite colour?  
Find the answer!

## Spread the word

Some people are scared of minibeasts, but they are fascinating, and vital for our planet's health. Tell people about the things you have learnt in this book, and hopefully they'll start seeing bugs as fascinating friends.



# GO ON A BUG HUNT

There are more than 90 minibeasts in this book! Can you find them all?

## TRUE BUGS

-  Pond skater
-  Shield bug
-  Water boatman
-  Water scorpion

## BEETLES

-  Seven-spot ladybird
-  Cockchafer beetle
-  Common sexton beetle
-  Firefly
-  Giraffe-necked weevil
-  Tiger beetle
-  Striped willow leaf beetle
-  Scarlet lily beetle
-  Rosemary beetle
-  Longhorn beetle
-  Bombardier beetle

-  Stag beetle
-  Jewel beetle
-  Golden tortoise beetle
-  Great diving beetle

## BUTTERFLIES & MOTHS

-  Camberwell beauty butterfly
-  Clouded yellow butterfly
-  Swallowtail butterfly
-  Red admiral butterfly
-  Large white butterfly
-  Painted lady butterfly
-  Monarch butterfly
-  Long-tailed blue butterfly
-  Owl butterfly
-  Pipevine swallowtail butterfly

-  Queen Alexandra's birdwing butterfly
-  Peacock butterfly
-  Lunar moth
-  Hummingbird hawk moth
-  Garden tiger moth
-  Comet moth
-  Darwin's hawk moth
-  Io moth

## FLIES

-  House fly
-  Hoverfly
-  Bee fly
-  Fruit fly
-  Crane fly
-  Horse fly
-  Flesh fly
-  Mosquito

-  Scorpion fly
-  Robber fly
-  Stalk-eyed fly
-  Alkali fly

## BEES, WASPS & ANTS

-  Honeybee
-  Bumblebee
-  Mining bee
-  Violet carpenter bee
-  Green sweat bee
-  Domino cuckoo bee
-  Leafcutter bee
-  Common wasp
-  Ruby-tailed wasp
-  Ichneumon wasp
-  Velvet ant
-  Black ant
-  Bulldog ant

## OTHER INSECTS

-  Common darter dragonfly
-  Green drake mayfly
-  Wandering glider dragonfly
-  Caddisfly
-  Antlion
-  American cockroach
-  Leaf insect
-  Stick insect
-  Praying mantis
-  Orchid mantis
-  Grasshopper
-  Leaf katydid

## SPIDERS

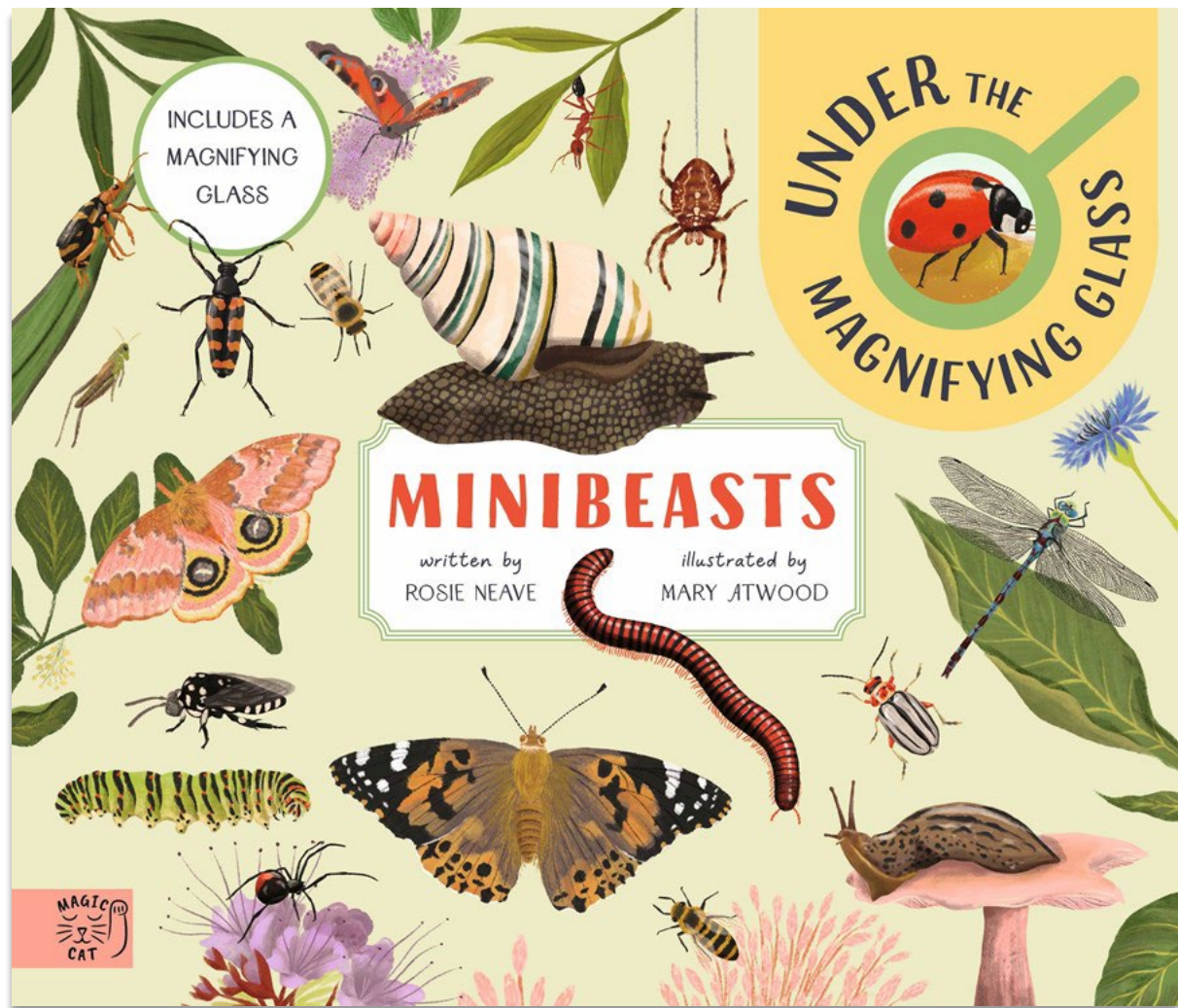
-  House spider
-  Garden spider
-  Spiny orb weaver spider
-  Flic flac spider
-  Golden orb weaver spider
-  Diving bell spider
-  Black widow spider

-  Jumping spider
-  Ladybird spider
-  Net-casting spider
-  Chaco golden knee tarantula
-  Wolf spider
-  Trapdoor spider
-  Spitting spider

## OTHER MINIBEASTS

-  Common woodlouse
-  House centipede
-  Giant desert centipede
-  Giant emerald pill millipede
-  Great pond snail
-  Giant fire millipede
-  Candy cane snail
-  Leopard slug
-  Red triangle slug
-  Common earthworm





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BENJAMIN ZEPHANIAH

# LEAVE THE TREES PLEASE



MELISSA CASTRILLÓN





## Leave the Trees Please

Benjamin Zephaniah (illustrated by Melissa Castrillon)

Follow a little boy's friendship and journey with one tree, in this powerful and beautiful love letter to nature.

- From one of the UK's greatest poets, Benjamin Zephaniah, comes a breathtaking new poem and story showing how trees offer us the perspective and connection to nature we crave in our daily lives.
- The final scene is an honest representation of the devastating effects of deforestation and urban development, encouraging all of us, everywhere, to 'leave the trees, please'

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Leave the trees, please.



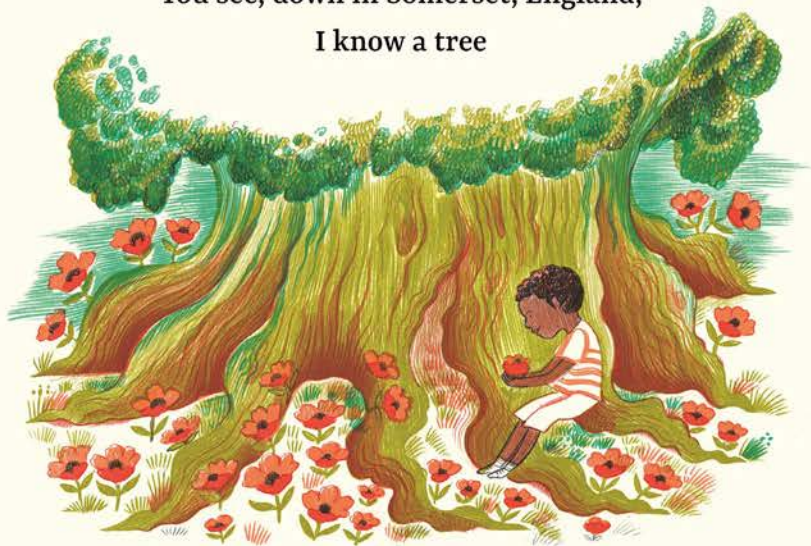
Because the trees  
work with the breeze

to put all living things at ease.





You see, down in Somerset, England,  
I know a tree



that is one thousand  
and five hundred years old.







Leave the trees, please.  
Because the trees



to put all living things at ease.





And they help the  
birds and the bees

old and wise are  
all of these,

so, leave the trees, please.





Just, leave the trees, please.





### PROFESSOR BENJAMIN OBADIAH IQBAL ZEPHANIAH

was born and raised in Birmingham, England.

Although he was dyslexic, he began performing poetry in his early teenage years, and left school aged 13. At the age of 22 he moved to London where he published his first book *Pen Rhythm*. Over the next four decades, Benjamin wrote 13 poetry collections, six novels, five children's books, and seven plays. He was passionate about issues that were global and local such as human rights and protecting the environment which feature in his work. He was widely considered to be among the first poets to address the climate crisis.

Published posthumously, *Leave the Trees Please* is Benjamin's legacy which reflects his love of nature and his belief that all living things on Earth deserve equal protection and should live in harmony.







## Leave the Trees Please

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Brown Bear Wood

it's  
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down in the  
**Woods**  
**Today**

friends to meet, places to explore  
and over 100 things to find

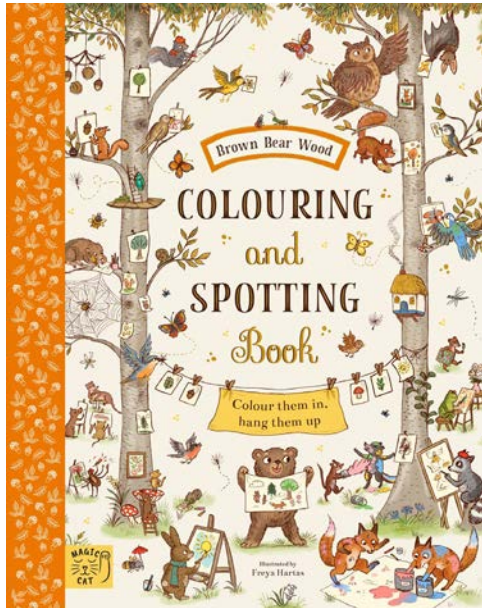
Poems by  
Rachel Piercey

Illustrated by  
Freya Hartas

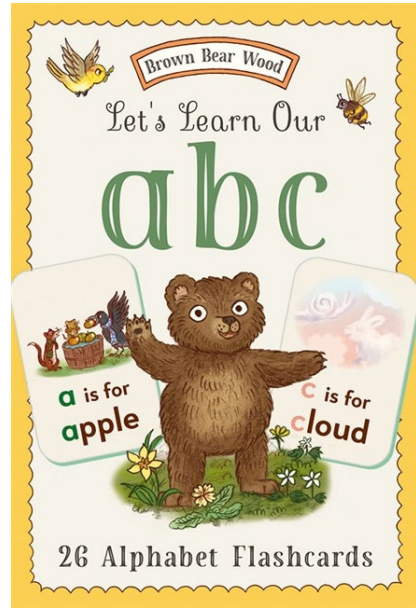
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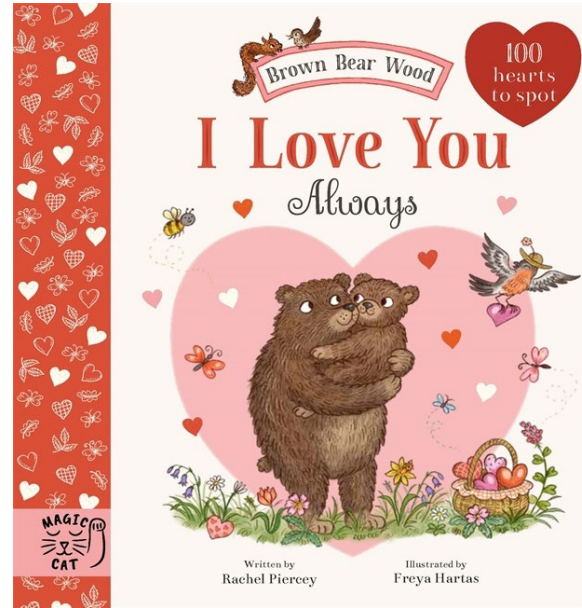
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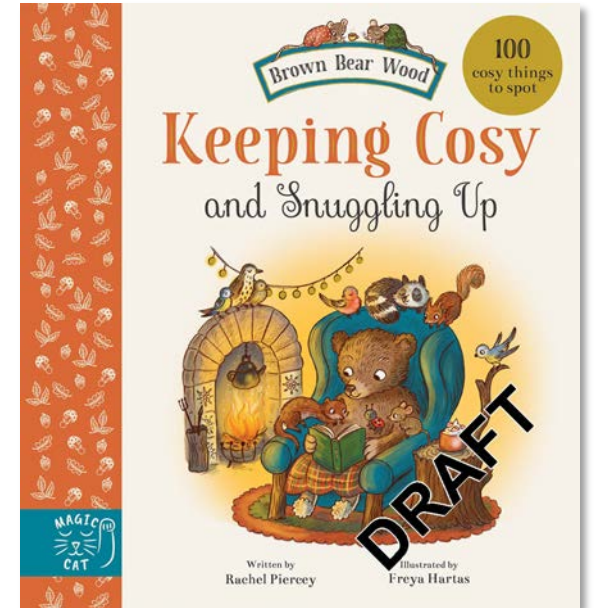
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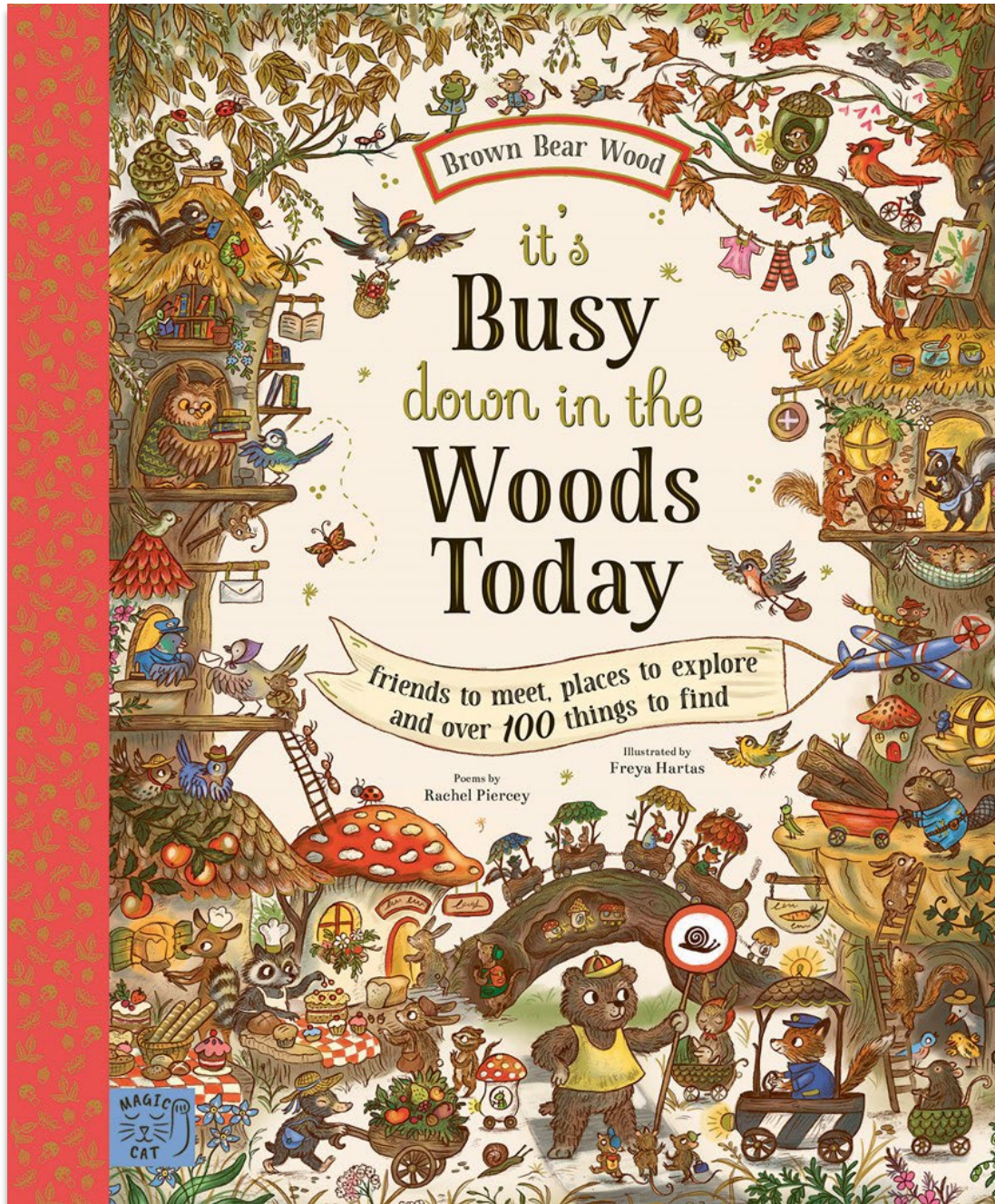


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# Brown Bear Wood: It's Busy Down in the Woods Today

**Friends to Meet, Places to Explore and Over 100 Things to Find**

Rachel Piercey (illustrated by Freya Hartas)

Enter the charming world of Brown Bear Wood and find out how everyone spends their days.

- In this first storybook of poetry for children aged 5+, follow Bear as he takes you through a day in his life, with lots of things to spot along the way.
- Features engaging spotting activities for young children, with spreads themed around familiar places, and a familiar cast of woodland friends to follow.
- A sure hit for fans of the well-loved first book in the series, *If You Go Down to the Woods Today*.

AGES 5 - 7

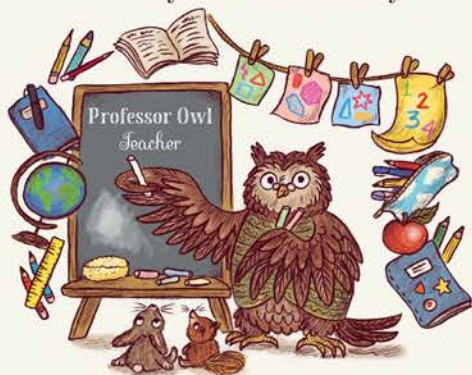
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## MEET THE TOWNSFOLK

Now, here you'll find some woodland friends.

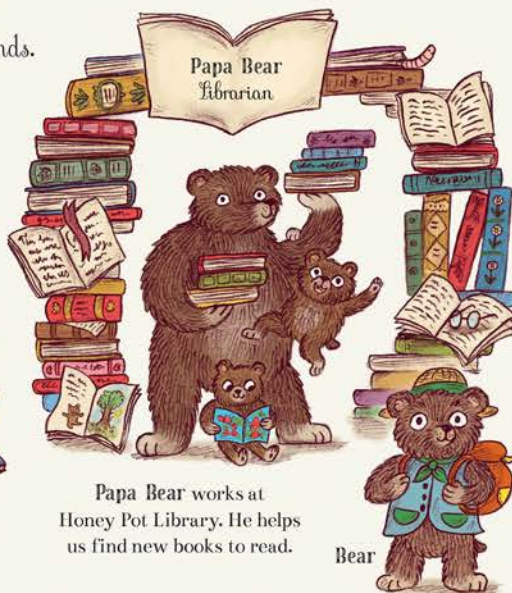
We'll greet them on our way  
and learn about the different things  
they make and do each day.



Professor Owl can be found  
at school, teaching us lots of  
interesting new things.

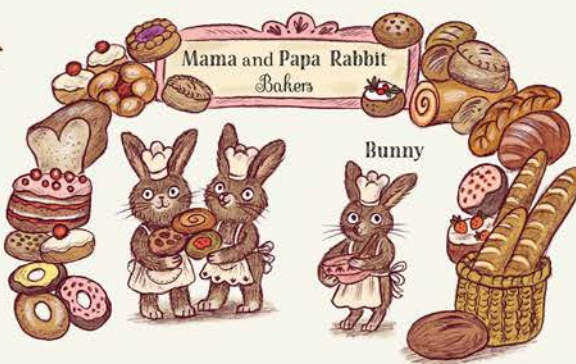


You'll come across Squirrel at  
Acorn Greens. His shop sells  
yummy fruits and vegetables.



Papa Bear works at  
Honey Pot Library. He helps  
us find new books to read.

Bear



Mama Rabbit and Papa Rabbit will be  
busy at Bunny's Bakery. They make and  
sell delicious bread and cakes.



You'll spot Papa Skunk with a  
hose in hand! He puts out fires.



Mama Fox is always on the move.  
She helps keep our woodland home safe.



Frog and Snake are always  
travelling, too. They help us if  
we get hurt or sick and take us  
to the hospital if we need to go.

At the forest hospital you'll find our team  
of woodland doctors and nurses. They make  
us feel better if we are unwell.



## GETTING READY FOR THE DAY

The sun is rising through the trees.  
The air is fresh and clear  
and loud with all the buzz and stir  
that tells us mornings' here!

We greet the day in different ways:  
up early with a smile,  
or bleary-eyed, or lying back  
and dozing for a while.

So roam around and take it in.  
There's plenty here to see,  
from shrill alarms to stretching arms  
and steaming cups of tea.

Then sit with me for breakfast time.  
Let's crunch and sip and chew  
and give ourselves the energy  
for all we've got to do!

## What to spot in the morning

- BEAR enjoying breakfast in the morning sunshine
- FOX CUBS jumping on the bed
- GRANDPA TOAD relaxing with a pot of tea
- PROFESSOR OWL writing in her journal
- BEES sipping morning dew
- MAMA RABBIT and PAPA RABBIT making a pile of packed lunches
- PAPA BEAR reading with the CUBS
- BABY WEASELS brushing their teeth
- GRANDMA BAT and GRANDPA BAT eating dinner
- GRAND OLD OAK enjoying a friendly chat
- The FAWNS bringing birthday breakfast to MAMA BEER
- NANA RABBIT and PAPA RACCOON watering the plants
- SKUNK getting a shock
- A bunk bed full of BABY BUNNIES
- SPIDER having a lovely dream
- SQUIRRELS picking strawberries for breakfast
- SNAKE doing some gentle yoga
- The PIGEON FAMILY enjoying a peaceful moment after singing in the dawn chorus
- BABY MUCC packing their backpacks for school
- A BABY CHIPMUNK getting tangled up
- FROG doing his daily workout





## ON THE HOP IN BUNNY'S BAKERY

Let's stop and see the yummy things  
the Rabbit family makes:  
a fresh and tantalising range  
of pastries, loaves and cakes!



Here's Bunny, in a baker's hat.  
He loves to lend a paw.



He bakes the most delicious things –  
his siblings are in awe!



He likes to look up recipes,  
both savoury and sweet ...

... and learn about the tools you need  
for every sort of treat.



He likes to whisk and sift and stir,  
and knead with all his might ...



... then share the goodies that he's made.  
So join me – take a bite!





## ON THE MOVE

The morning is a busy time.  
The woodland's setting out!  
And we have many varied ways  
that we can get about.

By wing or wheel or waterway,  
by foot (with paw or claw),  
we travel through the branches  
or along the forest floor.

Today, I'm on my bicycle.  
I love its swish and whirr  
and how the air goes rushing by  
to ruffle up my fur.

It's great, some days, to whisk along  
and get to places fast.  
Then other days, I like to walk  
and make the journey last.

What to  
spot as  
things go by

- BEAR riding his bicycle
- The SQUIRREL FAMILY rowing across the pond
- MAMA DEER and PAPA DEER pulling a wagon
- MICE getting a lift from a feathered friend
- NANA RABBIT with a queue of BABY BUNNIES

- A ZEBRA CROSSING and two red and yellow LOLLIPOP SIGNS
- Cartwheeling CHIPMUNKS
- The WEASEL FAMILY putting on their helmets
- SPIDER swinging through the branches

- PROFESSOR OWL having a quick snooze on the move
- FAWN absorbed in a book
- BUNNY putting on a pair of roller skates
- RACCOONS having a hopping competition

- BUTTERFLIES and DRAGONFLIES dancing together through the air
- FOX CUBS and SKUNKS racing on their scooters
- BEAVER in a yellow waterproof jacket and hat

- PAPA BEAR carrying the CUBS on his shoulders
- FROG crafting a raft made of fallen twigs
- A long column of ANTS
- Two MOLLS popping up to see where they are





## TIME FOR SCHOOL

We've reached our lovely woodland school.  
I'll show you – step this way!  
And here's our dear Professor Owl,  
who greets us every day.



She teaches us important skills,  
as patient as can be ...



... then watches over playtime games  
and sips a cup of tea.



She joins in when we paint and draw.



She makes things fizz and boom!



She reads aloud so beautifully,  
a hush falls on the room.



And then we pack and tidy up.  
We thank her for the fun ...



... then run and greet our families,  
to tell them all we've done!





## A VISIT TO THE GREENGROCER

I like to take my time in here.  
There's treasure to be found!  
The kind you find on laden trees  
or growing in the ground.

It's laid out now in tempting heaps,  
in smooth and knobbly rows.  
The rainbow colours catch the light.  
The whole place gleams and glows.

I'll stroll around and pick and choose  
from all the shelves and tubs!  
A scrumptious snack for Papa Bear ...  
and something for the Cubs ...

And then I think I'll close my eyes  
and breathe the sunny air.  
With all these fruits and vegetables,  
the scent's beyond compare.



What to  
spot at the  
greengrocer

- BEAR stocking up on berries
- Two WEIGHING SCALES
- Three sacks of POTATOES
- WOODPECKER painting a picture

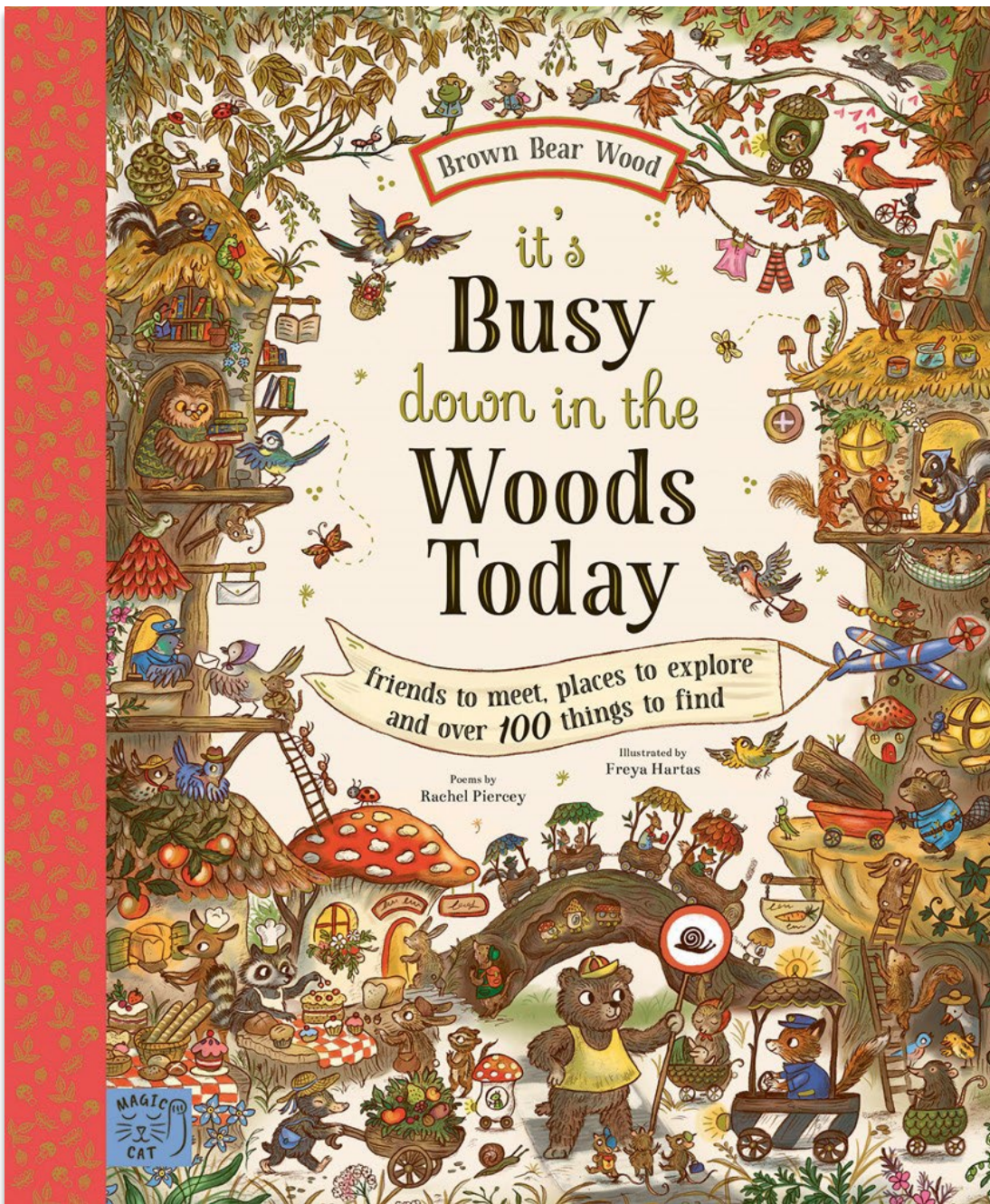
- A WHEELBARROW full of vegetables
- NANA RABBIT picking a lettuce
- The BEAR CUBS being helpful
- CHIPMUNKS making jam

- A stack of BASKETS
- Three SPADES and two FORKS
- A big pile of CHERRY STONES
- GRANDPA TOAD with a bunch of herbs

- DEER and RACCOONS enjoying a crunchy salad
- A barrel full of RAINWATER
- SKUNKS shelling peas
- Five WATERING CANS

- A GREENHOUSE and a GARDEN SHED
- A decorated CAKE
- BABY ANIMALS making a rainbow out of fruits and vegetables





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**Friends to Meet, Places to Explore and Over 100 Things to Find**

Rachel Piercey (illustrated by Freya Hartas)

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Brown Bear Wood

100  
newborn  
things  
to spot

# New Baby Bunny



Written by  
Rachel Piercey

Illustrated by  
Freya Hartas

MAGIC  
CAT





100  
newborn  
things  
to spot

# New Baby Bunny



Written by  
Rachel Piercey

Illustrated by  
Freya Hartas

## Brown Bear Wood: New Baby Bunny

### 100 Newborn Things to Spot

Rachel Piercey (illustrated by Freya Hartas)

Join Bunny as they prepare for a new sibling in this brand-new board book from the creators of the internationally bestselling Brown Bear Wood series.

- Help Bunny prepare for baby's arrival in this gentle board book which celebrates welcoming a new family member to the burrow.
- With sweet rhyming text and an interactive search and find element, this is the perfect book to read with little ones to help them feel excited about welcoming a new sibling.

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Board Book  
180 mm x 167 mm  
Magic Cat Publishing





Today's a very special day:  
a new arrival's on the way!



Let's wave goodbye, then sort and clear  
and help for when the Baby's here.





20

Let's find and gather up the toys  
which make a gentle, joyful noise.

We've twenty rattles: pick them out  
for little paws to shake about.







20

A blanket or a cosy rug  
will help keep Baby nice and snug.

We use them when we're older, too.  
Count twenty here, in every hue.







20

Some sunflowers, so tall and bright,  
will fill the burrow with delight.

Find twenty blooms around the place  
and count each golden, glowing face.







There's one last item to prepare:  
our Baby needs a teddy bear!

A special gift, these friends agree.  
We've twenty of them – can you see?







20

It's nearly time to celebrate!  
Count twenty presents, while we wait...

Now finally, the time has come  
and Mummy's home with little one.







100  
newborn  
things  
to spot

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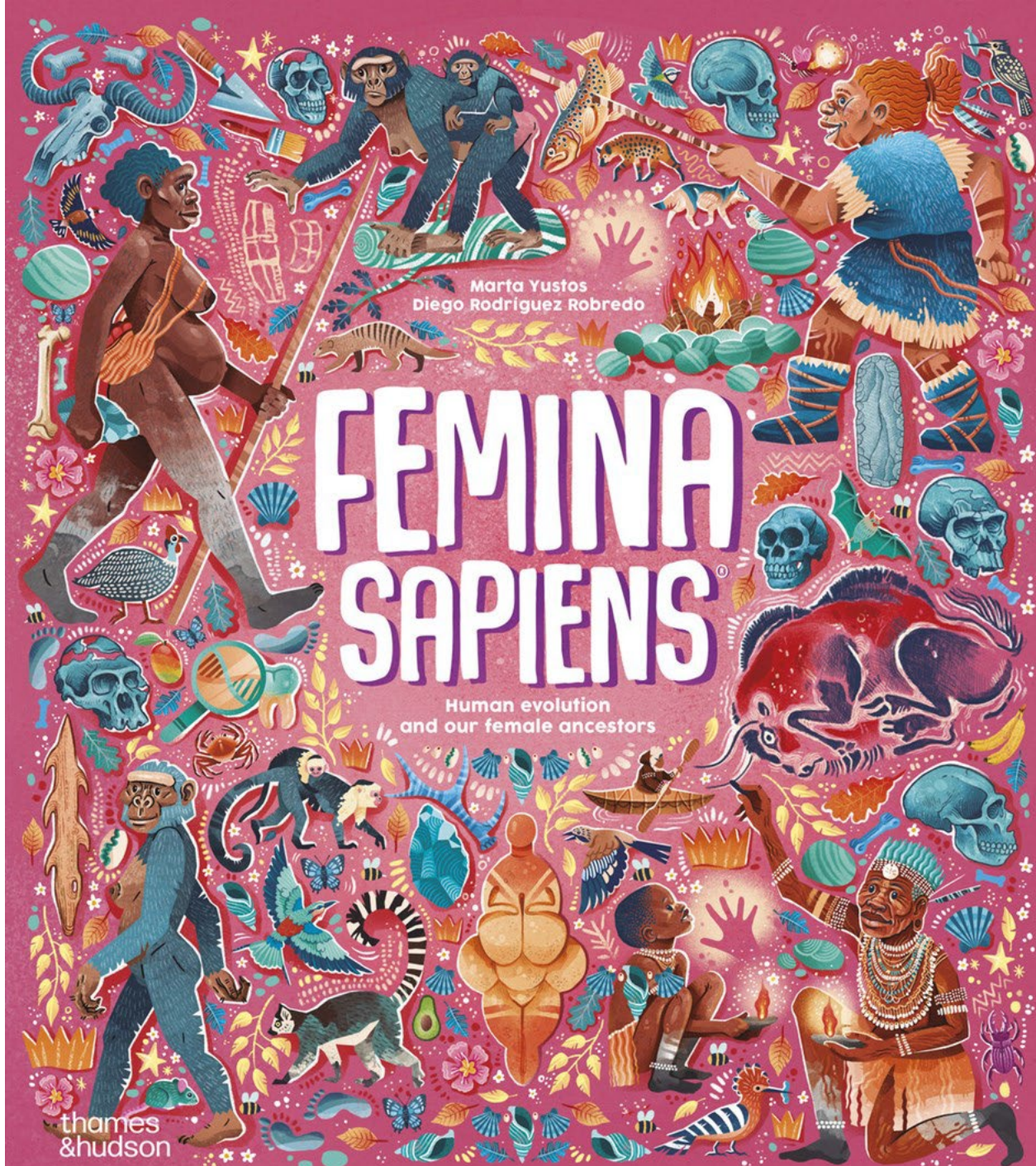
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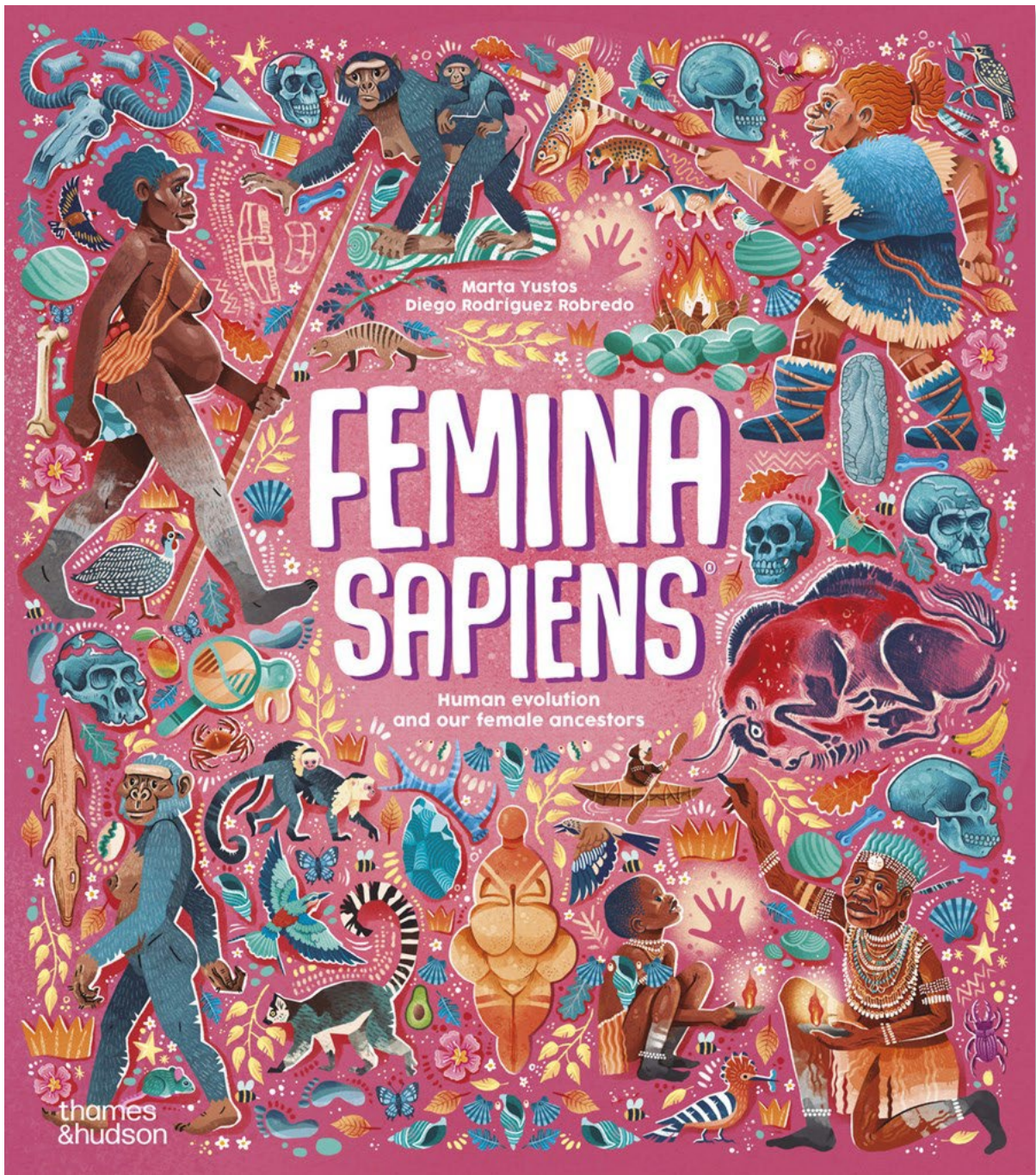
Marta Yustos  
Diego Rodríguez Robredo

# FEMINA SAPIENS

Human evolution  
and our female ancestors

thames  
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# Femina Sapiens

Marta Yuste

You may have heard of early man, but what about early woman? Today's humans belong to the species Homo sapiens but we evolved from many species that came before.

This fabulously illustrated book travels back in time and follows some of the many branches on the human family tree to meet our many-times-great grandmothers and grandfathers and find out what their lives might have been like. Where did they live? What did they eat? When did they start using tools, making fire or creating art? What's more, this journey focuses on female fossil finds and what scientists have learned through them. We'll meet ancestors such as Lucy, who walked on two feet, Benjamina, who was cared for by her family, and the tiny Flores Woman. This change of perspective offers a fresh and fascinating way of looking at early human history and how we became what we are today.

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# STANDING TALL

Around 4 million years after Ardi, new branches began to appear on the evolutionary tree. A new genus appeared: *Australopithecus*, whose name means 'southern ape'. Members of this genus are known as australopithecines. Living in eastern and southern Africa, australopithecines were a lot like other apes, with a short stature, small brain and relatively long arms. However, they were bipeds that lived in the forests and savannah woodlands, enjoying a diet rich in leaves, fruits, small animals and insects.



*Australopithecus afarensis*  
"Lucy" (AL 288-1)

## Lucy

Perhaps our most famous female ancestor is Lucy, a young hominin from the species *Australopithecus afarensis*. She lived in the wooded savannahs of Ethiopia 3.2 million years ago. Her discovery proved that our ancestors began to walk on two feet thousands of years before they developed larger brains.

This three-year-old female hominin is the most complete fossil of an *Australopithecus* child. She's been named Selam, which means 'peace'.

One of the most complete *Australopithecus* skulls ever found belonged to a female of the species *Australopithecus africanus*. She's now known by the nickname of Mrs Ples.

This well-preserved skeleton of a *Australopithecus sediba* female is 2 million years old. Nicknamed Issa, she may have been one of the last of her species.



Selam



Mrs Ples



Issa

Lucy and Selam were discovered in the Afar region of Ethiopia.

Site of Laetoli in northern Tanzania

Mrs Ples and Issa were found in South Africa.

## Footprint trails

Around 3.6 million years ago, a group of *Australopithecus* were walking across the savannah, through ash from a nearby volcano. When it rained, they left footprints in the wet ash. Over time, the prints were covered by volcanic rock and preserved. These footprints, found at Laetoli in northern Tanzania, show that *Australopithecus* walked upright and had similar feet to ours, with a big toe that was parallel to the others.

Chimpanzee footprint

Human footprint

*Australopithecus* footprint (Laetoli)

Lots of other animals also left footprints in the ash, ranging from giraffes and rhinoceroses to tiny beetles.





# A FAMILY PORTRAIT

More than 400,000 years ago, the pre-Neanderthals (*Homo heidelbergensis*) lived in the Atapuerca Mountains. They looked similar to us, but they were stronger and stockier. They hunted bison and other animals, but it's likely that they ate a lot of plants and fruits too.

## The Pit of Bones

This is one of the most famous archaeological sites in Atapuerca. Thousands of wonderfully preserved bones have been found here. The bodies of around thirty people were thrown into this pit after their death. This might be the earliest evidence of a prehistoric burial.

'Excalibur' handaxe  
The only tool found in the Pit of Bones



## Ancient DNA

The Pit of Bones is where the oldest known human DNA was found. It shows that these people were the direct ancestors of the Neanderthals.

## A beloved girl

Among the human remains found here was a small skull. It belonged to a girl who was born with a disability. Nicknamed 'Benjamina', she survived to the age of around ten, so her family must have cared for and protected her until then.

Benjamina

## Hunting

We know that the pre-Neanderthals were very social because they worked together in groups to hunt bison.

## A group of equals

The pre-Neanderthals of Atapuerca used their mouths like a third hand, gripping pieces of meat between their teeth then cutting them with a sharp stone blade. This action has left small marks on their teeth, which show that most pre-Neanderthals were right-handed, and that both men and women did the same sorts of daily activities.

Several Atapuerca fossils show that the pre-Neanderthals cared for injured and less able members of their group.



# UNSOLVED MYSTERIES

Sometimes fossils are discovered that change everything we think we know about the past and our ancestors. This was what happened following the discovery of the two species you are about to meet.

## A new combination

Imagine putting several hominin species into a pot and giving it a good stir. What would you get? Perhaps something similar to *Homo naledi*, a human ancestor discovered at the Rising Star caves in South Africa. They had a similar body and brain to *Australopithecus*, but with a more human face. Their hands were also more like those of present-day humans so they could handle objects like we can.



**Homo naledi**  
'Leti', a child between 4 and 6 years old.

With this unusual combination of ancient and modern features, the scientific team thought this species must have lived alongside the earliest *Homo* species, 2 million years ago. Surprisingly, however, it was found that they lived between 335,000 and 235,000 years ago – in other words, at the same time as the Neanderthals and early *Homo sapiens*!

Rising Star caves

Early Homo sapiens camp

Cavern with *Homo naledi* remains

Narrow passageways

## Underground astronauts

**Rising Star Cave**  
5:00 • X

We need perhaps three or four individuals with excellent archaeological/paleontological and excavation skills for a short-term project... The catch is this – the person must be skinny and preferably small.

An ad was posted on social media to find people who could crawl through the narrow Rising Star cave system, in order to dig up and remove the *Homo naledi* fossils. Lots of people applied, and six young women were chosen for the job. They were nicknamed the 'underground astronauts'.



## Flo, or the Lady of Flores

The most complete skeleton from this species is an adult female who was just over one metre tall, weighed around 25 kg and whose brain size was similar to a chimpanzee's. How did these little people end up here? Did they ever come into contact with *Homo sapiens*? We don't yet know the answers.



**Homo floresiensis**  
'Flo' (LB1)



## Size matters!

*Homo floresiensis* shared the island with dwarf elephants, giant rats and Komodo dragons. How did this come about? Well, living on a small island means less space, fewer resources and not as many predators. In evolution terms, that means that big animals tend to grow smaller, while small animals get bigger.

## Small but perfect

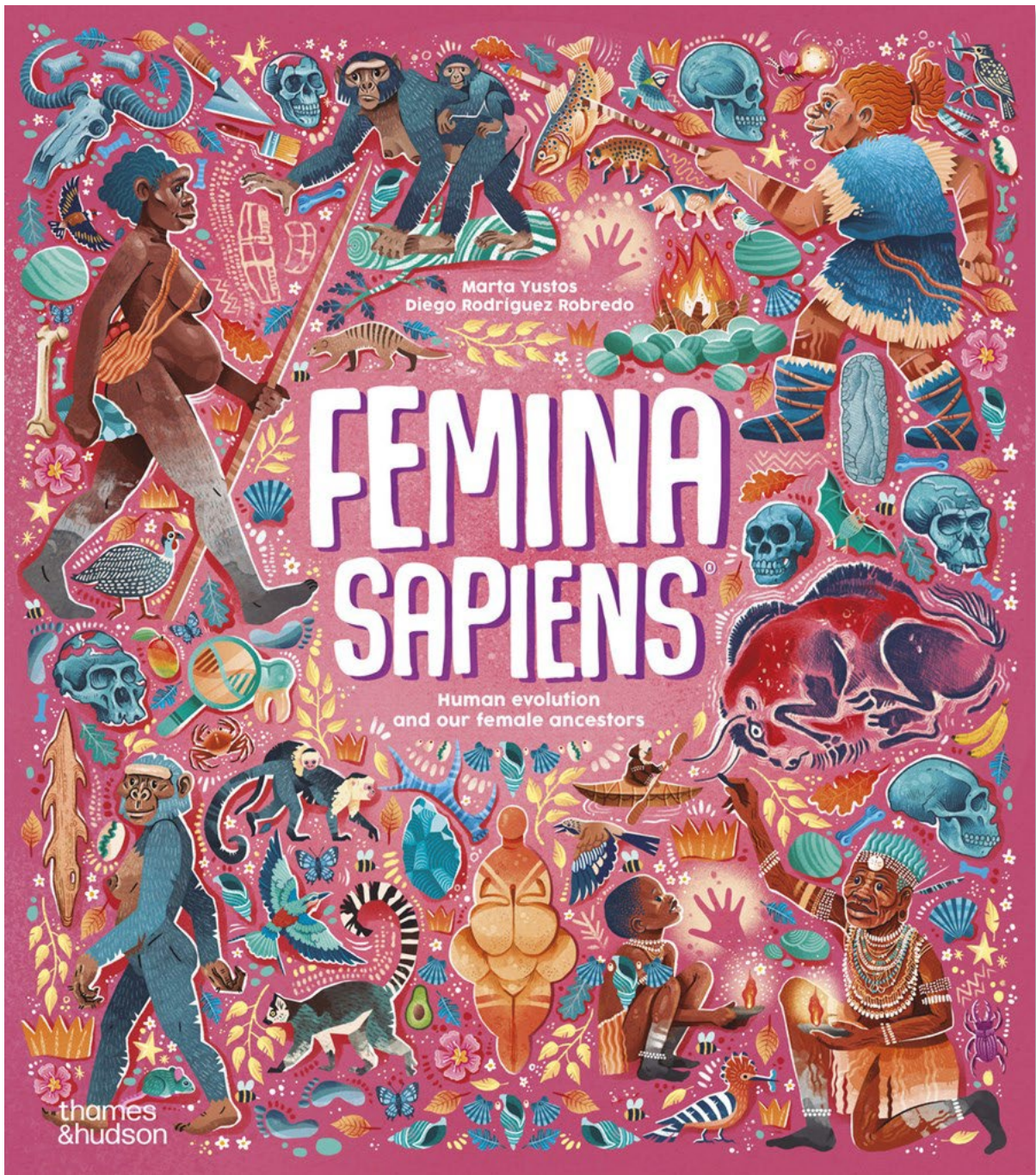
On the other side of the Indian Ocean, on an island called Flores in Indonesia, a team of researchers discovered the remains of the early humans that lived in this remote place between 100,000 and 50,000 years ago. This find caused a stir among scientists because *Homo floresiensis* seemed to be a much smaller version of a modern human. No one had ever heard of hominins like these, and they were nicknamed 'hobbits'.

Island of Flores

180 cm

100 cm





# Femina Sapiens

Marta Yuste

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# SKY HIGH!

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# Sky High!

## A Soaring History of Aviation

Jacek Ambrozewski

This charming history of aviation covers every contraption that flies in one spectacular comic album about our conquest of the skies.

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- Brings to life most notable inventors and contributors to aviation history as a way to engage the reader.
- Comprehensive: The book brings together a wealth of information on the history of flight from the earliest attempts to the latest technological marvels.
- By approaching science from a creative and narrative angle, the title taps into the current trend for books that teach "STEAM" (science, technology, engineering, art, and math).
- A large format book filled with a trove of information and appealing illustrations.
- For young plane spotters, this is the ultimate book on the history of flight featuring the most amazing planes and machines ever conceived and created.

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Hang gliders, parafoils  
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**74**

#### **SUPERSONIC HARMONY**

Concorde

**80**

#### **HEAD-SPINNINGLY FAST**

The MIG-29 and air force  
pilot training

**86**

#### **SAFETY ON BOARD**

Why there's no need  
to be afraid of flying

**92** 🚁

#### **CHOOSE YOUR CHOPPER**

Modern helicopters

**98**

#### **FURTHER, FASTER, CHEAPER**

The Boeing 787  
Dreamliner

**56**

#### **ROTOR REVOLUTIONS**

Alternative  
helicopter designs

**64**

#### **DO IT YOURSELF**

Homebuilt  
kit planes

**70**

#### **A PLANE WITH A HUMP**

The Boeing 747  
Jumbo Jet

**76**

#### **PEDAL POWER**

The Gossamer  
Albatross and  
human-powered  
aircraft

**82**

#### **HOW DO YOU DESIGN A PLANE?**

The Rutan Voyager

**88**

#### **INVISIBLE AIRCRAFT**

The Northrop Grumman  
B-2 Spirit and stealth  
technology

**94**

#### **THE MULTITASKER**

The Lockheed C-130  
Hercules

**100**

#### **BUSY BEES**

Unmanned aerial  
vehicles, better  
known as drones

**58**

#### **TITANIUM BLACKBIRD**

The Lockheed SR-71  
and pressure suits

**66** 🌡️

#### **A BREATH OF HOT AIR**

Modern hot air  
balloons

**72**

#### **A TRUCK WITH WINGS**

The Boeing 747 Cargo

**78** ➤

#### **FALLING WITH STYLE**

Glider and thermal  
columns

**84**

#### **LEARNING TO FLY**

Flight simulators and  
the Airbus A320 cockpit

**90** 🚁/✈️

#### **PLANE OR HELICOPTER?**

The Bell Boeing  
V-22 Osprey

**96**

#### **WATER BOMBERS AND HURRICANE HUNTERS**

Specialist planes

**102**

#### **THE SUN-SEEKER**

The Solar Impulse 2 and  
its around-the-world tour

**60**

#### **THE MECHANICAL HAWK**

The Hawker Siddeley  
Harrier and aircraft  
carriers

**104**

#### **INDEX**



## MONOPLANE, BIPLANE, TRIPLANE THE PLANES OF THE FIRST WORLD WAR

Once the basics of flight were understood in the early 20th century, people began to wonder. Was a biplane, like the Wright Flyer I, the most efficient type of flying machine? Inventors began to experiment with different numbers and arrangements of wings. They tried using new materials as

well, slowly replacing wood with metal, which was stronger and more hard-wearing. At the same time, lighter and more powerful engines were invented. The first decade of the 20th century was a busy time in the history of flight! The outbreak of the First World War led to many advances in aviation

The achievements of French pilot Louis Blériot put monoplanes in the spotlight and made them increasingly popular.

Louis Blériot flew his monoplane across the English Channel, showing that this kind of plane had a lot of potential.

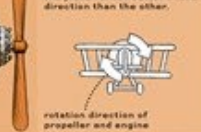


Soon afterward, a new type of engine began to be used in planes: the rotary engine. It was light and powerful but quite complex.

The rotary engine turned with the propeller. That meant it cooled better and produced more power with the same mass.



But the rotary engine also had flaws. In the air, the heavy, quickly-spinning engine meant the plane turned better in one direction than the other.



The plane turned very easily in the direction the engine was spinning...



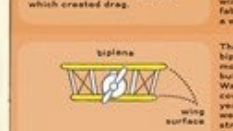
...but it was much harder to turn in the other direction.



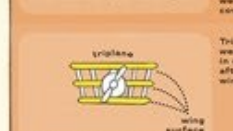
To carry the weight of the plane, the wings need to have a large surface area. This can be split across multiple wings. During the First World War, manufacturers tested planes with one, two and three sets of wings. Each arrangement has advantages and disadvantages.



Monoplanes were light and simple but the single set of wings had to be long enough to generate enough lift. They also required more bracing wires, which created drag.



Biplanes had a more complex structure but were more rigid. The wing surface was split across two wings, which could be shorter than the wings of monoplanes. This made the plane more agile.



In triplanes, the wings could be even shorter and narrower, which made the planes more agile and gave the pilot better visibility. But they were complex and expensive machines.

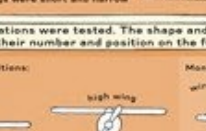
The fuselage of the Fokker E.III monoplane was made of welded steel tubes, strengthened with wires and covered with fabric. Metal sheeting covered the nose of the fuselage.



The long, thin, narrow wings were made of fabric stretched over a wooden frame.



The Sopwith Camel F.1 biplane was one of the most successful planes built in the First World War. It was made of wood covered in fabric. For many years, biplanes like this one were very popular. They struck a balance between durability and drag.



Over the years, many other configurations were tested. The shape and length of the wings could vary (in the same way that birds' wings do), and their number and position on the fuselage could also be altered.

Monoplanes could have different wing positions:



Monoplanes wing supports could also vary:



Wings came in different shapes, too:



The wings are supported by struts.



Long and short wings:



because the side that had the best technology stood a better chance of winning. At the start of the war, it wasn't clear how these new machines could be used in battle, but they were soon put to work. And new types of aircraft were built too: the planes that fought in the sky over Europe could have one, two or even three sets of wings! When the war came to an end in 1918, just fifteen years had passed since the Wrights'

first flight. Over this period, planes had gone from being a pastime for inventors and thrillseekers to complicated, solid, mass-produced machines, and flying a plane became a proper profession. But did all these efforts mean the ideal plane had finally been invented? No, not quite. OTHER INTERESTING AIRCRAFT FROM THIS PERIOD: Albatross D.III • Fokker D.VII • Nieuport 11 • Nieuport 17 • SPAD S.VIII

At the start of the war, planes were used in the same way as kites and balloons were previous used: to observe the enemy position from the sky. This all changed when they were fitted with machine guns and a new type of aircraft was created: the fighter plane. Pilots now fought battles in the air, known as dogfights.



To defeat the enemy, the pilot had to point his plane toward his opponent. The best position was to sit on your opponent's tail: this meant following close behind him.



In aerial combat, pilots had to confuse their enemy. This required great skill, understanding of the plane, and cunning! Fighter pilots who had shot down at least five enemy planes were nicknamed "flying aces". Some of their best moves are still used today in aerobatics, the art of performing complicated flying manoeuvres. SEE P. 30

Dogfights brought a new problem for pilots: how to distinguish between your own side and the enemy? Countries began to put national insignia on their planes. You can see a selection of these insignia inside the front cover of this book.



One flying ace was the German pilot Manfred von Richthofen. He was nicknamed the "Red Baron" because he flew a red Fokker triplane.



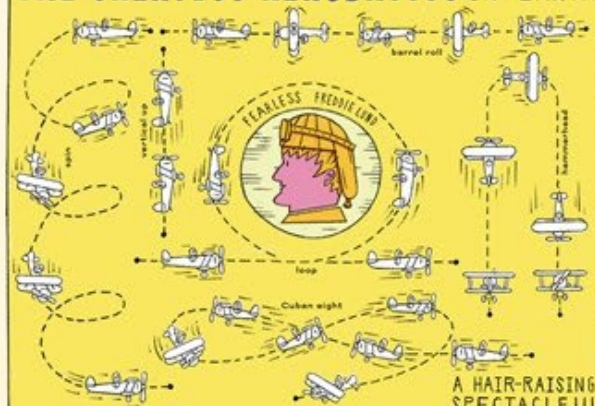
## AERIAL TENNIS AND WING WALKS AEROBATICS AND FLYING CIRCUSES

The story of aviation is packed full of daredevils who were ready to risk life and limb to make it into the history books. True flying mania struck once the First World War came to an end and experienced pilots began to put their new skills to use. What's more, no air traffic rules existed yet and anybody

could fly if they wanted to: all you needed was a pilot's licence and a plane! Pilots were soon joined by young thrillseekers who couldn't fly but were hungry for adventure and fame. They formed performing groups called "flying circuses," which were particularly popular in the USA and toured the entire

Pilots who had flown in the First World War could do a lot of impressive stunts. In fact, they were often the very first people to perform them. Nowadays, aerobatic manoeuvres are part of a pilot's training and you can see them being demonstrated at air shows.

### THE GREATEST AEROBATICS SHOW ON EARTH



**A TROUPE OF WAR VETERANS**

**G.A.T.E.S. FLYING CIRCUS**

**PEOPLE WHO DIED WITH DEATH!**

**FEATURES:**

**KATHERINE STINSON**  
IN A SKYWRITING DISPLAY

Women played a big part in the development of aerial acrobatics. At a time when some people still believed that a woman couldn't fly a plane, let alone perform difficult stunts, many women got their pilot's license at a young age and succeeded in becoming experienced pilots and performers by the time they reached their twenties.

**"THE FLYING SCHOOLGIRL"**  
**KATHERINE STINSON**  
IN A SKYWRITING DISPLAY

**SHE'S ONE OF A KIND**  
**BESSIE COLEMAN**  
QUEEN OF AEROBATICS  
SHE PUTS GRAVITY TO THE TEST!

Performers in flying circuses didn't only feature planes in their displays. Parachutes were often a star attraction too. Emergency parachutes were already in use in this early period, but they didn't acquire their modern shape until after the First World War. At first, the rolled-up parachutes were stored inside the plane, not worn by the pilots. Soft "backpack" parachutes began to become common in the 1920s.

### THE BLACK EAGLE OF HARLEM

**HUBERT JULIAN**

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There are several stages to opening a parachute.

When the jumper is at a certain altitude, they pull a rip-cord which releases the pilot chute, a mini-parachute.

The pilot chute fills with air and pulls out the main parachute.

...and the jumper can float safely to the ground.

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country. There was always plenty to see at a flying circus. The entertainment might include displays of wing walking, races between planes and cars, and people transferring from one plane to another in mid-air. And that was just the beginning. Some of the tricks on show boggled the imagination! And very sadly, some daring stunts also ended in disaster, not just for the pilots and performers but occasionally for the watch-

ing crowds too. Eventually, strict rules were put in place to improve safety conditions and reduce the risk of a terrible accident in the name of entertainment. Modern air shows are much safer for everyone involved, but can still be incredibly exciting to watch. **OTHER INTERESTING CHARACTERS FROM FLYING HISTORY:** Jerry Bajan • Pascho Barnes • Gladys Ingle • Ormer Locklear • Phoebe Omlie • Roscoe Turner

After the First World War, the US Army began to sell off its old planes, which meant that many were available for a relatively low price. These included the Curtiss JN-4 biplane, which was often used as a training plane for learning the basic skills of flying. Nicknamed the Jenny, the JN-4 became popular with flying circuses and lots of performers used them as stunt planes.

**FEARLESS WING WALKER LILLIAN BOYER HANGS HIGH IN THE SKY**

**A SHOW LIKE NO OTHER**

**GLADYS ROY AND IVAN UNGER WILL PLAY A MID-AIR TENNIS MATCH ON A CURTISS JENNY PLANE**

**THE FAMOUS CURTISS JN-4 JENNY**

**SPECIAL OFFER ON PLANE RIDES!!! 5 CENTS**

Unfortunately, these flying daredevils often paid the ultimate price for their breathtaking exploits. But this didn't stop huge crowds from gathering to watch them wherever they performed. Some of them became wildly popular. One of the most famous, Lincoln Beachey, claimed that 20 million people had seen him in action!

**THIS TUESDAY! DAREDEVIL • FLYING • ACE LINCOLN BEACHEY DARES TO FLY OVER THE NIAGARA FALLS**

**! AN ASTOUNDING SPECTACLE !**

**TICKETS - 50 CENTS**



## SKY GIANTS • THE LZ 129 HINDENBURG AND THE GOLDEN AGE OF AIRSHIPS

Are planes the future of aviation? In the 1930s, the answer to that question was still unclear. The reason for this was the invention of the airship: a type of lighter-than-air aircraft (also known as an aerostat). Airships are similar to hot air balloons but are powered, and have flight control surfaces,

which means that they can be flown in a much more controlled way than a balloon. Instead of being filled with hot air, they are usually filled with gases that weigh less than air. This works in the same way but the interior of the aircraft doesn't require constant heating. The first airships were made in

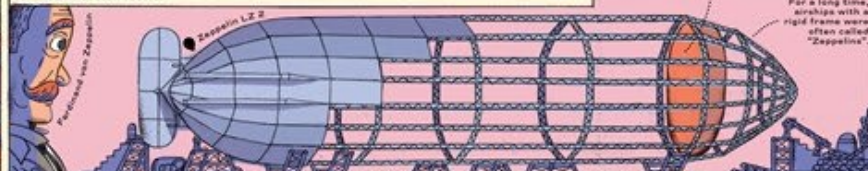
the mid-19th century, and over the next fifty years, inventors continued to produce newer versions that were more advanced. But in the early 20th century, the whole world became so fascinated by planes that airships were almost forgotten. In the 1930s, however, they were brought back with a great fanfare. These gentle giants criss-crossed the world's skies and had many advantages as a form of trans-

port. They used less fuel and flew further than planes, they were faster than ships, and they were quiet and comfortable to ride (although very expensive too). The golden age of airships was short-lived, however, but these impressive craft will forever be part of aviation history. • OTHER INTERESTING AIRSHIPS: USS Akron - Italia - LZ 127 Graf Zeppelin - USS Macon - Norge - Parosval - R100 - R101 - Roma - Zeppelin NT "Lech"

The first airship, also called a dirigible, was built by the Frenchman Henri Giffard. It took three hours to travel 27 km (16 miles).



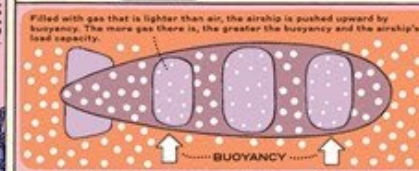
The airships designed by the German general and engineer Ferdinand von Zeppelin were an important technological breakthrough. They had a light frame of duralumin covered in cotton fabric.



The gas was stored in about a dozen airtight chambers.

For a long time, airships with a rigid frame were often called "Zeppelins".

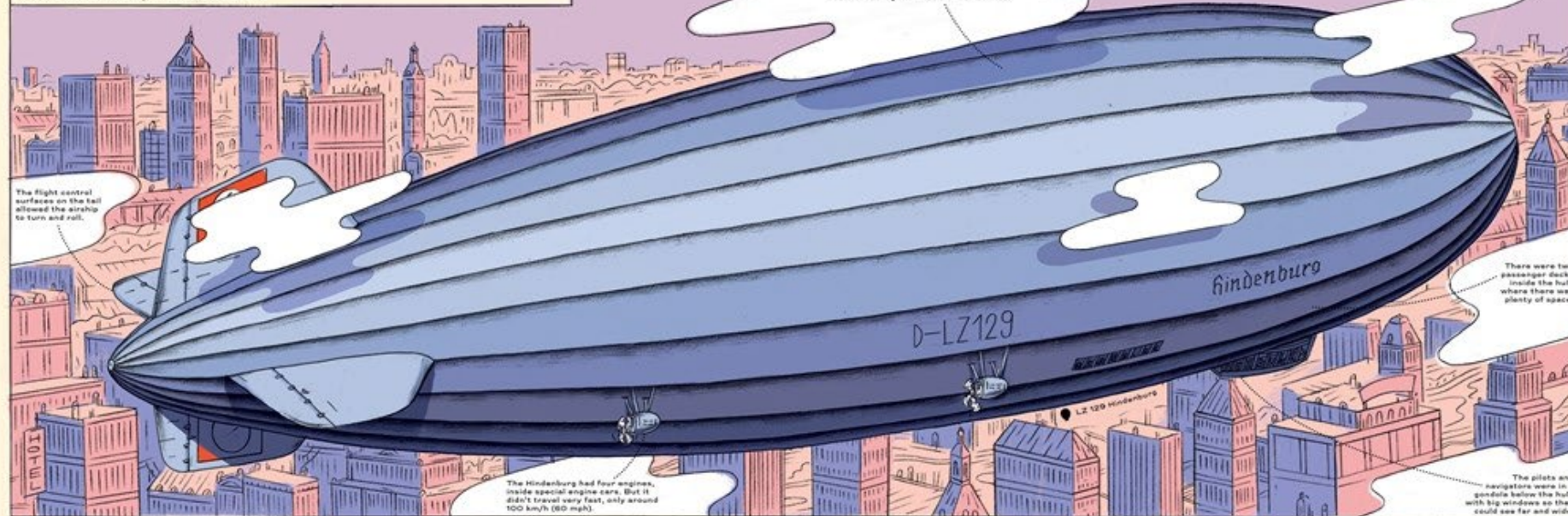
Most airships are filled with a gas that is lighter than air, usually hydrogen or helium. But the general principle is the same as for hot air balloons.



Airship engineers were faced with a dilemma: which gas should they use?



In the late 1920s, airships were the first aircraft to transport passengers between Europe and North America. But despite their size, they couldn't carry very much. The biggest airship, the LZ 129 Hindenburg (1936) could transport between fifty and seventy passengers and a similar number of crew members. That year, the Hindenburg crossed the Atlantic around a dozen times. Wherever it went, it caused a sensation!





## A TRUCK WITH WINGS THE BOEING 747 CARGO

What do mangoes, antique statues, fresh salmon and live elephants have in common? They can all travel by plane! Thanks to the cargo planes that criss-cross the skies above our heads, all kinds of goods can be shipped all over the world. Some cargo planes are specialized aircraft that only transport large

freight, but most are not very different to passenger planes. Some actually used to carry passengers, until the seats were removed and they were adapted for transporting goods. What sort of things do they transport? Well, a large proportion of their cargo is made up of products that wouldn't survive

a long journey by boat, such as fresh fruit and vegetables. Another possibility is medicines or vaccines that are urgently needed on another continent. However, those are just a few common examples. Planes are also regularly used to transport extremely rare or valuable items, such as works of art or precious stones, because it's easier to keep an eye on very expensive goods that way. But in practice, almost anything can

be loaded onto a cargo plane. When you place an online order for something from the other side of the world and it reaches you within a few days, you can be sure it travelled by plane at some point. And if you're eating strawberries in the middle of winter, they probably arrived the same way! **OTHER INTERESTING CARGO PLANES:** Antonov An-124 • Antonov An-224 • Airbus Beluga • Boeing Dreamlifter



One commonly seen cargo plane is the freight version of the famous Boeing 747 jumbo jet. Depending on the model, it can carry cargo weighing between 100 tons and more than 130 tons. That's the weight of a whole herd of elephants!

Carrying freight can be trickier than carrying passengers. That's why many airlines specialize in this kind of transport.

Freight planes usually use a different part of the airport to passengers. This kind of separate building is called a terminal.



Freight planes can carry an extraordinary range of things. It's not only fruit that whizzes through the sky, 10 km (6 miles) above our heads. A plane could be loaded with anything from dinosaur bones to works of art or live animals!

This Tyrannosaurus skeleton is heading from Austria to Spain for a temporary exhibition.



A brand new car design is being sent from a factory in the UK to a trade fair in Germany.



These horses are flying from a stud farm in Ireland to a racecourse in the United Arab Emirates.



Two elephants are going from South Africa to Angola to start a new life in a national park.

A painting by Dutch artist Piet Mondrian is heading from the Netherlands to Australia for an exhibition.



A set of statues from the famous Terracotta Army are flying from China to the USA, where they'll be displayed in museums.



## CHOOSE YOUR CHOPPER ✈️ MODERN HELICOPTERS

Many decades have passed since the first rotorcraft were invented (1853-1860). Helicopters today are very different from their earliest ancestors. They're much faster, quieter, more reliable, and fitted with modern flight control systems. Their main advantages are their ability to hover and to take off and

land on almost any terrain, making them extremely useful in a huge variety of situations. They can be used to transport troops or put out fires, for search and rescue missions or tourist sightseeing, for chasing criminals or aerial filmmaking. For this reason, they are available in many different types,

Modern helicopters can be powerful, resilient and fast. This last quality is especially important when they're used by emergency services. A popular choice for air ambulances is the Eurocopter EC135. The team, which consists of a pilot and two medical crew, are ready and waiting, so when an emergency call comes in, the helicopter is in the air within a few minutes!

Like most modern helicopters, the Eurocopter is powered by turboshaft engines, which work in a similar way to turbojet engines (EC135-40). Its greatest asset is its lightness. Each Eurocopter engine weighs less than those on a Robinson R-22 (see below), but is four times more powerful!

An enclosed rotor like this is called a fenestron. It's quieter than a normal rotor, safer for people on the ground and less easily damaged.



The EC135's spacious cabin can fit eight. But in the ambulance version, there's usually a crew of three and the remaining space is for the patient and medical equipment.

We're nearly there, dear!

We're waiting but can't hear you yet.

ranging from big, powerful and high-tech to small, simple and lightweight. In addition, they can have different rotor configurations, although non-traditional ones remain relatively uncommon (EC135-40). However, helicopters definitely pay a price for their extreme versatility. They're complex machines that guzzle up large quantities of fuel, which means that they are expensive to manufacture and maintain. They're also more dif-

The EC135 was designed to be a flying ambulance, so noise was reduced to a minimum. For many years it was the quietest helicopter in its class.

In a rescue mission, every minute counts. Thanks to helicopters, help is at hand as fast as possible. Air ambulances respond to many kinds of call. They might need to transfer a patient to another hospital, help victims of a road accident in a remote place, or reach an emergency without getting stuck in city traffic.

We've got to get him to hospital.

Get the stretcher!

Although the Eurocopter is big, it can easily land on tricky terrain like a narrow mountain road.

If someone needs to be taken on board, there's a special door beneath the helicopter's tail. The medical crew can quickly slide the patient inside on a stretcher.

Everything will be okay!

This time the helicopter is taking a patient to hospital. But that's not the end of the crew's work, because another call could come in at any time. The Eurocopter's speed will be vital once again.

Thanks for your help!

Modern helicopters can also be very simple. One example is the Robinson R-22, which was first built in the late 1970s and is still in use today. Often utilized as a training aircraft, it's also popular among cattle farmers. It turns out that it's very good for herding livestock.

Australian cattle farmers often use Robinson helicopters on their huge ranches. A bird's-eye view means that it's easy to see where all the livestock are at any time.

The noise scares the cattle so they group together in herds.

The pilots of these helicopters are modern-day cowboys! Even darting around trees and other obstacles is no big deal for them.

If there are lots of cattle, several helicopters may be used to herd them.

In rural areas of Australia, the environment can be tough, so simplicity and endurance are key. The R-22 is well suited to this terrain. Its simple design makes it light and very agile, as well as easy to repair and therefore cheap to use.

The R-22's main rotor has only two blades, which helps keep it cheap and simple.

That's all of them!

Received. Good work!

The four-cylinder piston engine is partially exposed to reduce the overall weight and make maintenance easier.

The Robinson is designed to be as light as possible. Some versions don't even have a door, which is actually quite helpful in the Australian heat! And why does it have skis? Again, because they're lighter than wheels.





# Sky High!

# A Soaring History of Aviation

Jacek Ambrozewski

This charming history of aviation covers every contraption that flies in one spectacular comic album about our conquest of the skies.

- Introduces young readers to all types of planes and aviation technology in a lighthearted and humorous way.
- Brings to life most notable inventors and contributors to aviation history as a way to engage the reader.
- Comprehensive: The book brings together a wealth of information on the history of flight from the earliest attempts to the latest technological marvels.
- By approaching science from a creative and narrative angle, the title taps into the current trend for books that teach "STEAM" (science, technology, engineering, art, and math).
- A large format book filled with a trove of information and appealing illustrations.
- For young plane spotters, this is the ultimate book on the history of flight featuring the most amazing planes and machines ever conceived and created.

NEW PRICE | AGES 7 - 12

AU \$39.99 | NZ \$42.99

9780500653418

112 Pages

Hardcover

376 mm x 279 mm

Thames and Hudson Ltd



# STAR WARS

A COLLECTOR'S  
CLASSIC BOARD BOOK





ALSO AVAILABLE



9781419767876



9781419773778





## Star Wars: A New Hope (A Collector's Classic Board Book)

Lucasfilm Ltd

**MAY THE 4TH BE WITH YOU:** Publication is timed right before *Star Wars* Day, the franchise's most popular annual celebration.

**NOSTALGIA HOOK:** With a text that pays homage to the original film and celebrated art from the 1970s *Star Wars* comics adaption, this book is a must-have for collectors.

**GIFT APPEAL:** High-end and beautifully designed, with bold colors, four gatefolds, spot gloss on the cover, and a horizontal trim to evoke a cinematic feel.

**ALL AGES:** Perfect for both die-hard adult fans and little ones who are being introduced to the *Star Wars* galaxy.

**PROVEN FORMAT:** Includes four liftable gatefolds, inspired by the popular format of the My Mighty Marvel First Book series (nearly 200,000 copies sold!).

AGES 0+

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9781419777066

30 Pages

Board Book

152 mm x 203 mm

Abrams Appleseed



A LONG TIME AGO,  
IN A GALAXY FAR, FAR AWAY .....

# STAR WARS™

ART BY HOWARD CHAYKIN

ABRAMS APPLESEED • NEW YORK





DARTH VADER AND THE EVIL EMPIRE  
HAVE CAPTURED PRINCESS LEIA.



R2-D2 AND C-3PO MUST DELIVER HER  
SECRET MESSAGE TO THE REBELS.







"HELP ME,  
OBI-WAN KENOBI.  
YOU'RE MY ONLY HOPE."



LEIA'S MESSAGE  
IS DISCOVERED BY  
LUKE SKYWALKER,  
A FARM BOY ON THE  
PLANET TATOOINE.



ABOARD THE SHIP, OBI-WAN  
TEACHES LUKE, WHOSE FATHER  
WAS A JEDI TOO.

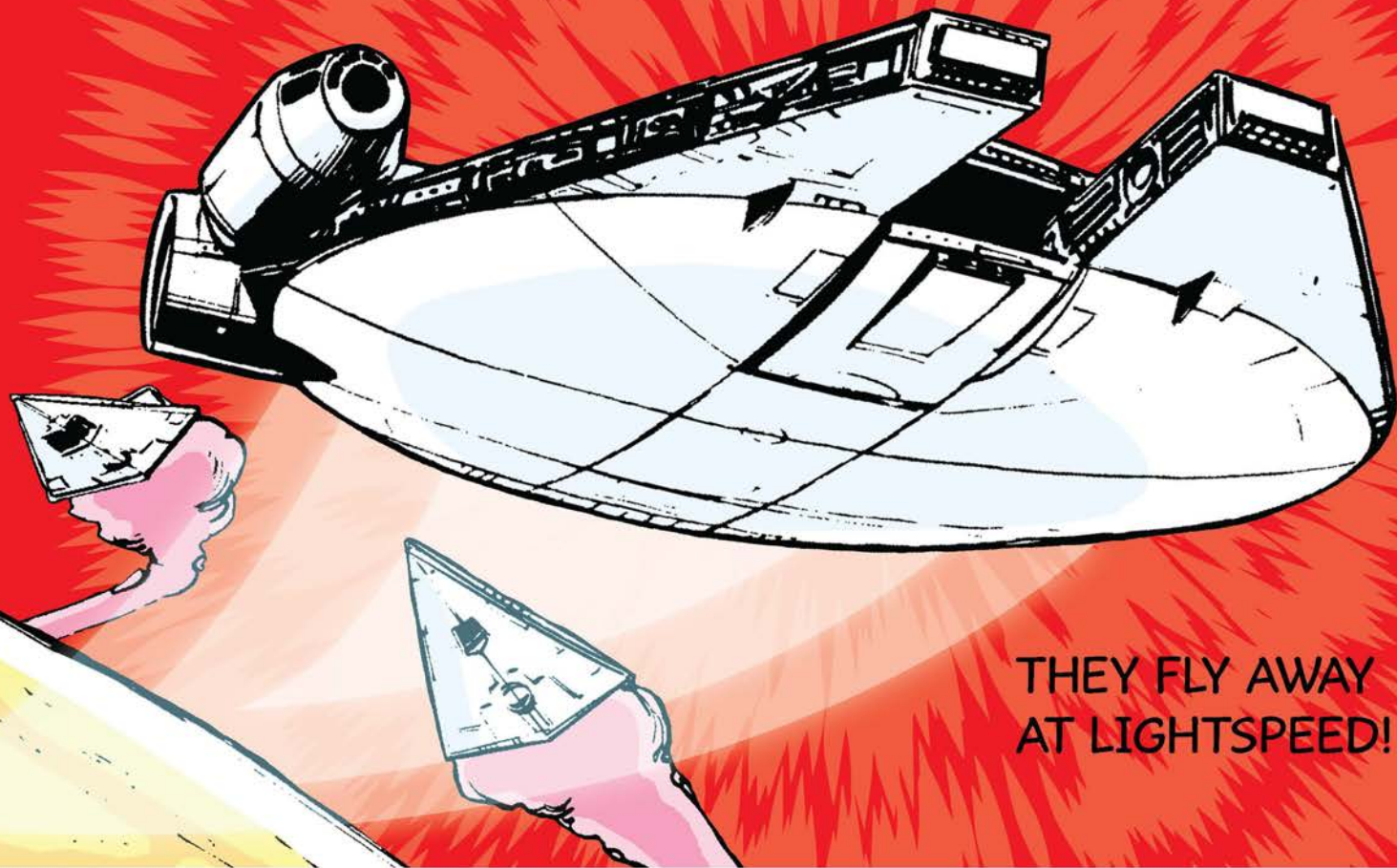
OBI-WAN GIVES LUKE HIS  
FATHER'S LIGHTSABER.



... AND FEEL THE POWER  
OF THE FORCE!



THE NEW FRIENDS MUST  
HURRY—THE EMPIRE HAS  
FOUND THEM!



THEY FLY AWAY  
AT LIGHTSPEED!





MEANWHILE,  
DARTH VADER  
AND OBI-WAN  
FACE OFF.

OBI-WAN  
SACRIFICES  
HIMSELF TO  
HELP LUKE  
AND HIS  
FRIENDS.





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**MARVEL**

**HELLO HEROES**

# SPIDER-MAN

## SWINGS THROUGH

STORY BY  
SABRINA  
MOYLE

PICTURES  
BY  
EUNICE  
MOYLE





ALSO AVAILABLE



9781419769832





## Spider-Man Swings Through (A Marvel Hello Heroes Book)

Hello!Lucky

**DYNAMIC DUO:** This novelty book series is written and illustrated by the bestselling team behind Hello!Lucky, in collaboration with Marvel. Hello!Lucky has sold over 1.8 million copies of their original picture books and board books. Now, the dynamic duo brings their signature humor and puns to this new series, showing us just how funny (and adorable) everyone's favorite Marvel characters can be.

**GIFT BOOK FOR FANS OF ALL AGES:** Combining modern humor with Marvel's rich history of comic storytelling, this collectible item is packed with humor. This is the ideal purchase for Spider-Man fans of all ages and anyone who loves Jeffrey Brown's Darth Vader and Sons series..

**A FAVORITE CHARACTER:** Interest in Spider-Man is at an all time high following the blockbuster hits *Into the Spider-Verse* and *Across the Spider-Verse (Part 1)*. With appearances by Peter Parker, Miles Morales, Spider-Gwen, and characters from across the Marvel Universe, this book features hilarious takes on fan favorite elements from the multiverse.

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48 Pages

Hardcover Paper over boards

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HULK



LIZARD



SANDMAN



J. JONAH  
JAMESON



SPIDER-REX



KINGPIN



THOR



BLACK WIDOW



MARY JANE  
WATSON



SPIDER-MAN



IRON MAN



RHINO



NICK FURY



VULTURE



GREEN GOBLIN



CAPTAIN  
AMERICA



SPIDER-MAN  
NOIR



GHOST-SPIDER



SPIDER-HAM



HAWKEYE



KRAVEN



AUNT MAY



DOC OCK



BLACK PANTHER



FLASH  
THOMPSON



PENI PARKER



CAPTAIN  
MARVEL



MILES MORALES



SPIDER PUNK



SILK



ROCKET



GROOT

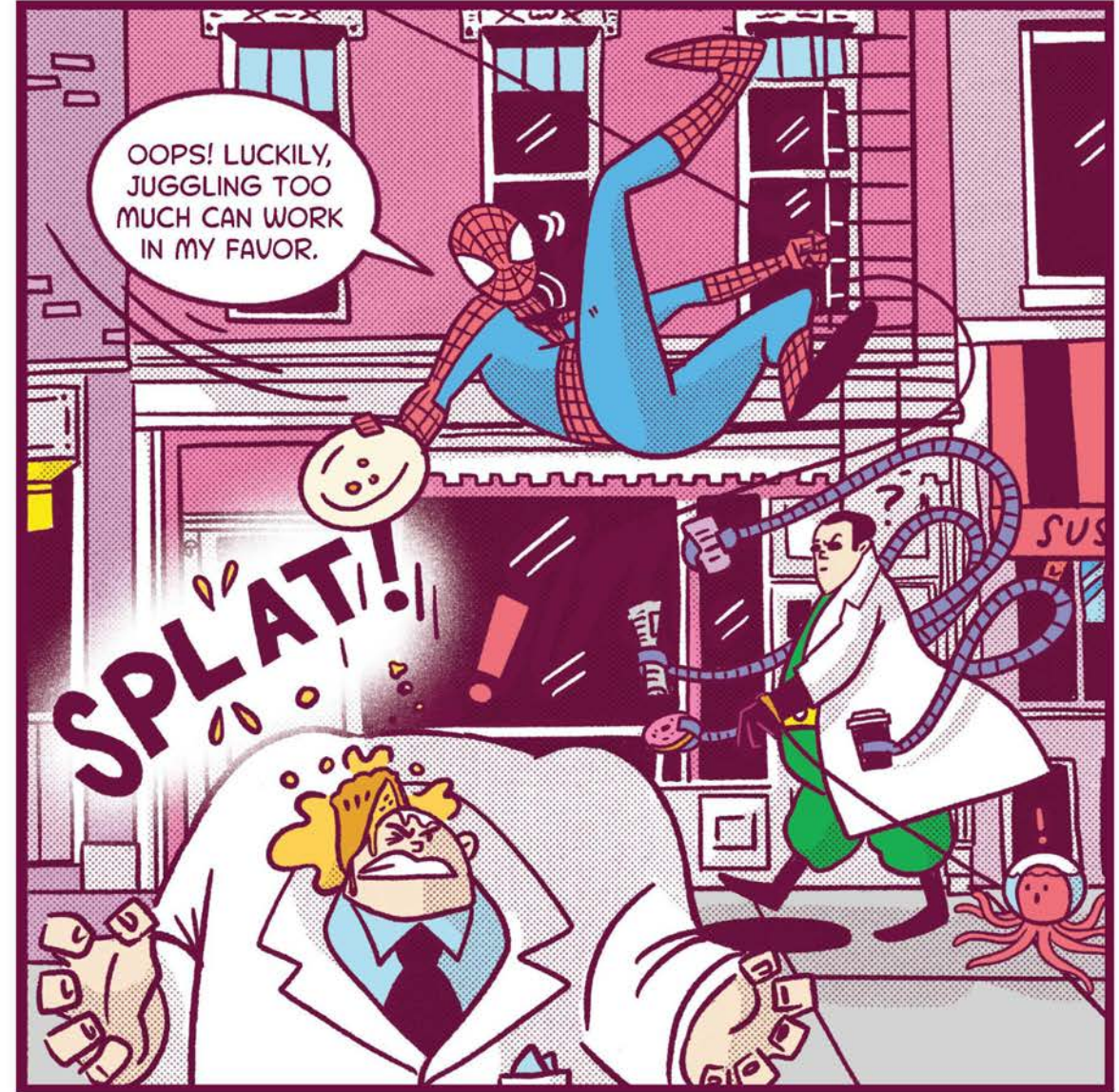


WHITE RABBIT



BLACK CAT

















TIME TO CLEAN  
UP YOUR ACT,  
SANDMAN!

OR ELSE  
WE'LL UNLEASH  
THE FLERKEN ON YOU.  
WE'RE NOT KITTEN  
AROUND!





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Hardcover Paper over boards

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# BEARSUIT TURTLE

makes a friend



bob shea



# BEARSUIT TURTLE

makes a friend



bob shea

## Bearsuit Turtle Makes a Friend

A Picture Book

Bob Shea

**STAR CREATOR:** Shea's Dinosaur VS. series has sold over 140,000 copies across hardcover and board. In addition to strong sales, numerous awards, and starred reviews for his many other author-illustrated books (including *Unicorn Thinks He's Pretty Great*—over 30,000 copies sold), he is also the author of *Who Wet My Pants?*, a 2020 Eisner Award nominee.

**BIG GET:** Two Bearsuit Turtle books (with hopefully more adventures to come) were signed up after a competitive auction.

**FRIENDSHIP STORY:** With true-to-life kid dynamics, what begins as a lighthearted debate over who's right leads to playful adventures between two new friends.

**HILARIOUS READ-ALoud:** Shea is known for his kid-perfect sense of humor. This energetic, simple text is perfect fans of Jon Klassen, with a goofier, sweeter sensibility.

**KID-FRIENDLY ART:** With a spare, graphic style, bold color palette, and visual humor on every spread.

**FACT CHECK:** To correct some of the turtles' misconceptions, a list of funny (but true) for-real bear facts is included at the end.

AGES 4 - 8

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9781419771552

40 Pages

Hardcover with dust jacket

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Be careful, I'm  
a for-real bear.  
Scary, right?



No way! I'm a for-real  
bear expert, and you are  
**NOT** a for-real bear.

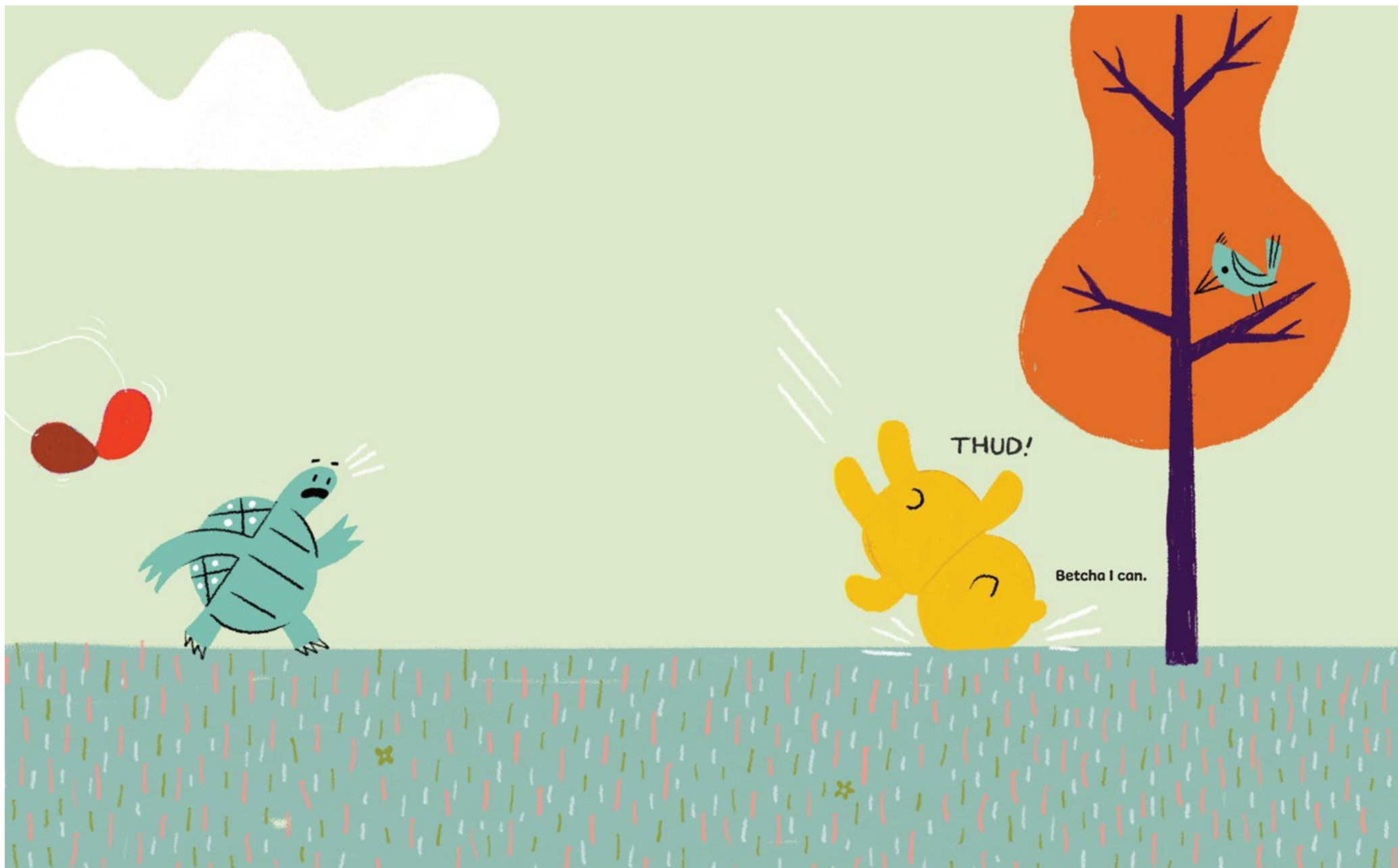






Bears climb trees.  
Betcha can't climb a tree.







Oh my goodness! What month is it?  
Did I sleep through spring?



Climbs trees, hibernates—  
your story checks out!  
What else do bears do?



You tell me,  
you're the for-real  
bear expert.

They find food  
right here in the  
woods. It's called  
foraging. C'mon!







# BEARSUIT TURTLE

makes a friend



bob shea

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# Wonder Wings

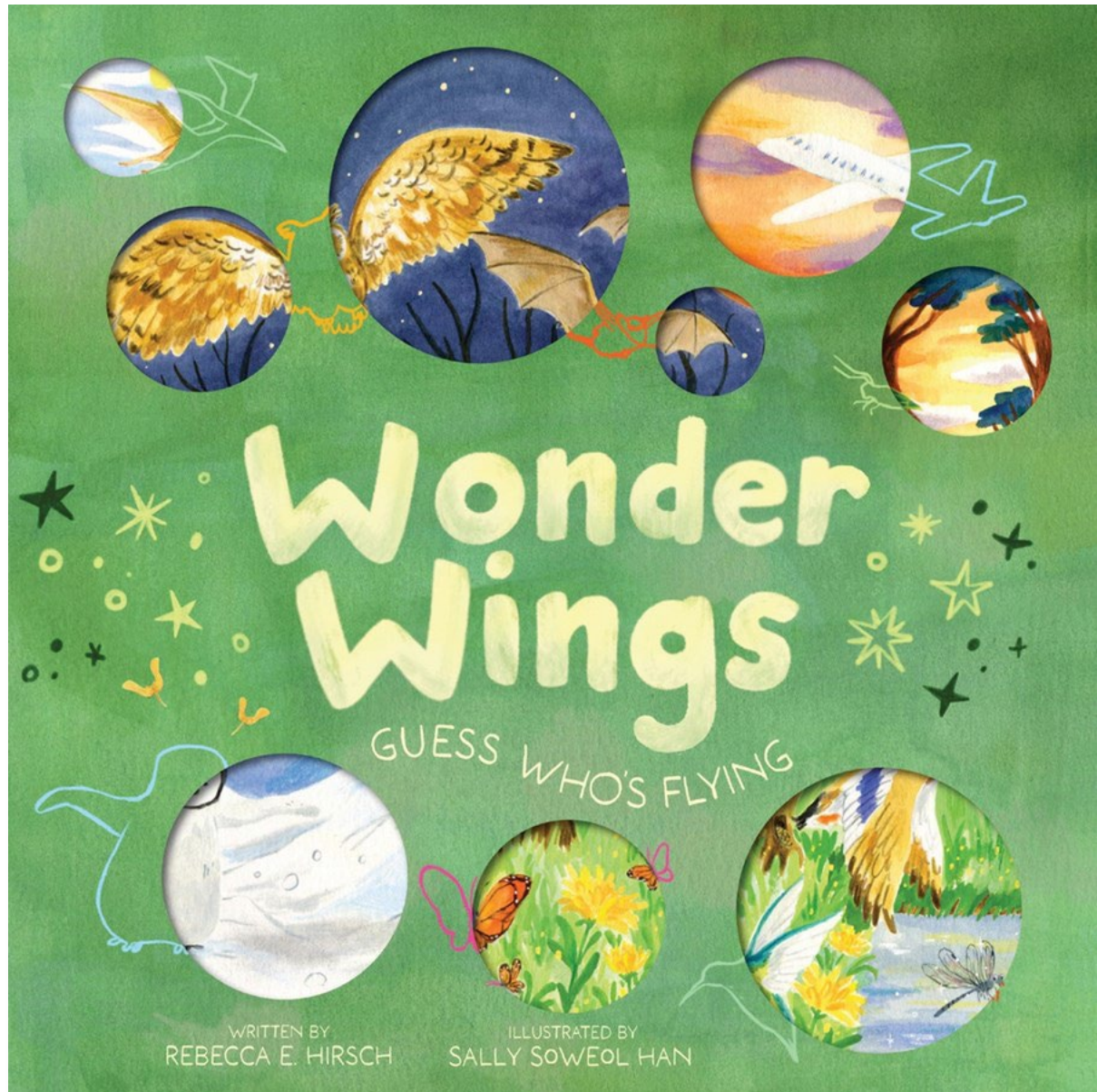
GUESS WHO'S FLYING



WRITTEN BY  
REBECCA E. HIRSCH

ILLUSTRATED BY  
SALLY SOWEOL HAN





# Wonder Wings

## Guess Who's Flying (The Nature Riddles and Rhymes Series)

Rebecca E. Hirsch

**SERIES LAUNCH:** *Wonder Wings* is the first in a rhyming, riddle-based series that explores the many wonders of our world. From the giant jet plane to the tiny honeybee, this book teaches children about the many ways wings exist all around us.

**READ-ALoud DELIGHT:** Hirsch's clever, science-based riddles encourage kids to guess whose wings they are learning about. With a new riddle on every page, this is sure to be a storytime favorite.

**EDUCATIONAL HOOK:** The riddles in the rhyming text teach kids about the functions of all different kinds of wings. Additional back matter explains the mechanics of wings as well as the ways different creatures use their wings.

**EYE-CATCHING PACKAGE:** With a beautiful die-cut jacket, kids will get a peek at the fun guessing element of the story. This one is sure to stand out on bookstore shelves and gift shop tables.

AGES 4 - 8

AU \$29.99 | NZ \$34.99

9781419769252

40 Pages

Hardcover with dust jacket

254 mm x 254 mm

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Wings can buzz and pollinate,  
weighted with delicious freight.  
Then back to hive, to hollow tree.  
These wings are on a . . .







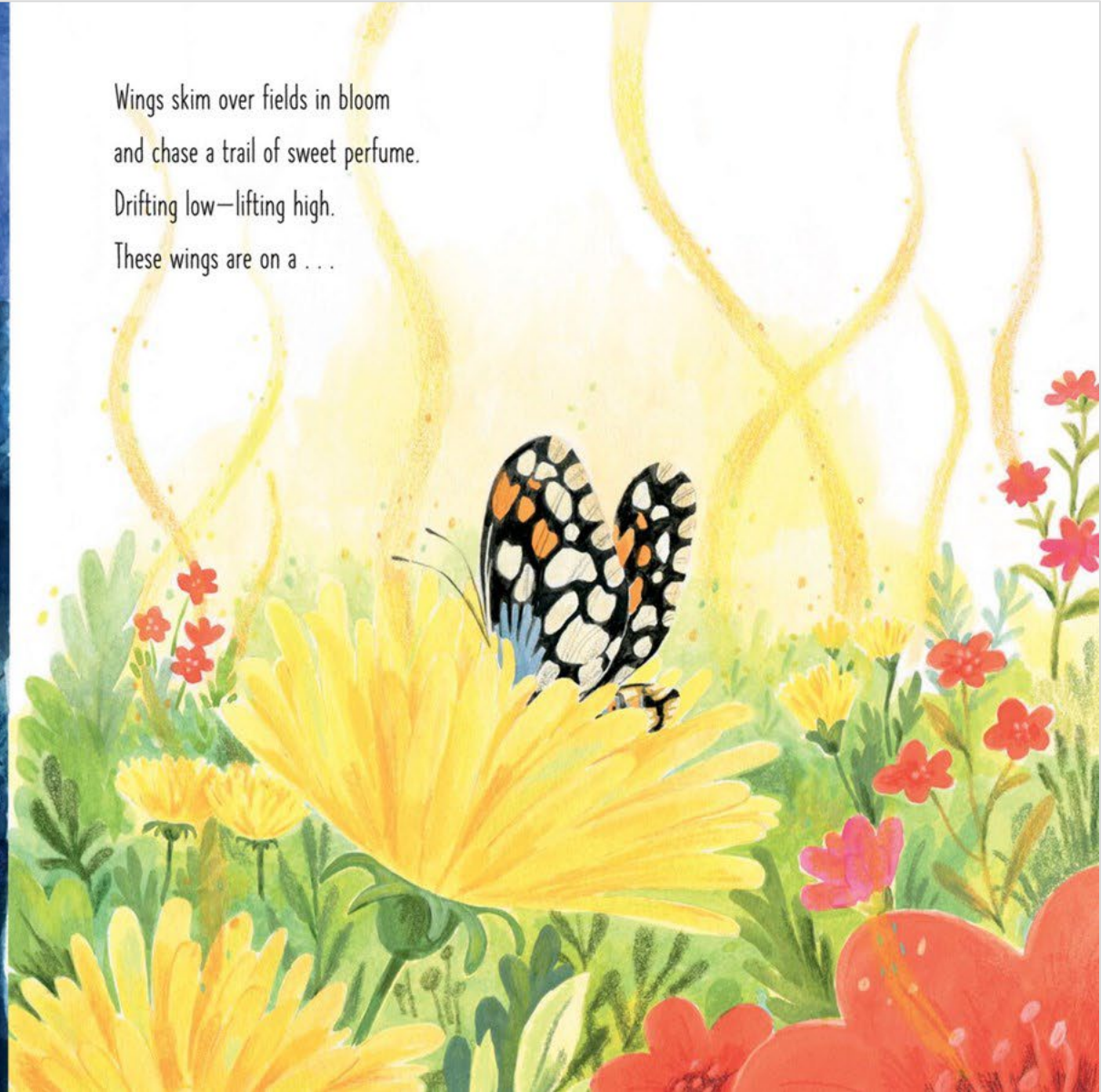
HONEYBEE!





KATYDID!

Wings skim over fields in bloom  
and chase a trail of sweet perfume.  
Drifting low—lifting high.  
These wings are on a . . .

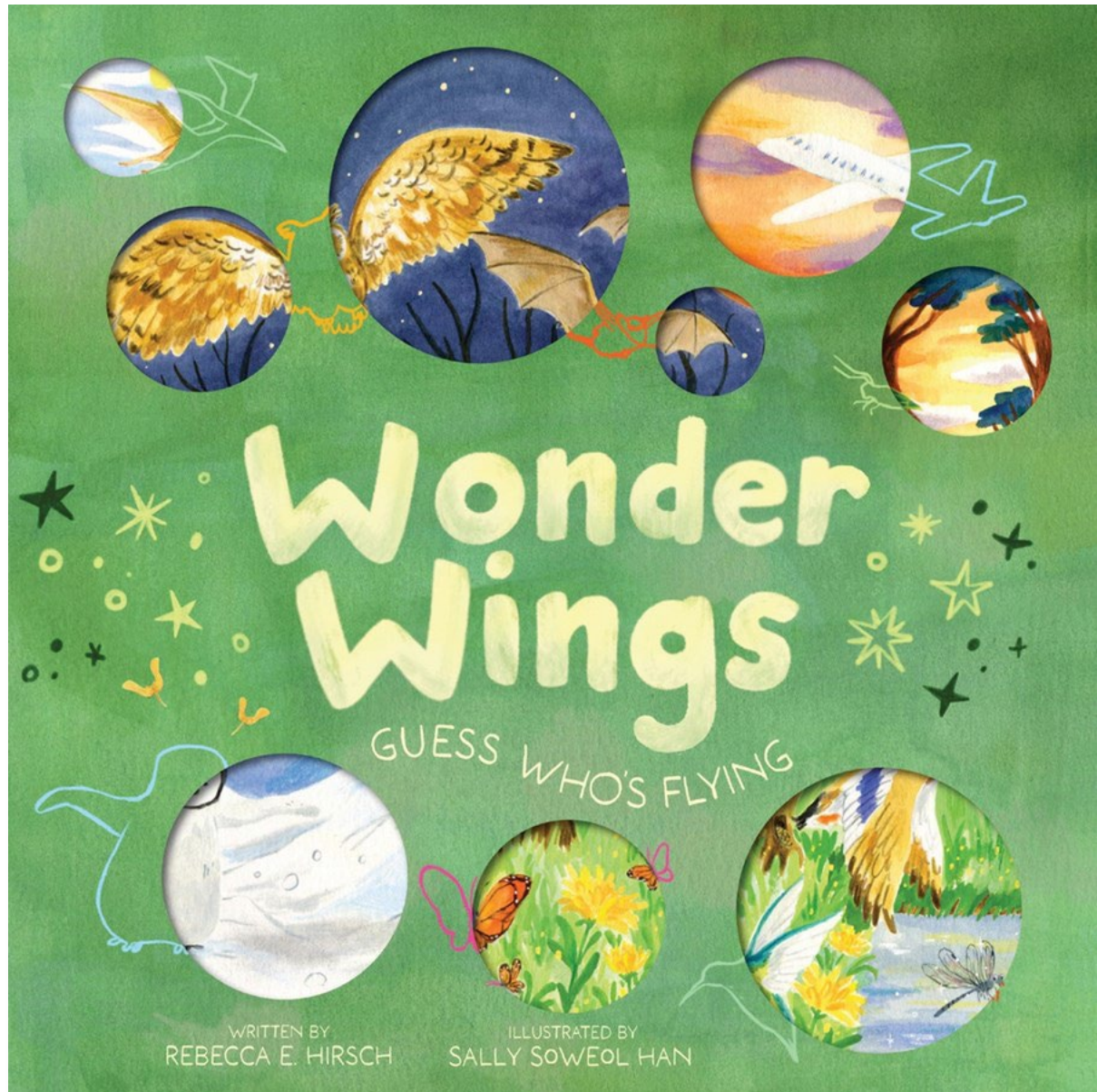




BUTTERFLY!







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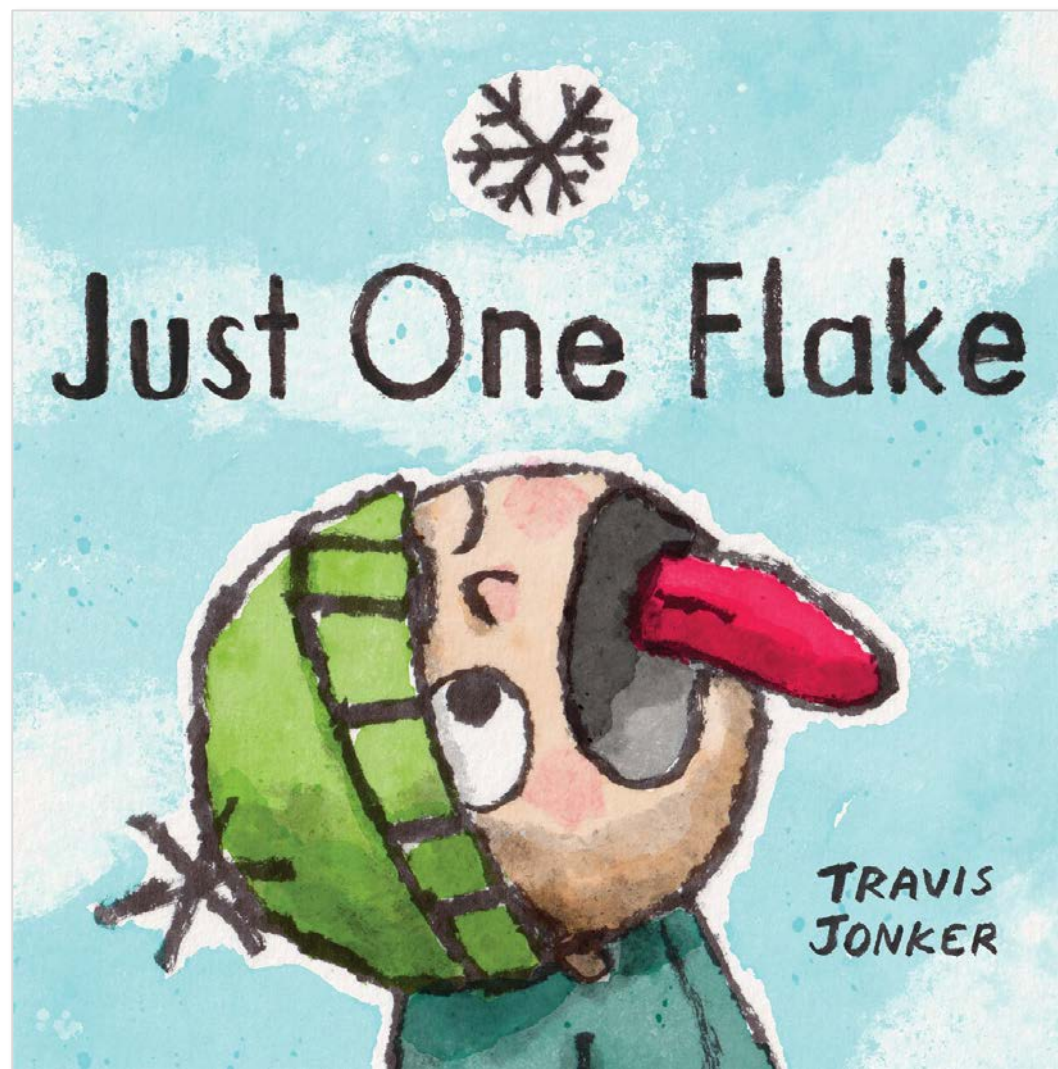
# Just One Wave

TRAVIS  
JONKER



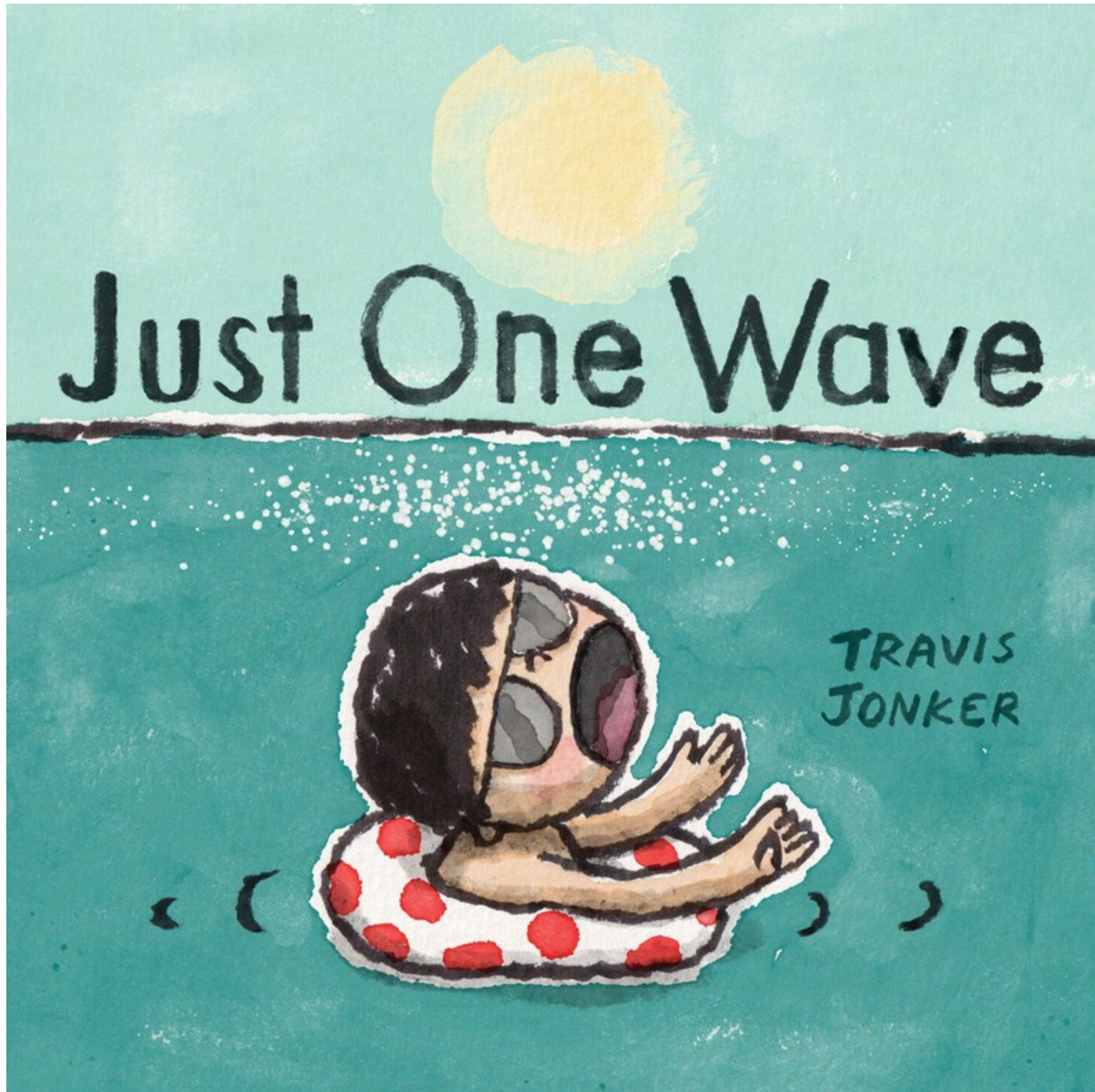


ALSO AVAILABLE



9781419760112





# Just One Wave

## A Picture Book

Travis Jonker

**BELOVED AUTHOR-ILLUSTRATOR:** Jonker is a well-known elementary school librarian and the critically acclaimed author of *Blue Floats Away*, *The Very Last Castle*, and the forthcoming *Caboose*. His author-illustrated debut, *Just One Flake*, received two starred reviews and multiple best-book nods.

**SUMMERTIME FUN:** Set during a sunny beach day, this story inspires readers to get outside and play. It's the perfect summertime read.

**PROMOTIONAL OPPORTUNITIES ABOUND:** Travis Jonker is the founder of two popular and trusted kidlit media platforms—the blog *100 Scope Notes*, hosted by *School Library Journal*, and *The Yarn* podcast. He boasts nearly 25,000 combined followers across his social media platforms.

**EVERGREEN THEMES:** At its core, *Just One Wave* explores creativity and curiosity, perennial themes for the picture-book set and their caretakers.

AGES 4 - 8

AU \$29.99 | NZ \$34.99

9781419773716

48 Pages

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Wait.



Wait.



Wait-y.



Z  
Z  
Z

Wait.



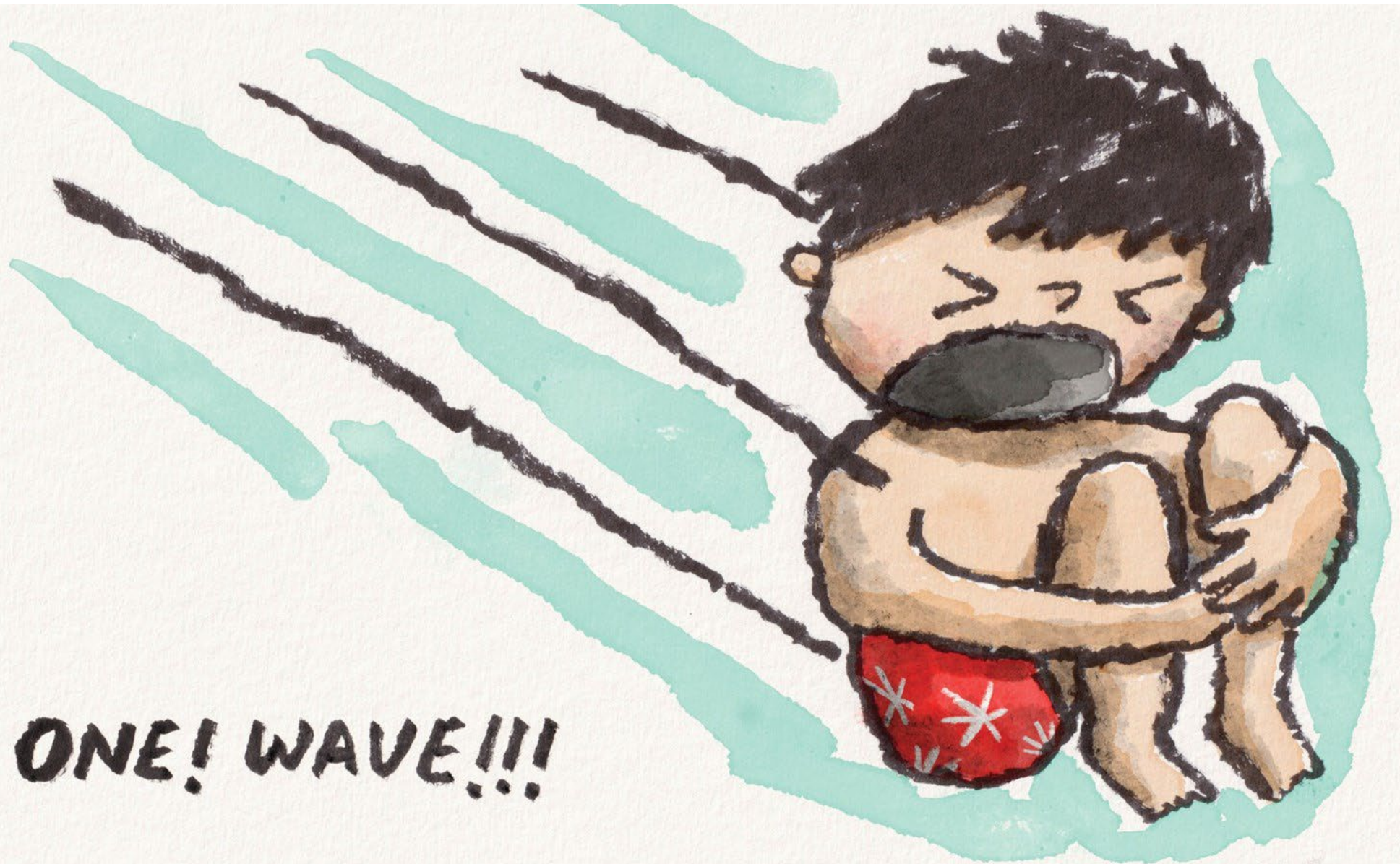


COME AND GET IT!!

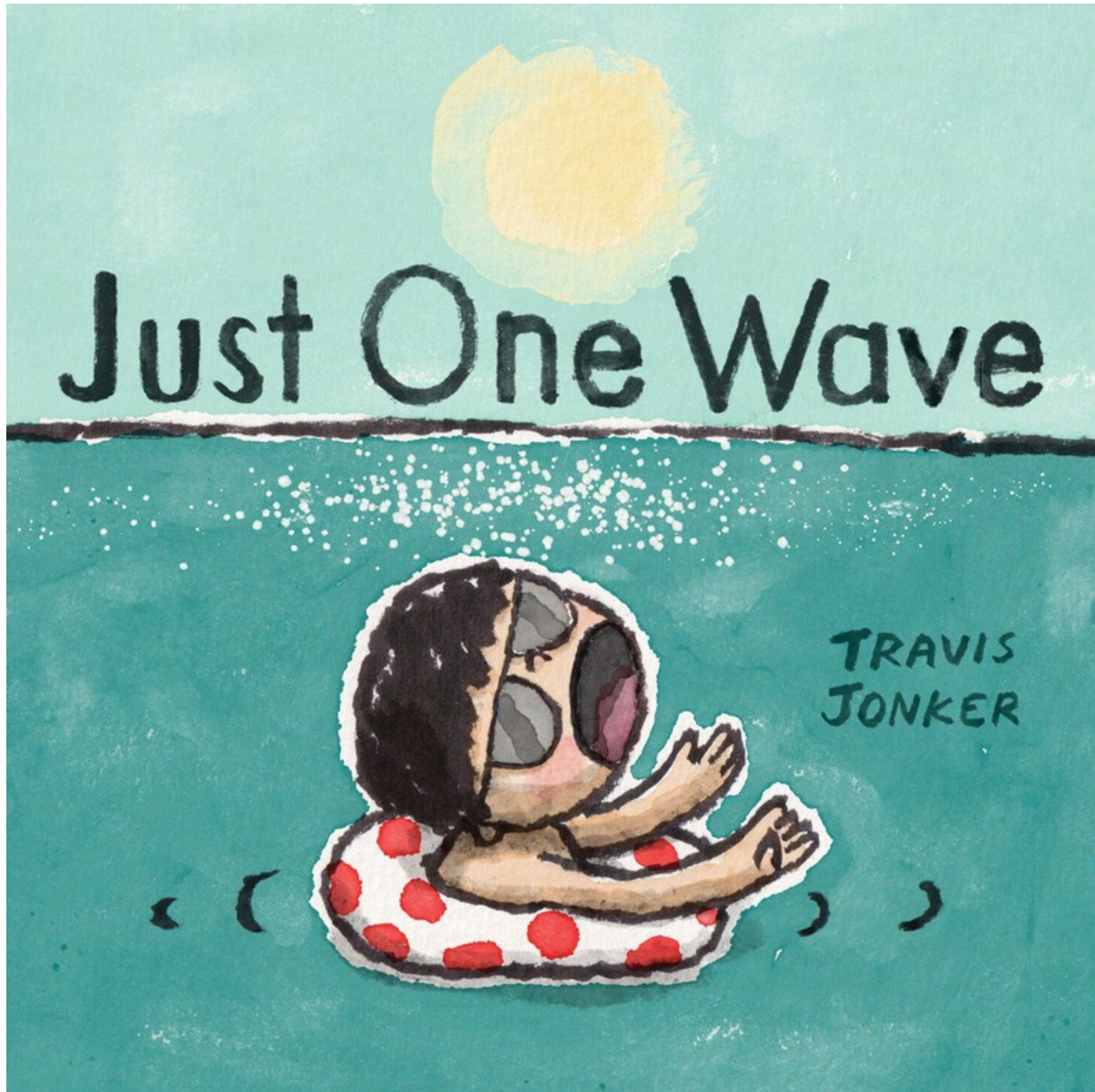




**JUST! ONE! WAVE!!!**







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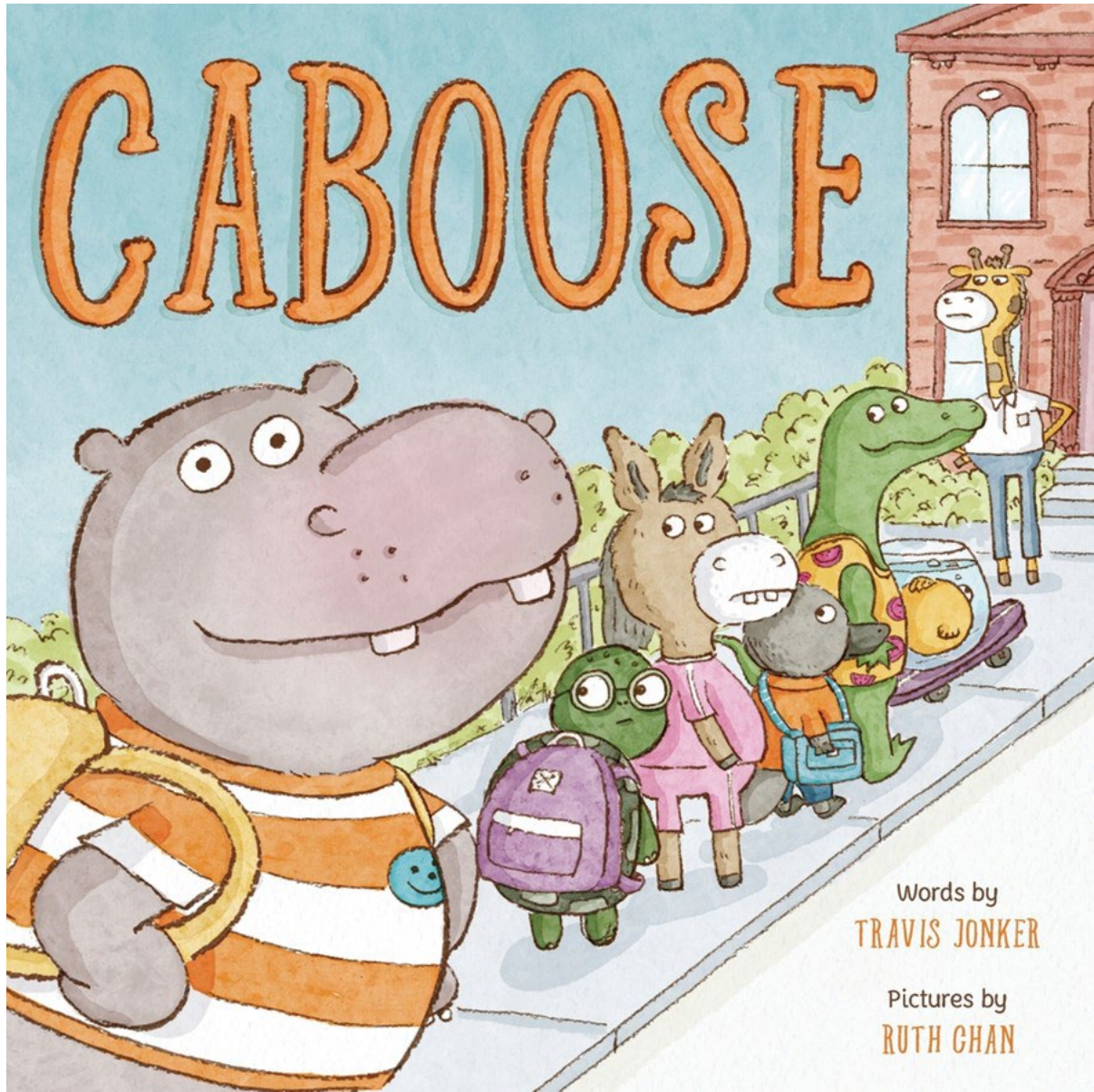
# CABOOSE



Words by  
TRAVIS JONKER

Pictures by  
RUTH CHAN





# Caboose

## A Picture Book

Travis Jonker

**PROMOTIONAL OPPORTUNITIES ABOUND:** Travis Jonker is the founder of two popular and trusted kidlit media platforms—the blog 100 Scope Notes, hosted by *School Library Journal*, and The Yarn podcast. Ruth Chan also has a substantial social media following, boasting over 76,000 followers on Instagram.

**CRITICALLY ACCLAIMED ILLUSTRATOR:** Ruth Chan's picture books frequently garner starred reviews and other critical acclaim. *How Old is Mr. Tortoise?* was widely praised, was a Junior Library Guild Gold Selection, and earned a spot on the CBC 2023 Best Children's Book of the Year list.

**BELOVED AUTHOR:** Travis Jonker's picture books have sold over 30,000 copies and counting! He is a favorite both with booksellers and his fellow librarians. His work has been called "lovely" and "accessible" in starred reviews.

AGES 4 - 8

AU \$29.99 | NZ \$34.99

9781419765032

40 Pages

Hardcover with dust jacket

241 mm x 241 mm

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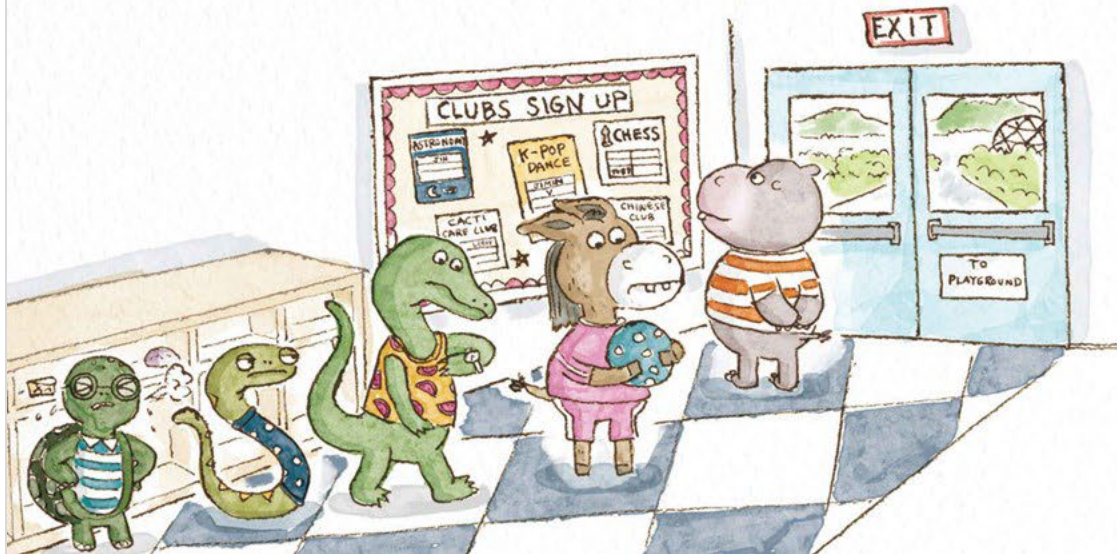
I can make everyone go fast.



I can suddenly stop and make everyone crash.



I can make everyone go slow.



Oh, the power!





Observe . . .

The fast walk.

The slow run.

The shortcut.

The fast run.





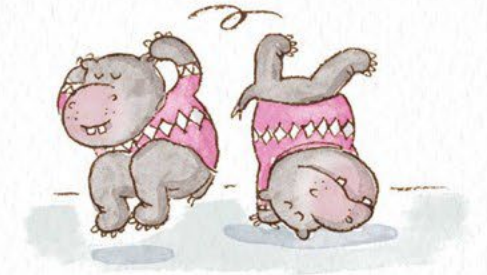
The shoulder tap and slide.



The tuff mudder.



The okey dokey.



The desperate plea.



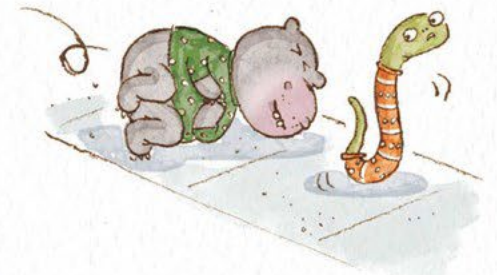
The arm gate.



The slingshot.



The barrel roll.



The crackerjack.



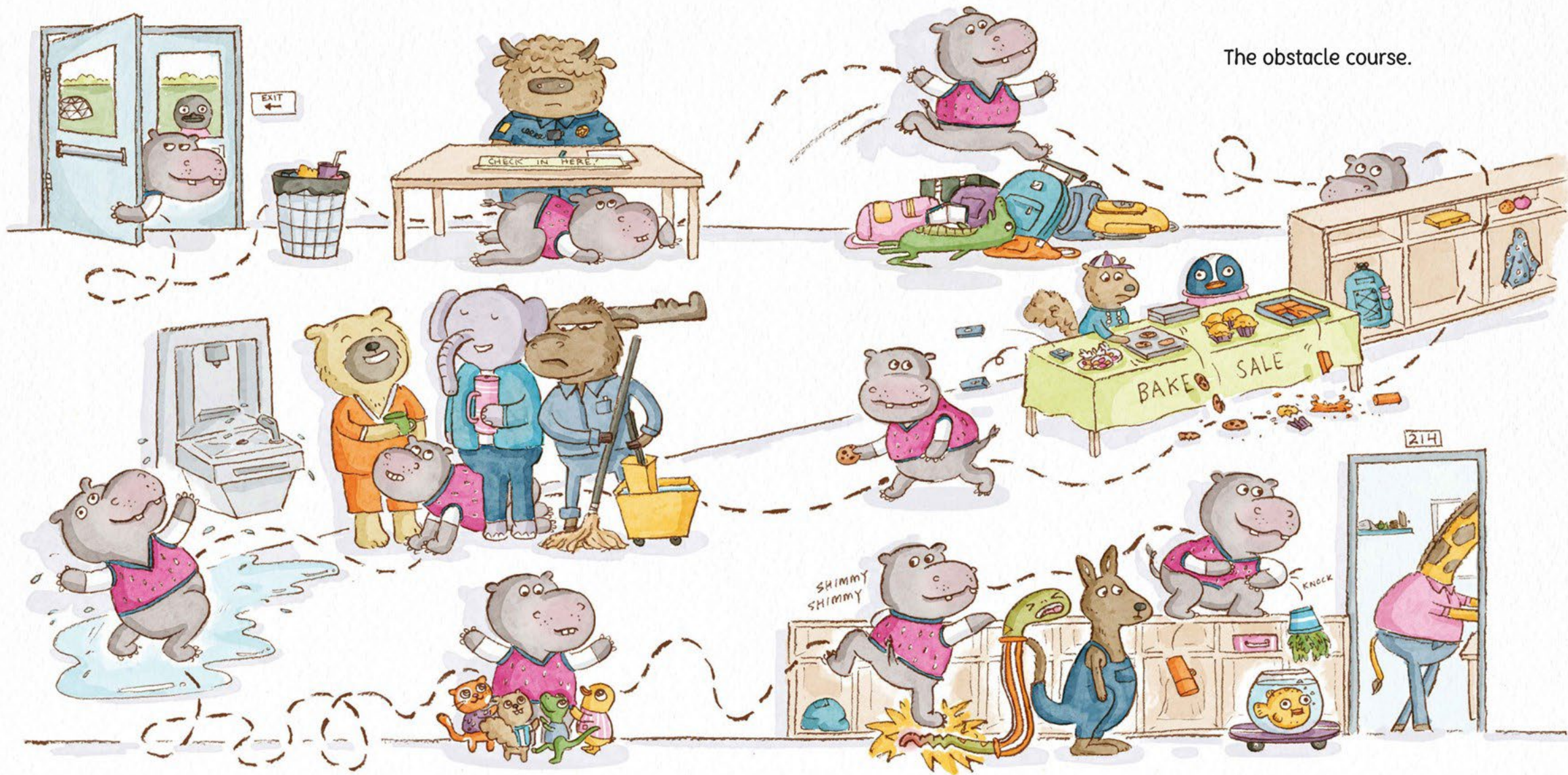
The pippity-pop.



The feral troll.

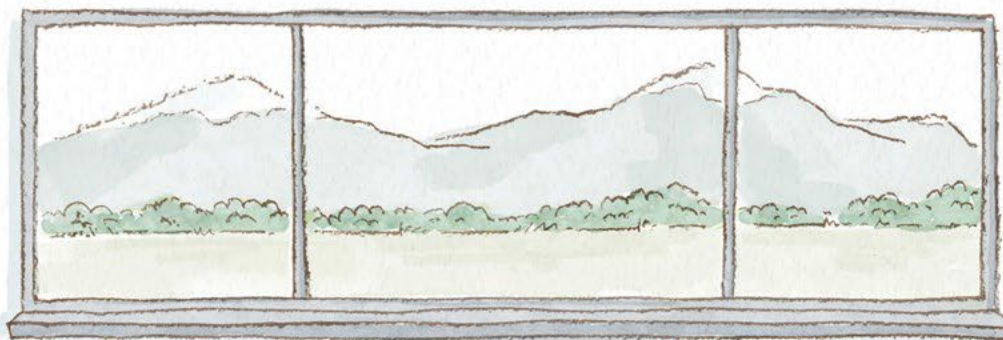
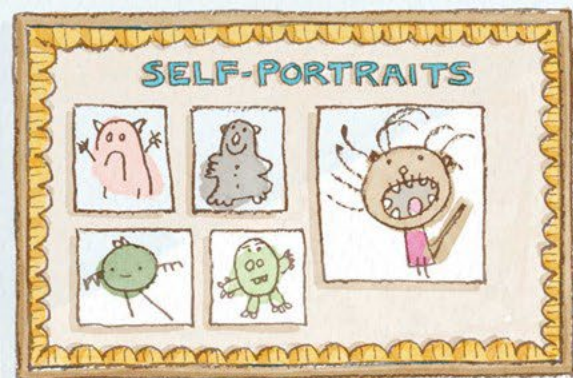






The obstacle course.

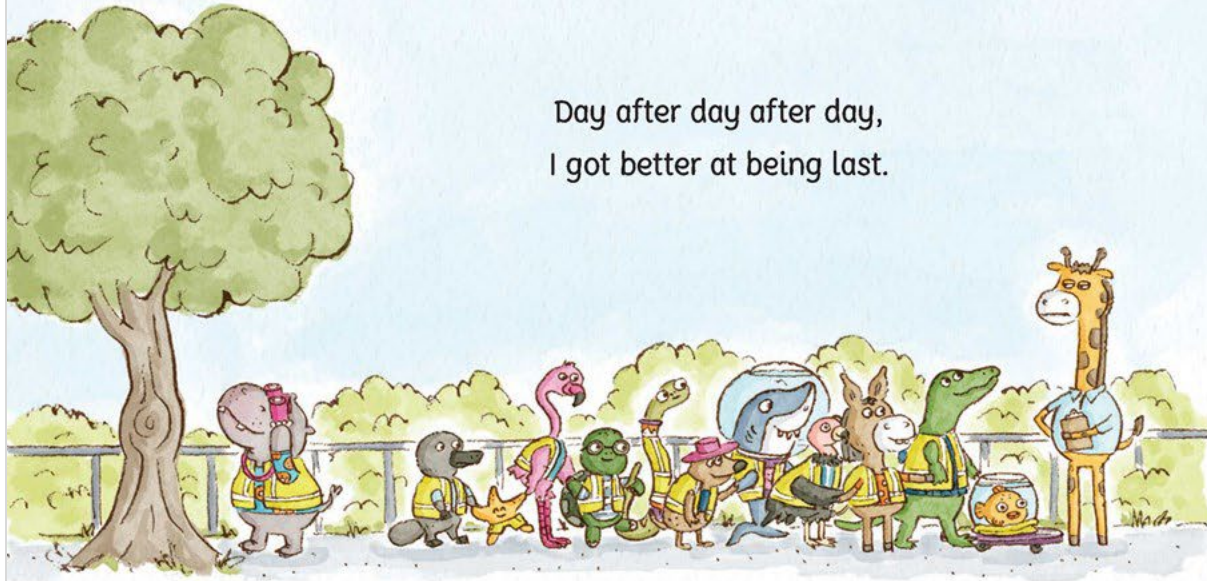




The VERY end of the line.



Day after day after day,  
I got better at being last.

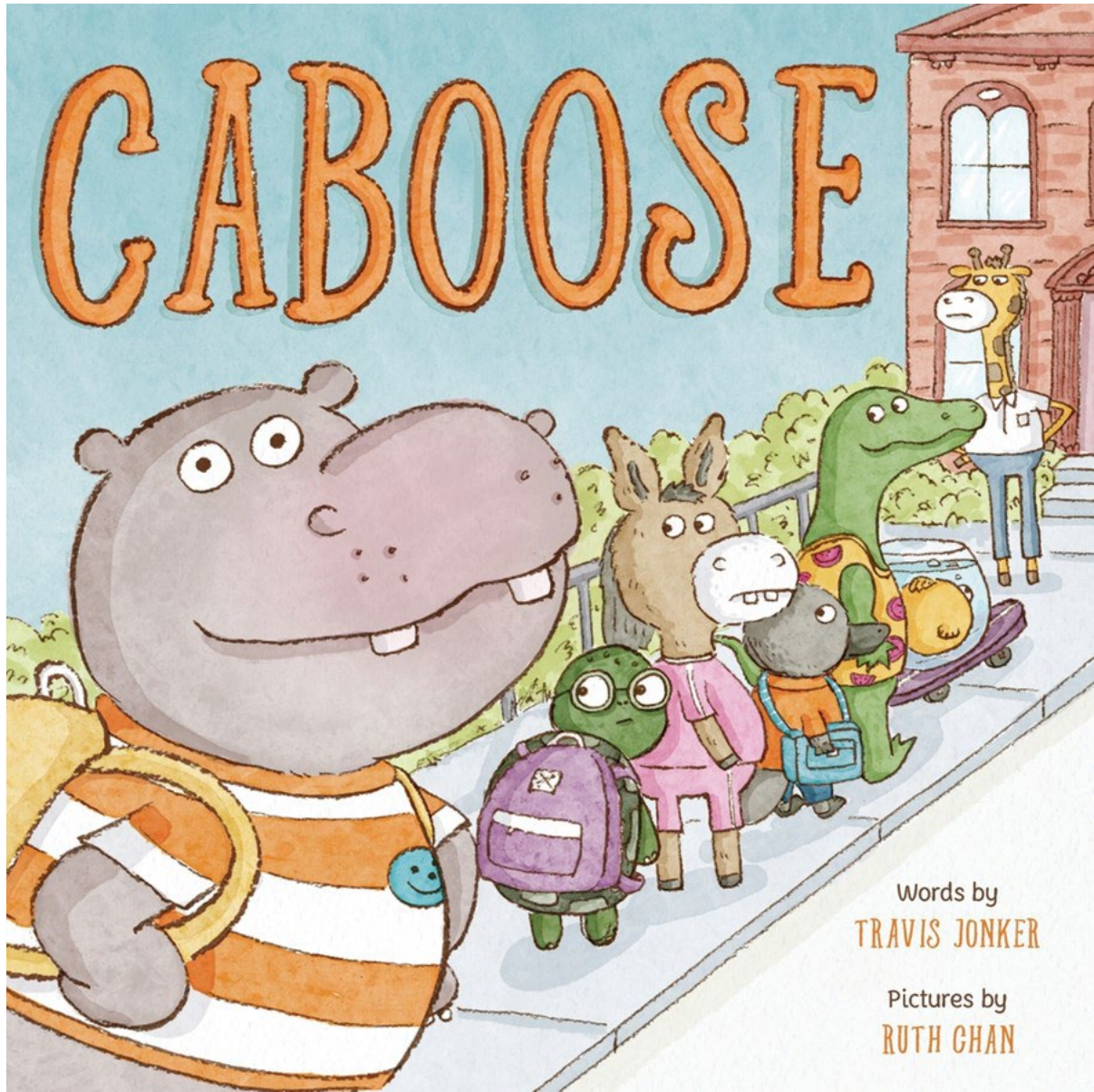


This caboose was THE caboose.  
Caboosin' it up.

Soon, I was an expert again.







# Caboose

## A Picture Book

Travis Jonker

**PROMOTIONAL OPPORTUNITIES ABOUND:** Travis Jonker is the founder of two popular and trusted kidlit media platforms—the blog 100 Scope Notes, hosted by *School Library Journal*, and The Yarn podcast. Ruth Chan also has a substantial social media following, boasting over 76,000 followers on Instagram.

**CRITICALLY ACCLAIMED ILLUSTRATOR:** Ruth Chan's picture books frequently garner starred reviews and other critical acclaim. *How Old is Mr. Tortoise?* was widely praised, was a Junior Library Guild Gold Selection, and earned a spot on the CBC 2023 Best Children's Book of the Year list.

**BELOVED AUTHOR:** Travis Jonker's picture books have sold over 30,000 copies and counting! He is a favorite both with booksellers and his fellow librarians. His work has been called "lovely" and "accessible" in starred reviews.

AGES 4 - 8

AU \$29.99 | NZ \$34.99

9781419765032

40 Pages

Hardcover with dust jacket

241 mm x 241 mm

Abrams Books for Young Readers



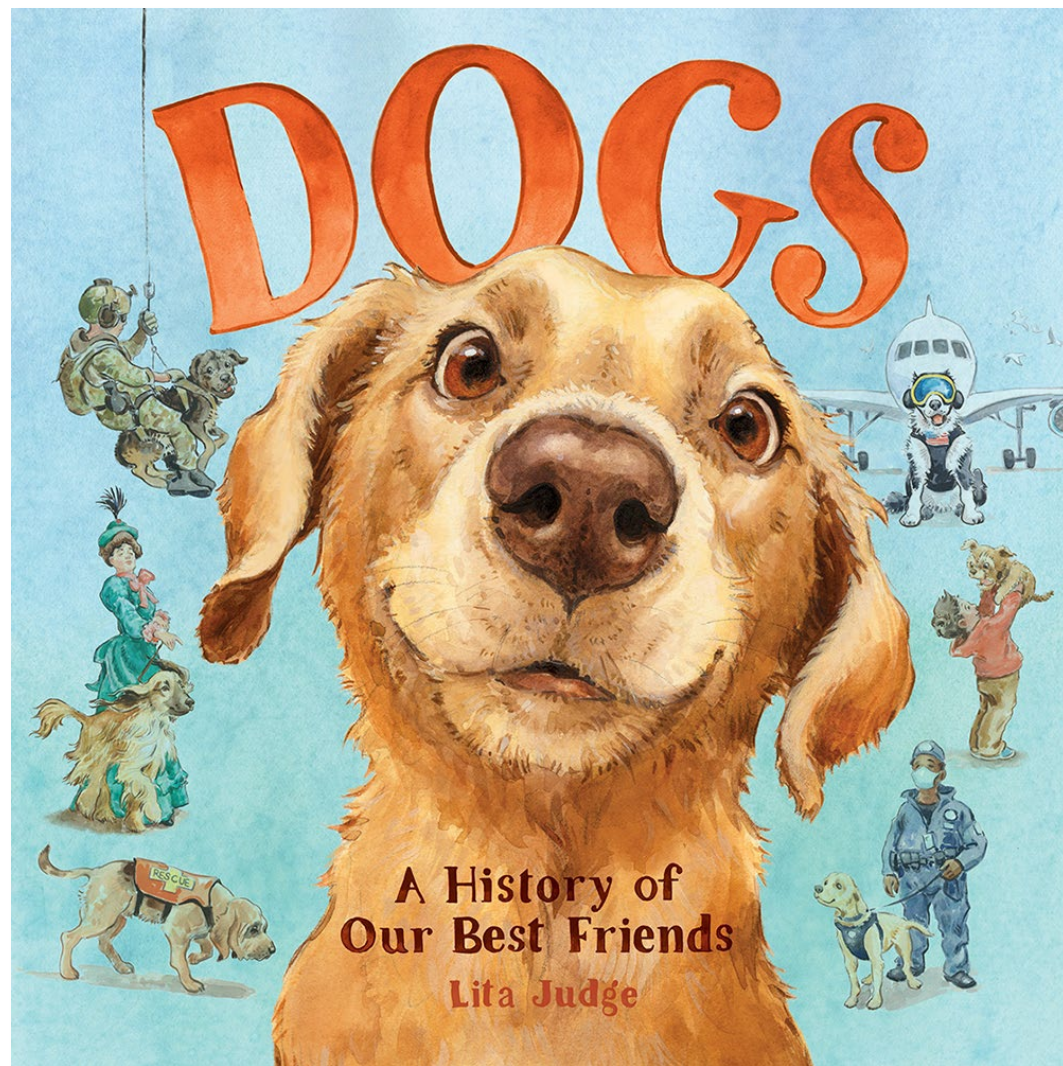
# OLD BLUE IS MY HOME



LITA JUDGE



**ALSO AVAILABLE**



**9781419755446**





# Old Blue Is My Home

## A Picture Book

Lita Judge

**AWARD-WINNING CREATOR:** Judge's many accolades include the International Literary Association Children's Book Award; ALA and NCTE Notables; *Kirkus*, *School Library Journal*, and *New York Public Library* Best Book mentions; the Jane Addams Honor; and many starred reviews and best-of lists. She's well-known for *Flight School* and *Red Sled*, which have sold over 80,000 copies combined across formats.

**BIG STEP FOR LITA JUDGE:** Judge is well-known for both her expert nonfiction and her charming young stories, but *Old Blue is My Home* is something new and original: a deeply personal and moving picture book touching on topics not frequently covered for this audience. We feel this book could be an exciting breakout for her.

**PERSONAL STORY:** Out of necessity, Judge's family home for many years was a trusty blue Ford van. While it is small and crowded and "different" from other homes, she found that it offered safety and warmth, as well as moments of joy and togetherness.

**SENSITIVELY AND HONESTLY HANDLED:** Housing insecurity isn't frequently covered in picture books, and this text expertly walks the delicate line between validating and glamorizing this living experience. While not every unhoused child has the ability to travel the country like Judge's did, and the family in this story hopes for permanent housing one day, Judge shows how true "home" can be wherever your heart is.

AGES 4 - 8

AU \$29.99 | NZ \$34.99

9781419771521

40 Pages

Hardcover with dust jacket

254 mm x 254 mm

Abrams Books for Young Readers





to a place where we can sit under the stars  
and eat warm soup before going to sleep.



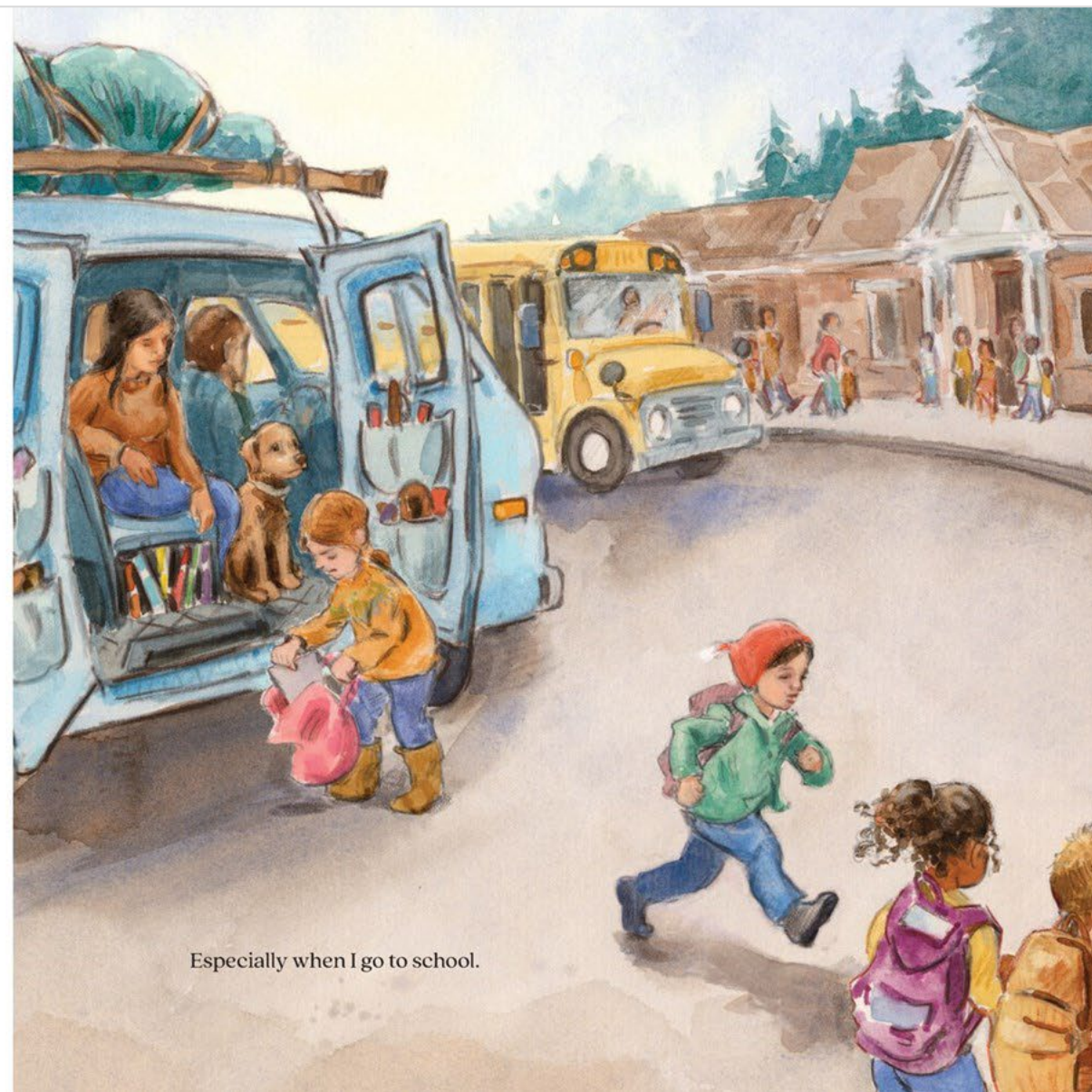
Old Blue is my home.







But sometimes living in Old Blue makes me feel  
like I'm from everywhere and belong nowhere.



Especially when I go to school.



Sometimes Old Blue and I play the flying game together.  
I'm never lonely when I imagine I belong to the wind.







# Old Blue Is My Home

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Lita Judge

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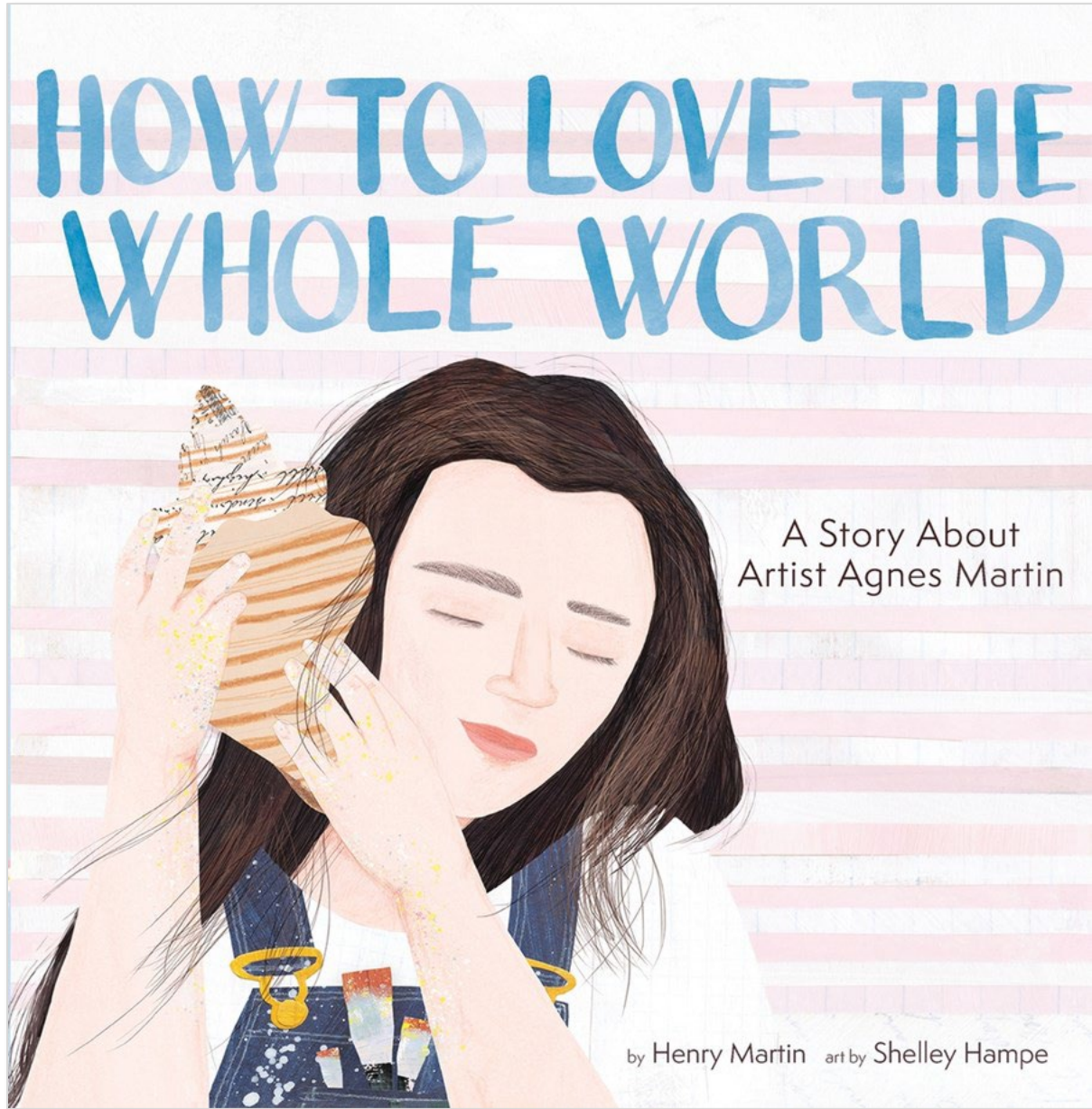
# HOW TO LOVE THE WHOLE WORLD

A Story About  
Artist Agnes Martin



by Henry Martin art by Shelley Hampe





# How to Love the Whole World

## A Story About Artist Agnes Martin (A Picture Book)

Henry Martin

**STAR ARTIST:** Agnes Martin's star is on the rise, her iconic art lauded and found in over 75 public and museum collections around the world.

**BIG THEMES:** In addition to the art, the story explores feelings as well as themes of slowing down, paying attention, and finding solace, joy, and happiness in art and in the world.

**EXPERT AUTHOR:** This debut picture book author is an international art scholar and has written an adult book and helped produce a documentary about Agnes Martin.

**ARTISTIC FORMAT:** This book features appealing square format, thoughtful illustrations, and design inspired by Agnes Martin's artwork.

EARLY RELEASE – FEBRUARY | AGES 4 - 8

AU \$29.99 | NZ \$34.99

9781949480535

40 Pages

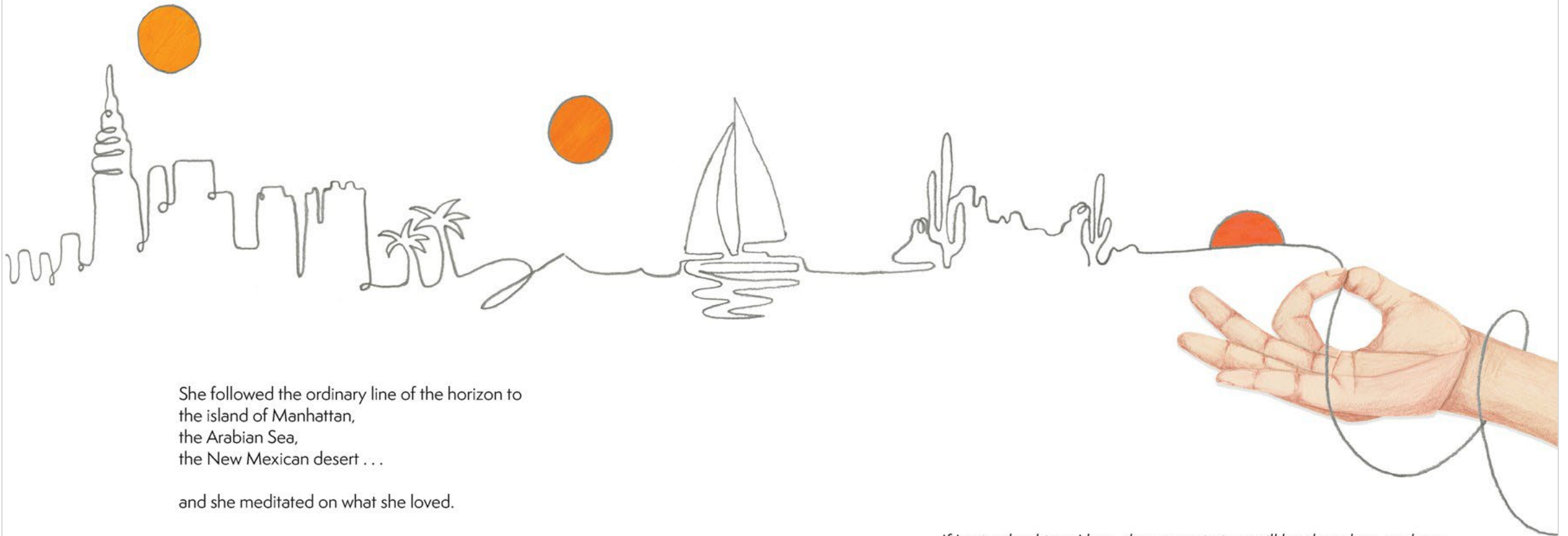
Hardcover with dust jacket

229 mm x 229 mm

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When Agnes felt this way, she stopped painting and went on a journey.

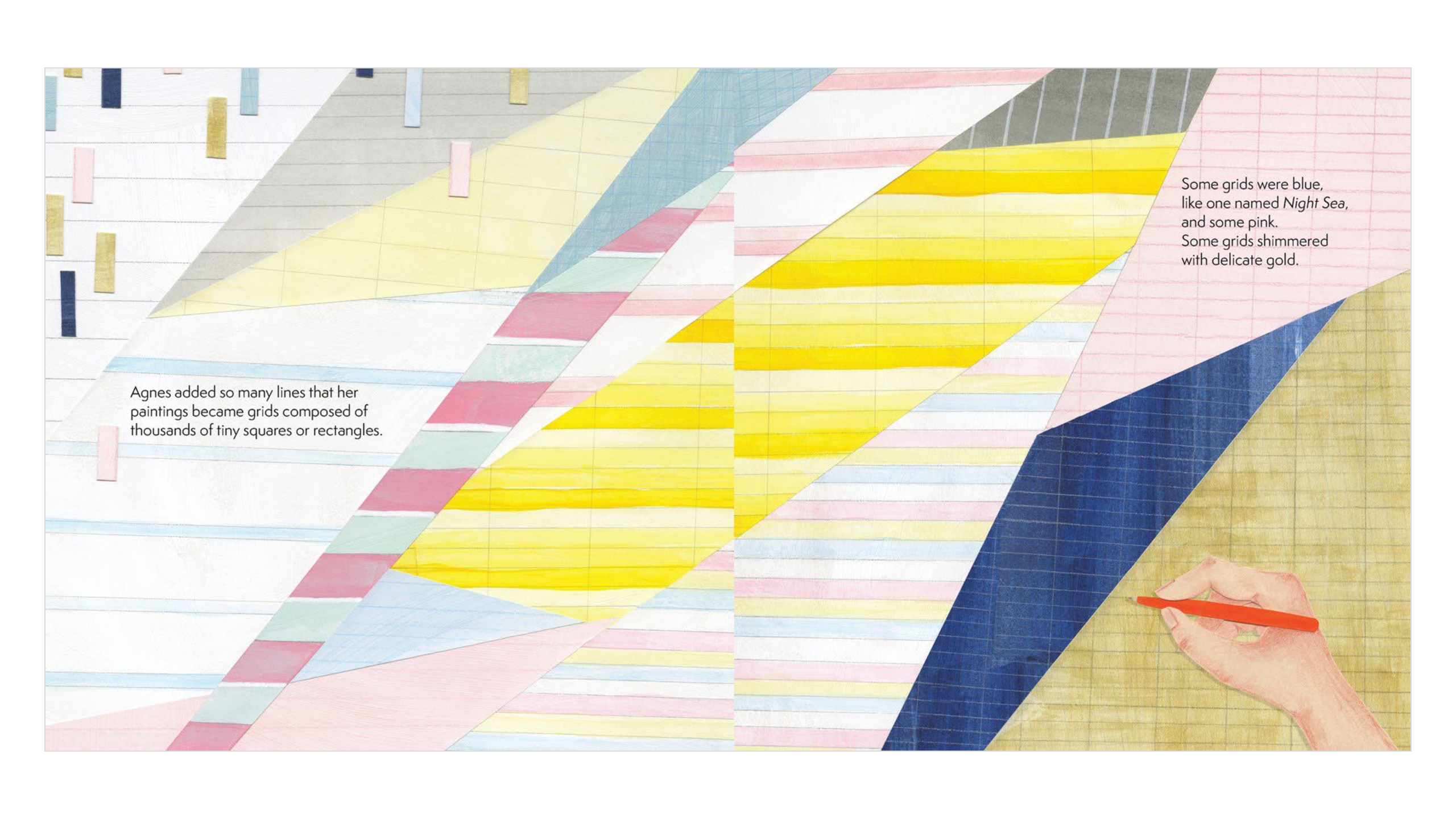


She followed the ordinary line of the horizon to  
the island of Manhattan,  
the Arabian Sea,  
the New Mexican desert . . .

and she meditated on what she loved.

*If I paint the things I love, then my paintings will be about love, and you  
will feel love when you look at them.*



The background of the entire page is a complex, abstract painting. It features large, overlapping geometric shapes in various colors: yellow, pink, blue, and grey. These shapes are filled with fine, hand-drawn lines, creating a grid-like pattern. Some of the grids are more prominent than others. In the top left corner, there are several small, rectangular pieces of paper in different colors (blue, pink, yellow) that look like they are pinned to the wall. In the bottom right corner, there is a hand holding a red pencil, as if it is about to draw or has just finished drawing. The overall style is artistic and illustrative.

Agnes added so many lines that her paintings became grids composed of thousands of tiny squares or rectangles.

Some grids were blue, like one named *Night Sea*, and some pink. Some grids shimmered with delicate gold.



Not everybody liked Agnes's new art.

"They are just ordinary lines!"

"These paintings don't even have names!"

"There are no objects!"

"A work of art doesn't have a subject; it has a spirit," Agnes replied, defending her paintings.

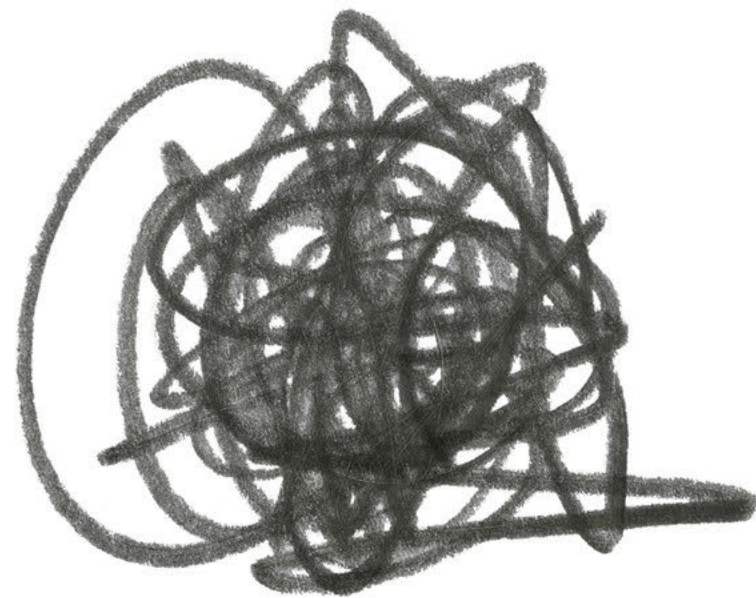


On such days, Agnes forgot how to love the whole world.

*Today I feel angry.*

*Today I feel sad.*

*Today I do not love the whole world.*







One day, Agnes saw children playing hopscotch.

The lines on the pavement reminded her of her grid paintings.

One child sat alone, their back to the others. After some time, the child was invited to join the game, and their face danced with happiness.



That's when Agnes had the thought:

*My paintings are like hopscotch. People can drop their troubles into them, rediscover happiness, and love the whole world again.*



*I Love the Whole World.*



Agnes had so much love for the world she painted it twice.





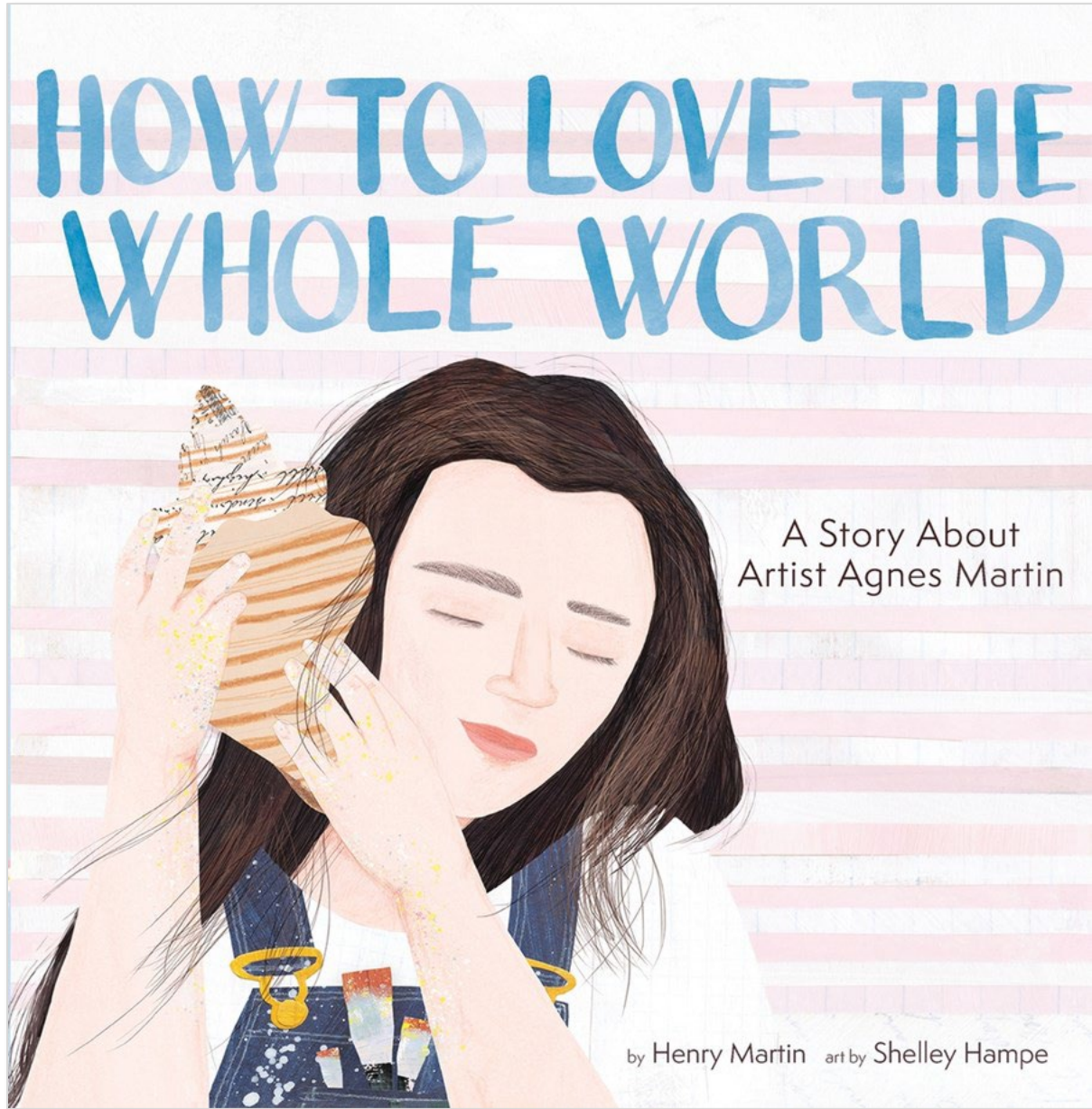
Agnes loved painting waves, but she loved the waves of  
the sea even more.

"It is better to go to the beach and think about painting  
than it is to be painting and thinking about going to the  
beach," she said.

To love the whole world is to be in the world.

Light stippling the surf.  
Salt in the air.  
Sand between toes.  
Love and belonging washing over you.  
Wave upon wave upon wave.





# How to Love the Whole World

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# INVENTIONS TO COUNT ON

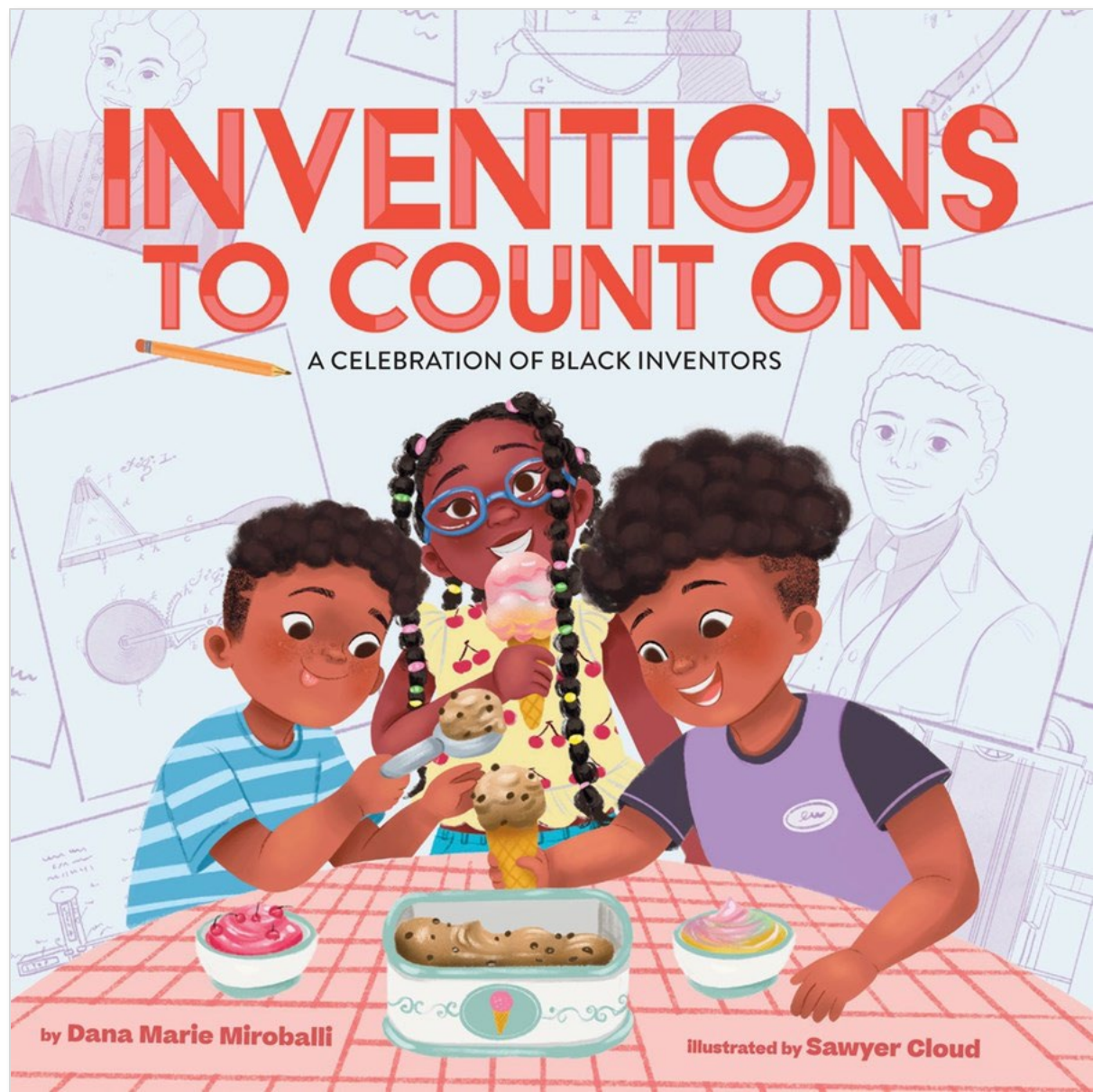
A CELEBRATION OF BLACK INVENTORS



by Dana Marie Miroballi

illustrated by Sawyer Cloud





# Inventions to Count On: A Celebration of Black Inventors

A Picture Book

Dana Marie Miroballi

**REPRESENTATION MATTERS:** Focusing on Black inventors and leaders of technology, this inspirational book helps young readers realize there is always space for them and expands beyond commonly known inventors.

**EDUCATIONAL:** Back matter includes information on patents, what an inventor is, additional reading and sources, and mini biographies on all ten of the featured inventors.

**CONCEPTUAL HOOK:** Learning to count will be as easy as 1-2-3 with this unique counting book celebrating the creations of ten amazing inventors. There's also a bonus spread for older kids ready to count 100 birthday candles!

**PERFECT READ ALOUD:** Dana Marie Miroballi's rhyming text is ideal for read-alouds and Sawyer Cloud's warm, funny illustrations showcase the result of the ten inventors' hard work and imaginations.

AGES 3 - 5

AU \$29.99 | NZ \$34.99

9781419769962

40 Pages

Hardcover with dust jacket

216 mm x 216 mm

Abrams Appleseed



## 6 SCOOPS

Six scoops make a tasty treat,  
stacked in cones for us to eat!





## 10 FLOORS

Ten floors straight up to the top.  
Doors will open when we stop!

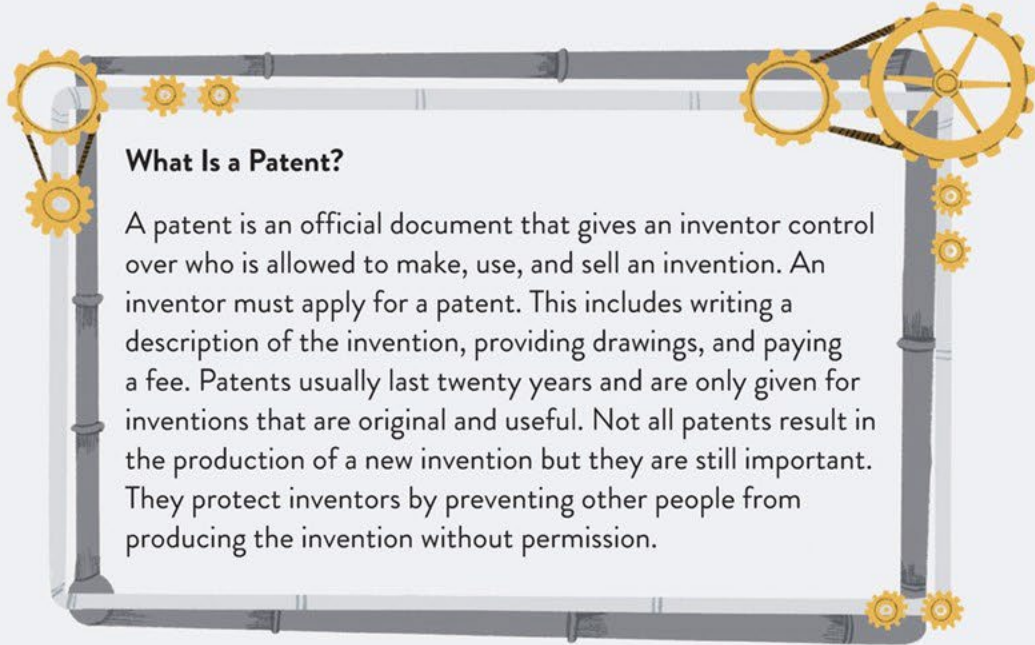






### What Is an Inventor?

Inventors design useful devices, make improvements to older inventions, or develop original ways of doing things. They make the world better by coming up with new ideas to solve problems and developing creative ways to fulfill needs. Inventors can receive a patent to protect their product or idea.



### What Is a Patent?

A patent is an official document that gives an inventor control over who is allowed to make, use, and sell an invention. An inventor must apply for a patent. This includes writing a description of the invention, providing drawings, and paying a fee. Patents usually last twenty years and are only given for inventions that are original and useful. Not all patents result in the production of a new invention but they are still important. They protect inventors by preventing other people from producing the invention without permission.



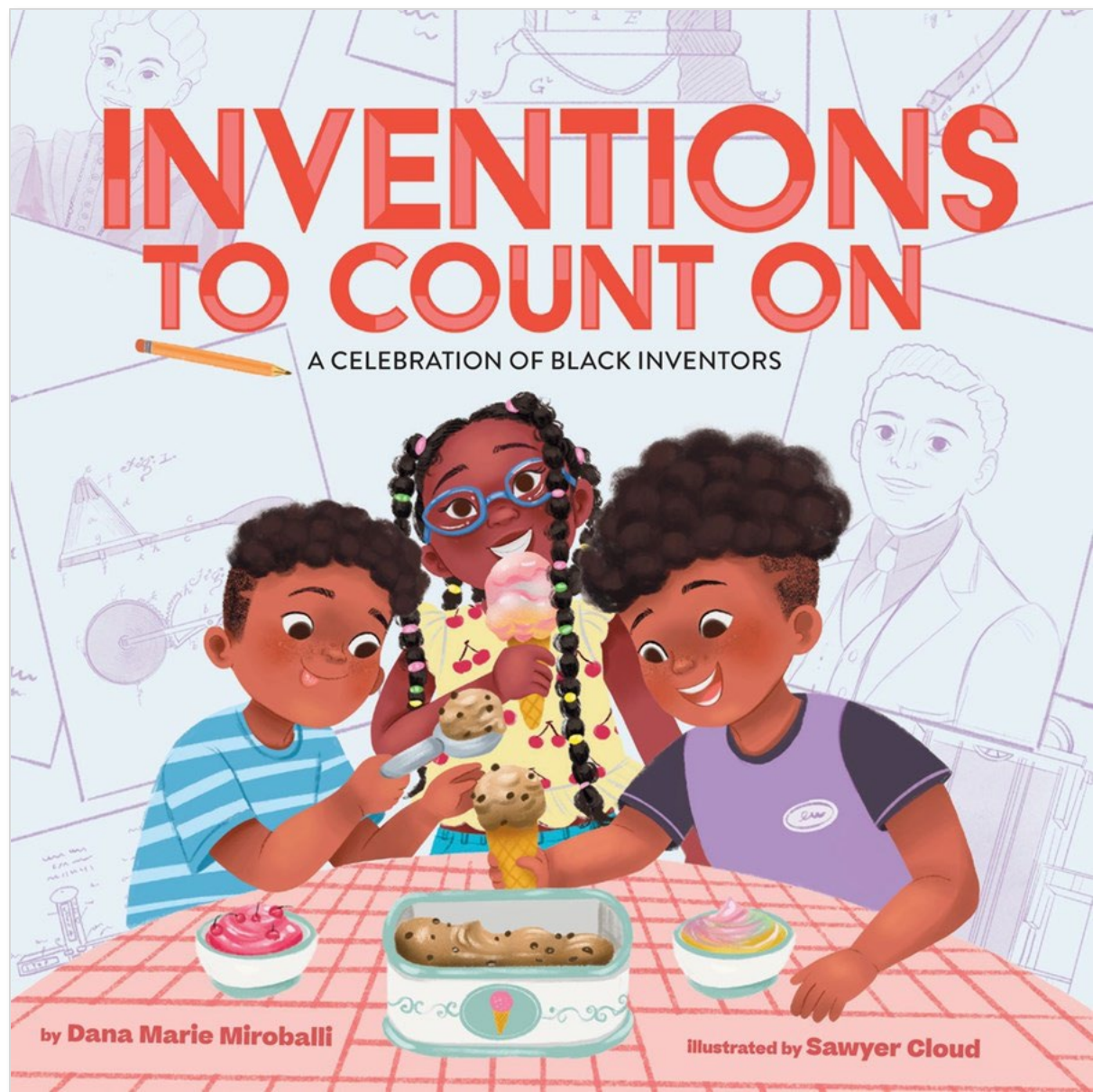
### What Will YOU Invent?

The Black inventors in this book—and many, many more—helped change the world through their cleverness, curiosity, and creativity. Modern inventors are now shaping the present and future. You can too! What are you curious about? Will your ideas help people feel safe outdoors, like Raquel Graham's Headlightz beanies? Will they lead to new communication methods, like Roy Allela's Sign-IO smart gloves? Or will your ideas keep the fun going, like Tahira Reid's double Dutch jump rope machine?

Whether you're interested in technology, safety, or entertainment, there are always problems to solve, things to improve, and new discoveries to be made. It's your turn to influence tomorrow. What can you imagine changing for the better?







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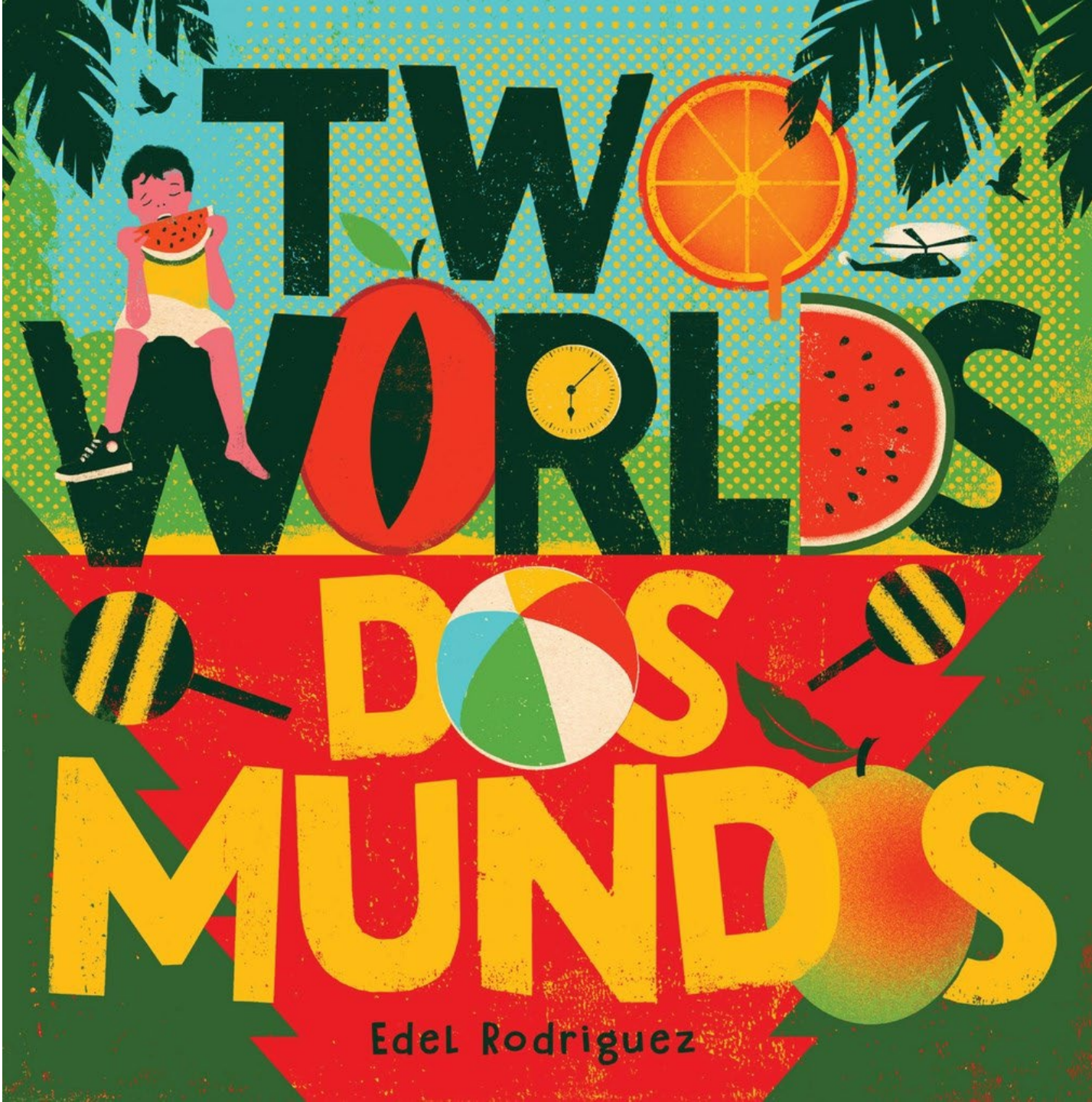
40 Pages

Hardcover with dust jacket

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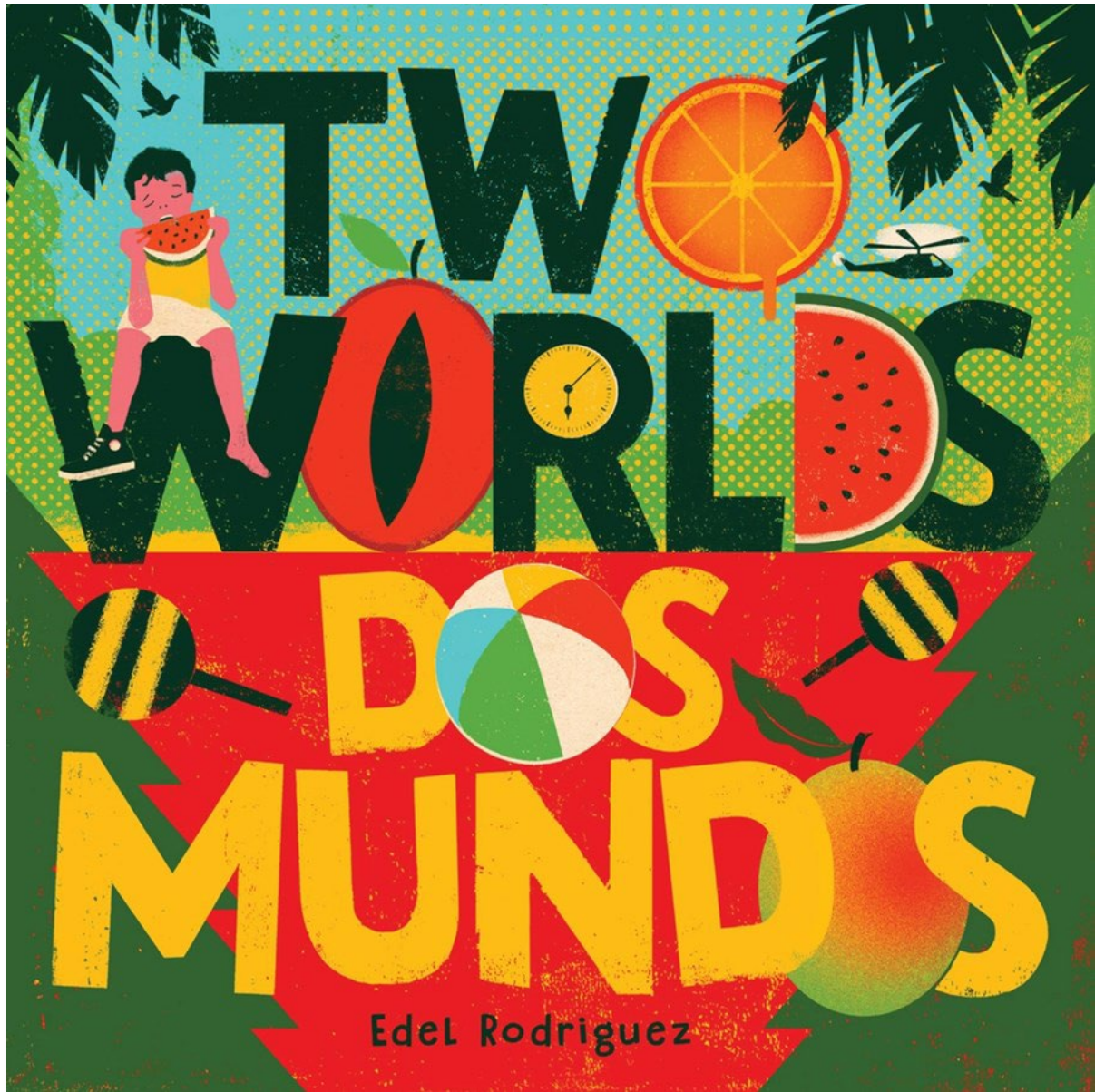
Abrams Appleseed





Edel Rodriguez





## Two Worlds (Dos mundos)

### A First Picture Book of English and Spanish Words

Edel Rodriguez

**STAR ARTIST:** Rodriguez won a 2024 Pura Belpré Author Honor for his graphic memoir *Worm: A Cuban American Odyssey*. His work has been exhibited internationally and commissioned by many high-profile clients like the *New York Times* and *TIME* magazine.

**REAL-LIFE INSPIRATION:** Rodriguez's family had to suddenly leave their home during the 1980 Mariel boatlift, emigrating from Cuba to the United States. In this loosely autobiographical story, many of Rodriguez's word choices highlight the culture shock he experienced, like adjusting from the tropical fruta of Cuba to the unfamiliar fruits of the United States.

**IMMIGRANT STORY:** Readers see the protagonist navigate cultural differences, shown by the same word in Spanish and English on each spread with contrasting visuals.

**BILINGUAL:** Books that feature both Spanish and English are in demand.

**FRESH CONCEPT BOOK:** A very spare, vocabulary-driven text combined with Rodriguez's bold art make this a perfect language primer for little ones.

BILINGUAL - ENGLISH | SPANISH | AGES 3 - 5

AU \$24.99 | NZ \$29.99

9781419764950

32 Pages

Hardcover with dust jacket

216 mm x 216 mm

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iSLA



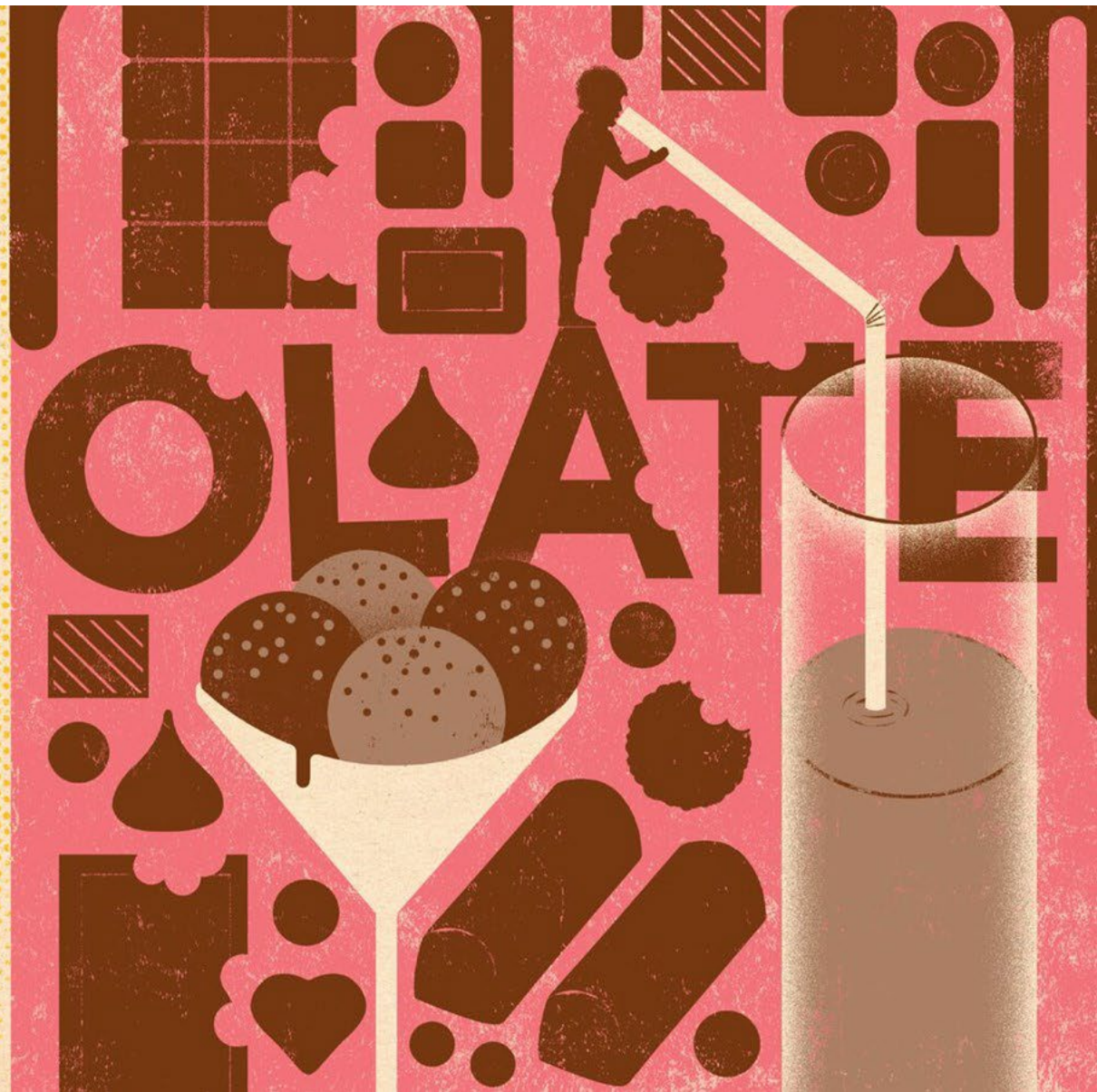


# AMiGO

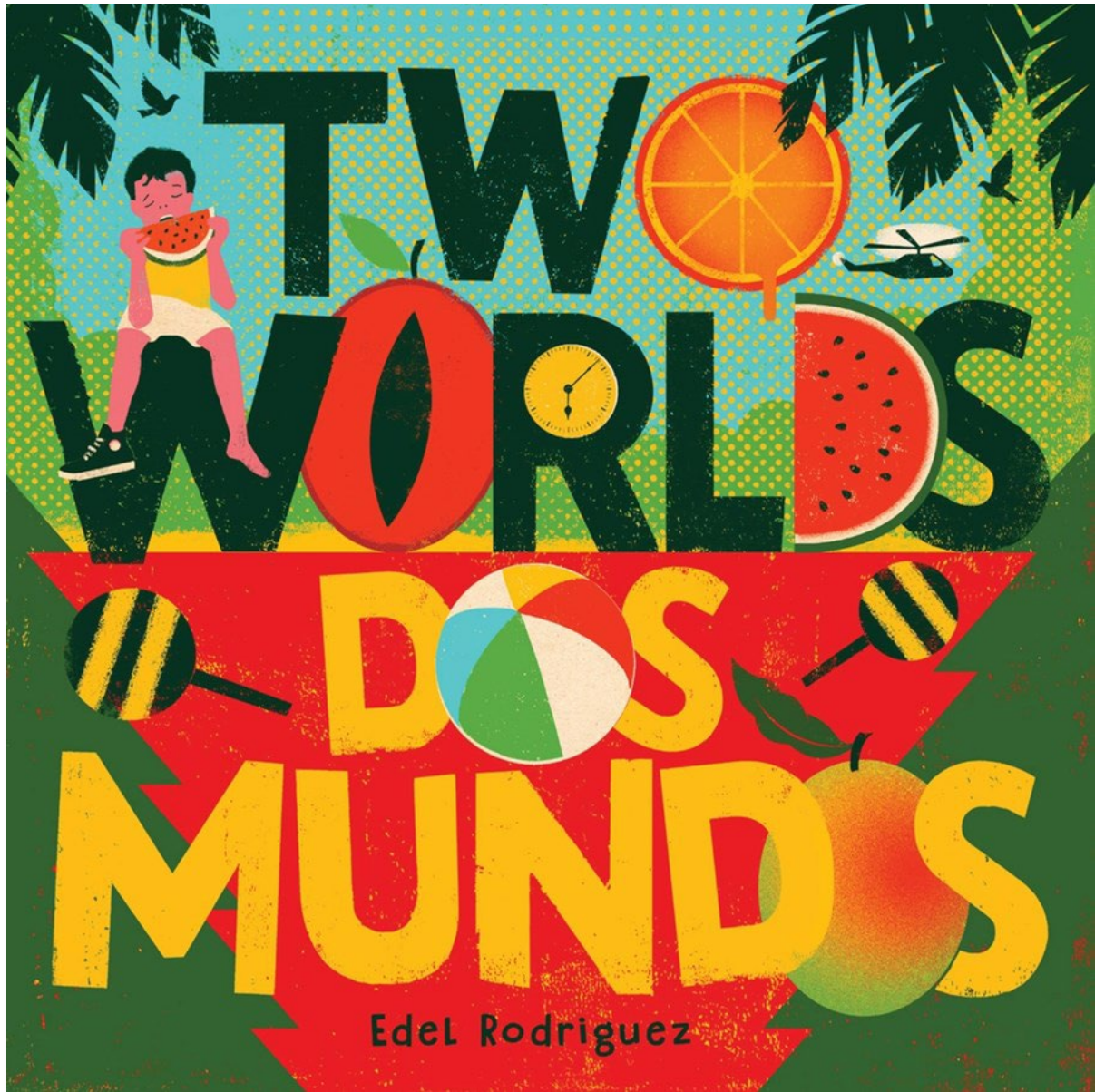


# FRIEND









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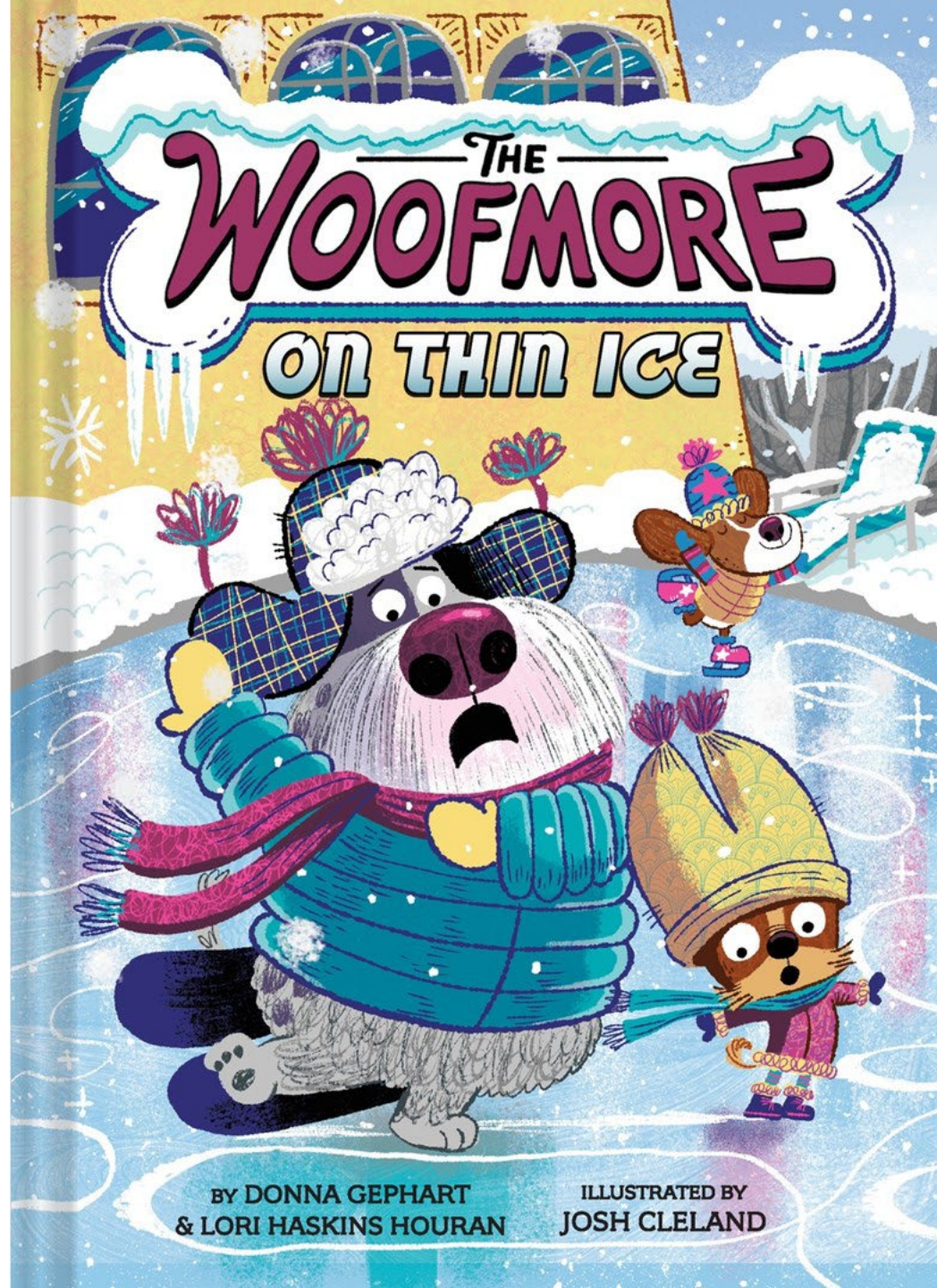
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# THE WOOFMORE

## ON THIN ICE

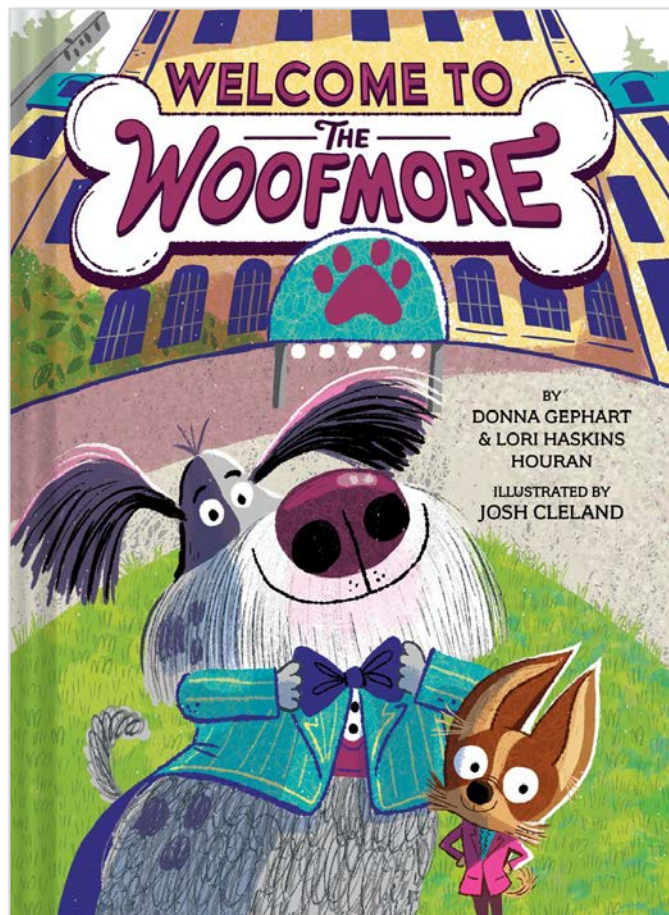


BY DONNA GEPHART  
& LORI HASKINS HOURAN

ILLUSTRATED BY  
JOSH CLELAND

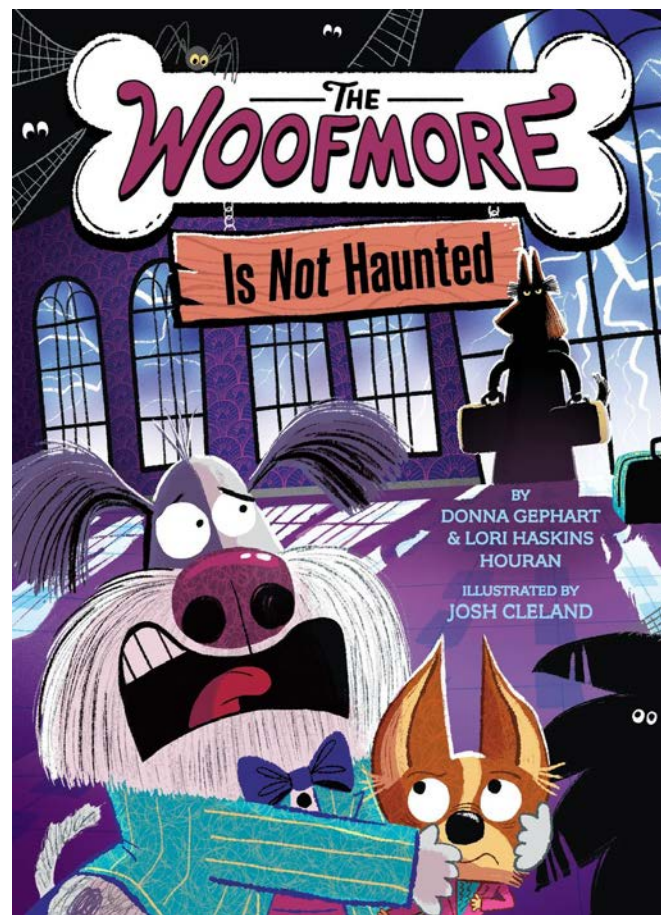


## ALSO AVAILABLE



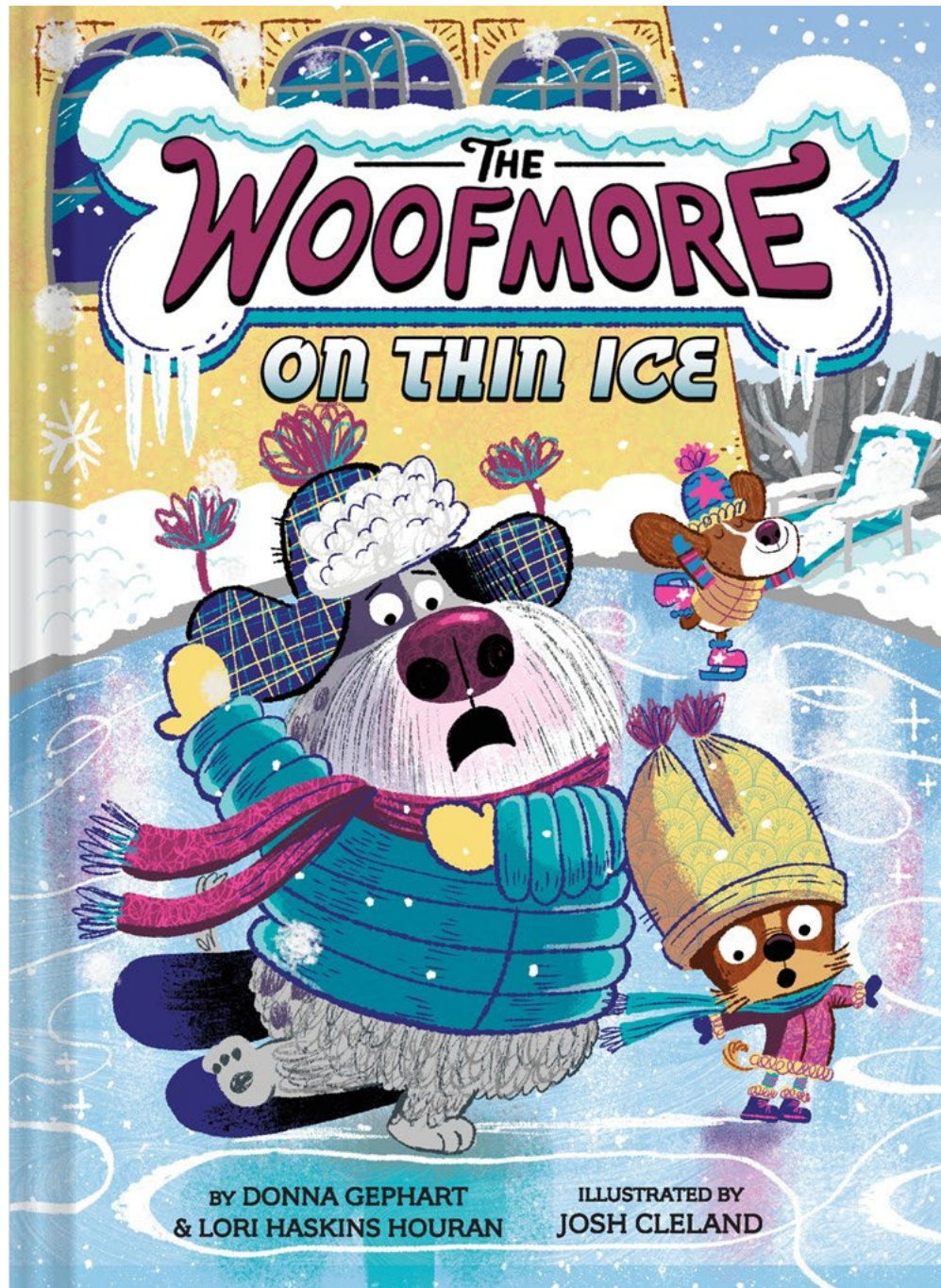
**HB: 9781419767623**

**PB: 9781419767630**



**9781419767647**





## The Woofmore on Thin Ice (The Woofmore #3)

Donna Gephart

**AWESOME AUTHORS:** Gephart and Houran have written a number of books that have sold well, received starred reviews, and gotten on best-of-the-year lists. Gephart's *Lily and Dunkin* was an Indie Next Pick, a JLG selection, a Goodreads Choice Award winner, a Southern Book Award Winner, a YALSA Quick Pick for Reluctant Readers, and a California Young Reader Medal Winner, among many others. Houran's books have won the Paterson Prize for Books for Young People, received starred reviews, and been named a Best Children's Book by the Smithsonian *Air & Space* magazine.

**DOG DELIGHT:** Dog stories are perennially popular, and this pet-centered adventure is filled with puns and is super kid-friendly.

**ADORABLE ILLUSTRATIONS:** The chapter book will include lots of full-color illustrations, so kids can see just how adorable every hotel pup really is!

AGES 6 - 9

AU \$21.99 | NZ \$24.99

9781419767661

80 Pages

Hardcover Paper over boards

210 mm x 152 mm

Amulet Books





Rufus stretched. A biiiiiig stretch.  
He yawned. A biiiiiig yawn.  
*Stay awake, he told himself. Must... stay... awake!*

It wasn't easy. Outside the hotel, snow fell softly. Rufus watched through the windows as it landed on the shrubs, the fancy statues, even the swimming pool.

Inside the lobby, a fire crackled in the fireplace. It felt warm and cozy. So co—  
*ZZZZZZZZ.*

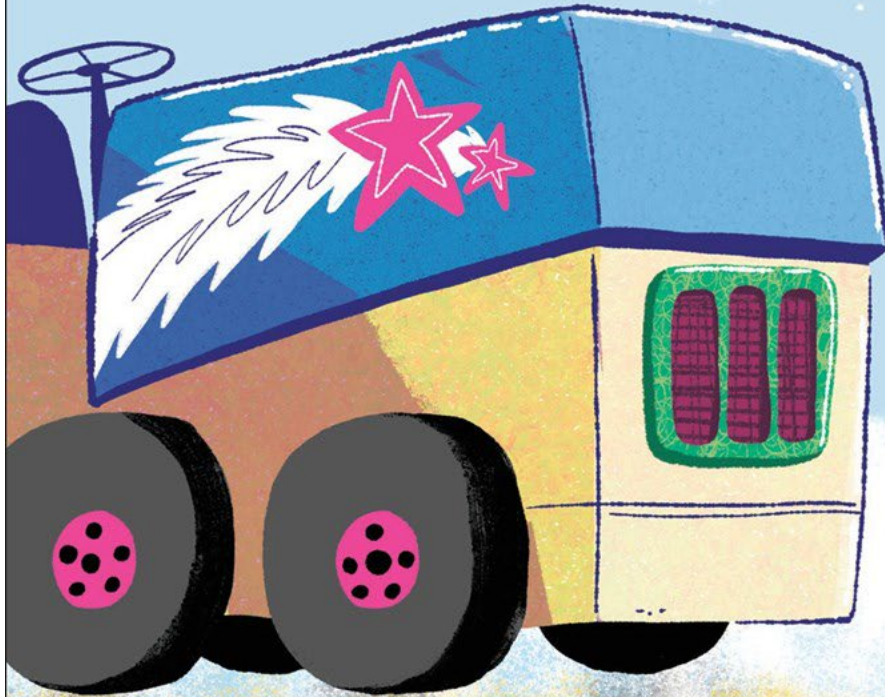








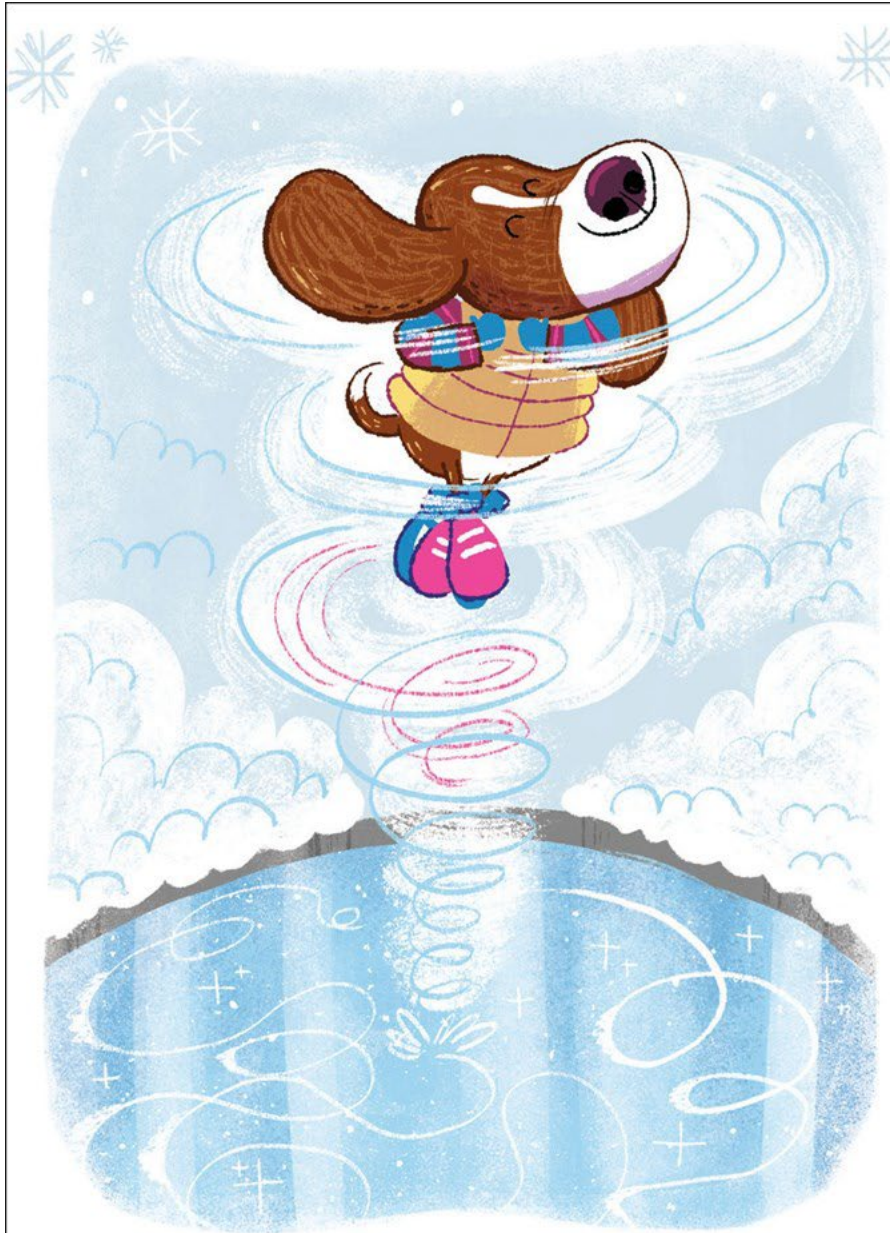
Rufus slipped. “Wh-wh-WHOA!”  
“Easy does it,” said a friendly voice.  
Rufus felt a paw on his back. A small  
beagle was holding him steady.  
“Thank you!” Rufus said. “Be careful. It’s  
slippery out here.”



“Not to me, it isn’t.” The beagle winked.  
“Oh, of course! A little ice wouldn’t slip  
you up, Ms. LaBone.”  
“Please, call me Furya.”







Furya turned on some lovely music by *Woofgang* Mozart. Then she glided onto the ice. Rufus watched her spin and leap. She was absolutely *furbulous*!

“Bow-WOW!” said Rufus. “Furya, are you sure that last jump wasn’t a showstopper?”

“Nope,” called Furya. “Just a regular old double axel.”

“What about *THAT* jump?”

“Triple toe loop. Every skater in the competition does one.”







Rufus helped Hank the Housekeeper wheel a big TV into the hotel lobby. “It’s on!” Sparkles called.

Ms. Coco, Sparkles, Hank, and Rufus gathered around the screen.

“Wait—we need *pupcorn!*” Chef Goodboyardee brought out a big bowlful. He tipped some into Rufus’s cone.

“At least this cone is good for something,” Rufus grumbled.





“Ladies and gentlemutts!” said the TV announcer. “Welcome to the BIG ice-skating competition. Let’s get started!”

On the screen, skater after skater twirled and jumped.

In the lobby, Rufus and the others watched and munched.



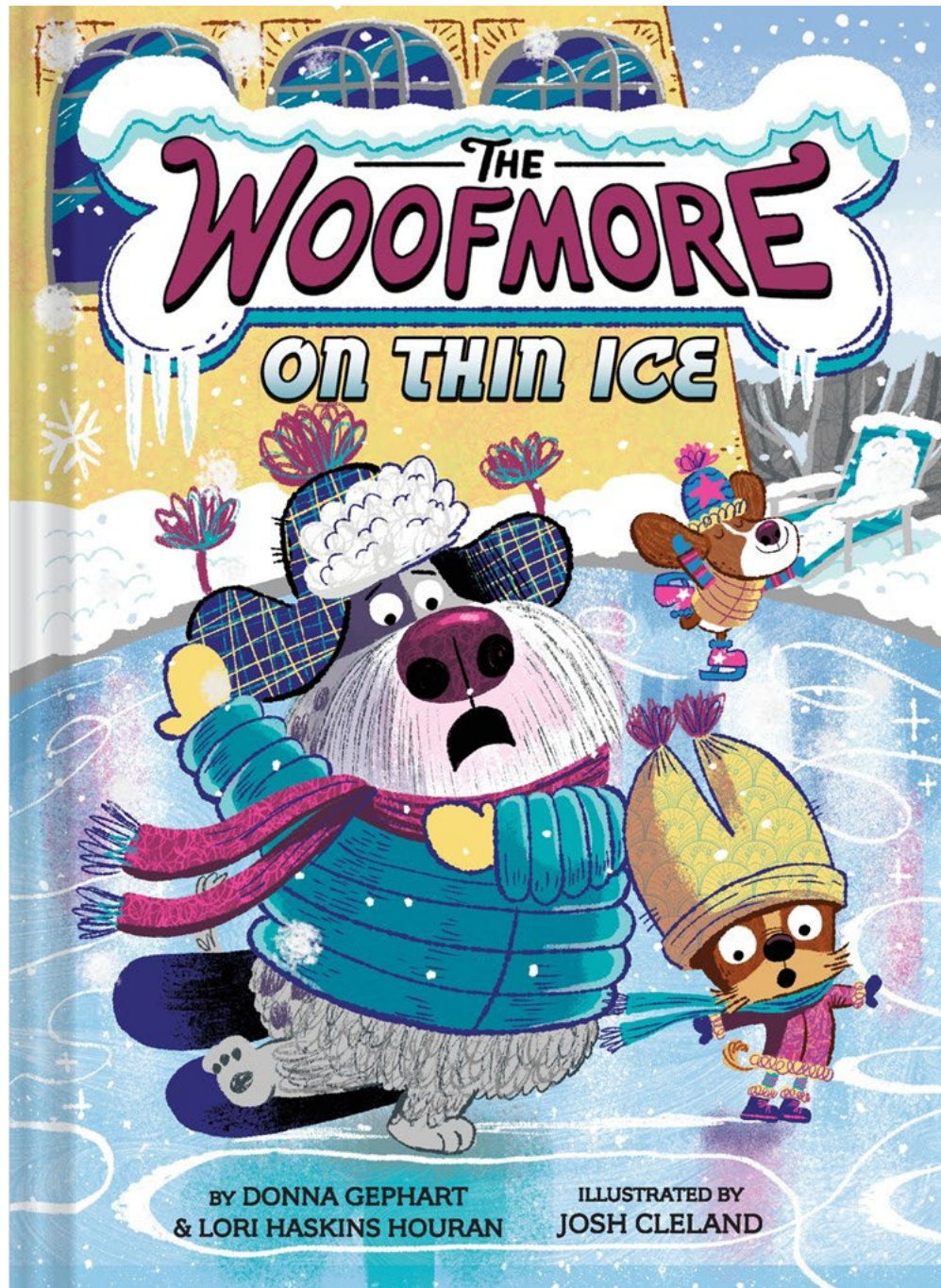
“And now for our final competitor of the evening, Furya LaBone!”



“Oh, boy!” Rufus let out a little toot. He was nervous for Furya.

*Come on, he thought. You can do it!*





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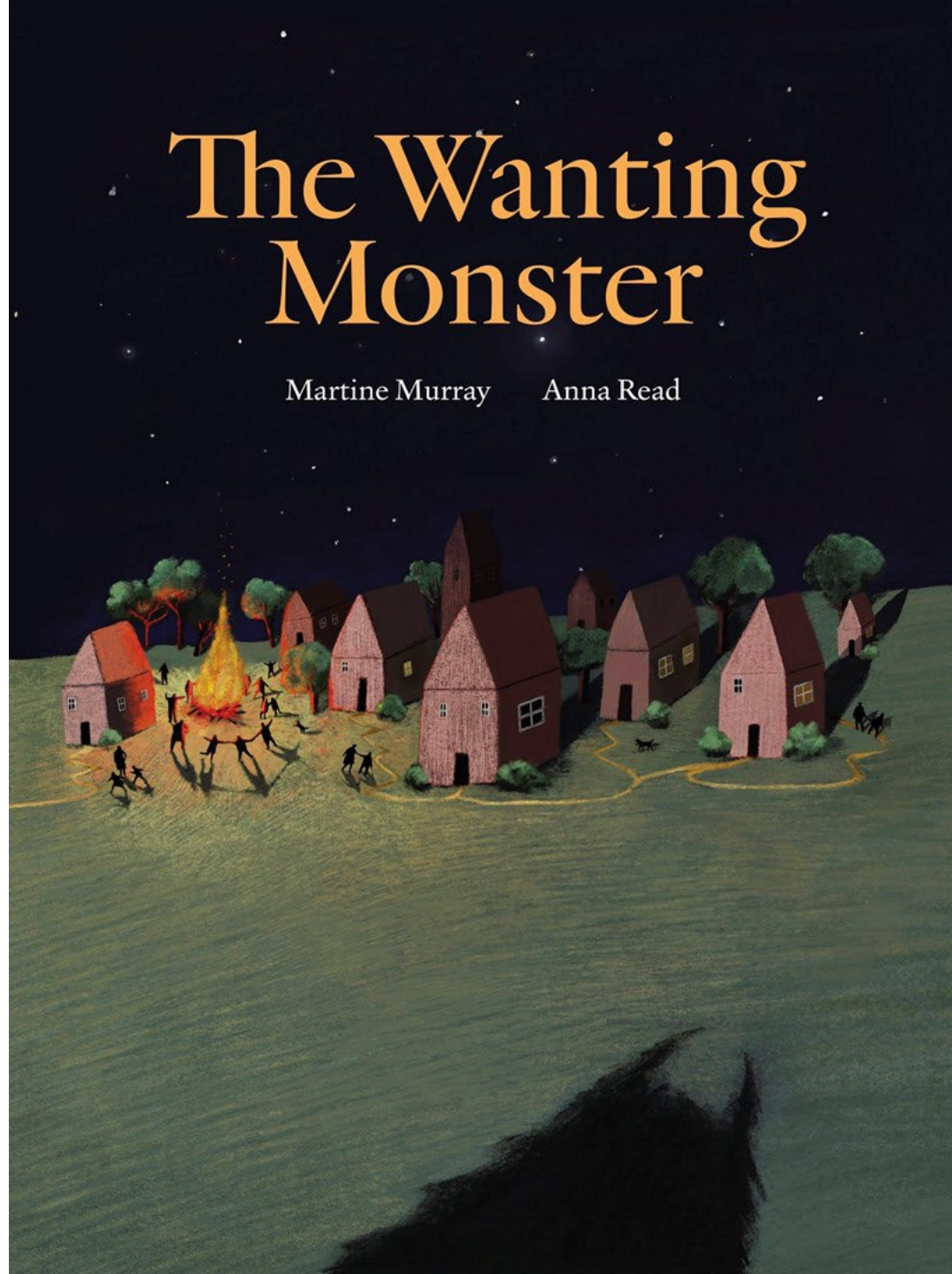
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Amulet Books



# The Wanting Monster

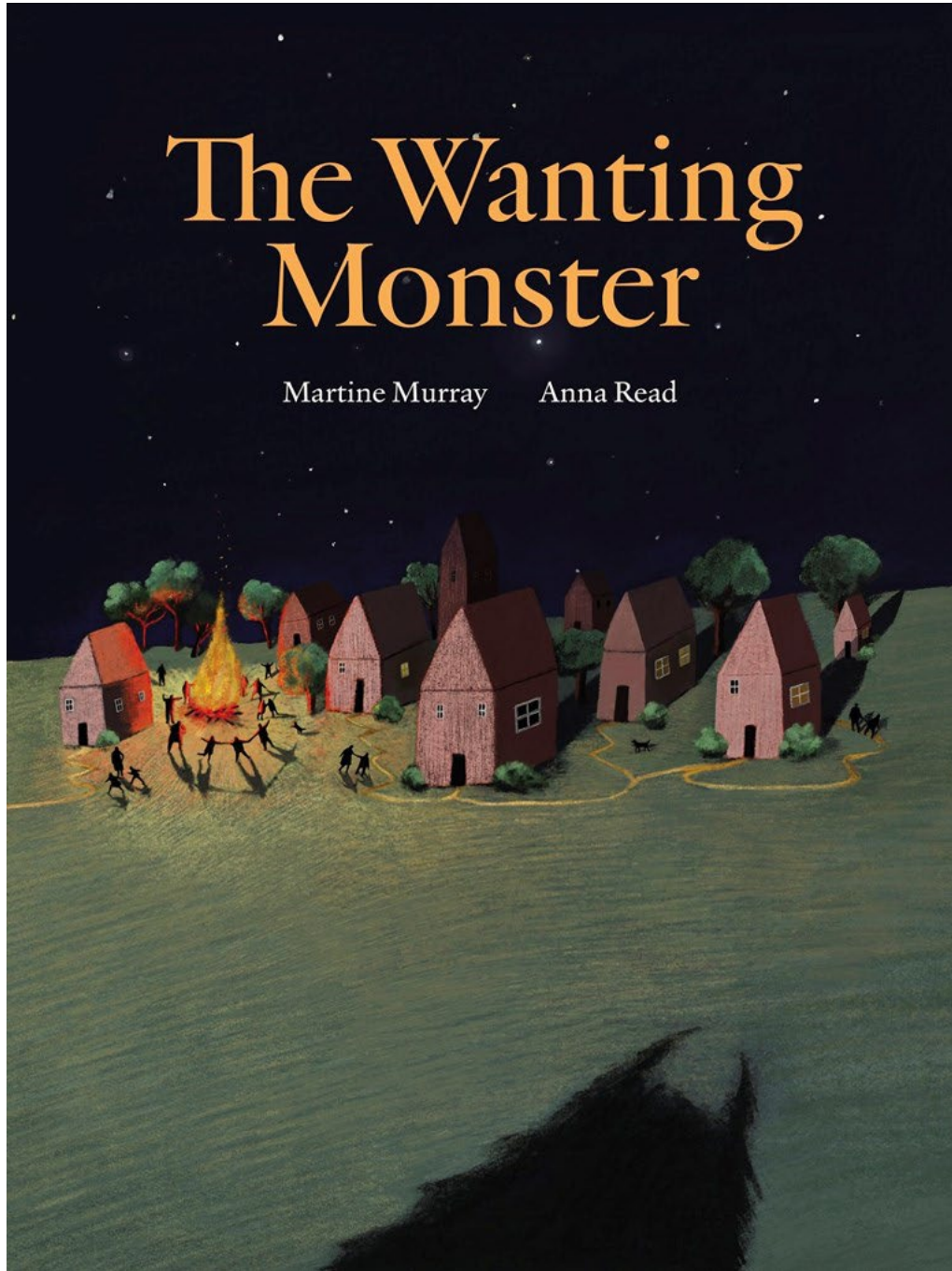
Martine Murray   Anna Read





# The Wanting Monster

Martine Murray   Anna Read



## The Wanting Monster

Martine Murray

**A MODERN-DAY FABLE:** A beautifully illustrated book with high relevance to our times, while reclaiming the age-old art of fables and fairy tales.

**INTERGENERATIONAL APPEAL:** A philosophical story which will appeal to both children and adults thanks to its playful approach to deep themes.

**RELEVANT AND TIMELY:** Puts a sharp focus on the tendency to want and crave more than is needed and on the value of giving back. Embedded in the story is an ecology degraded by greed and redeemed by the realization of interconnection and our human capacity to see well and rightly.

**FROM A WELL-LOVED AUSTRALIAN AUTHOR:** Murray is a highly acclaimed middle-grade and YA author in her native Australia. Author of the mid-grade *C. B Hartley* series and *Molly and Pim and the Millions of Stars* and the YA title *How To Make A Bird*.

**PRODUCED SUSTAINABLY:** In keeping with the book's ecological themes.

AGES 6 - 9

AU \$29.99 | NZ \$34.99

9781592704194

76 Pages

Hardcover

292 mm x 203 mm

Enchanted Lion

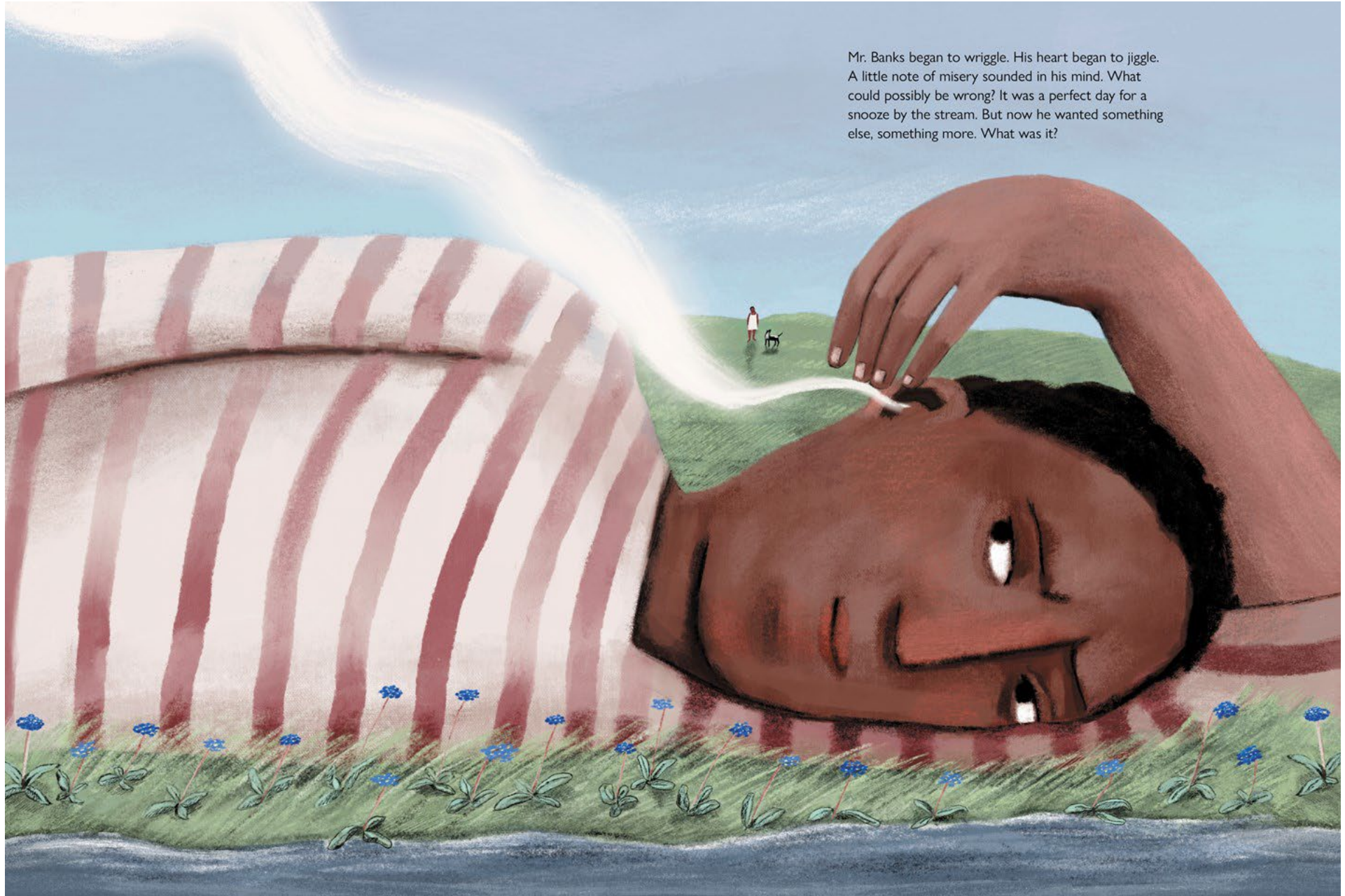




Not far away, Mr. Banks was taking an afternoon nap by the stream. The Wanting Monster felt a terrible compulsion. It whined and moaned right in Mr. Banks's ear.



Mr. Banks began to wriggle. His heart began to jiggle.  
A little note of misery sounded in his mind. What  
could possibly be wrong? It was a perfect day for a  
snooze by the stream. But now he wanted something  
else, something more. What was it?





Mrs. Walton picked all the flowers she could carry.  
Not wanting to be outdone, Ms. Brazzle hurried into  
the fields, followed by Mrs. Conwell. Soon there were  
no flowers left. The bees had no pollen, the butterflies  
fled, and the wrens and finches couldn't nest.



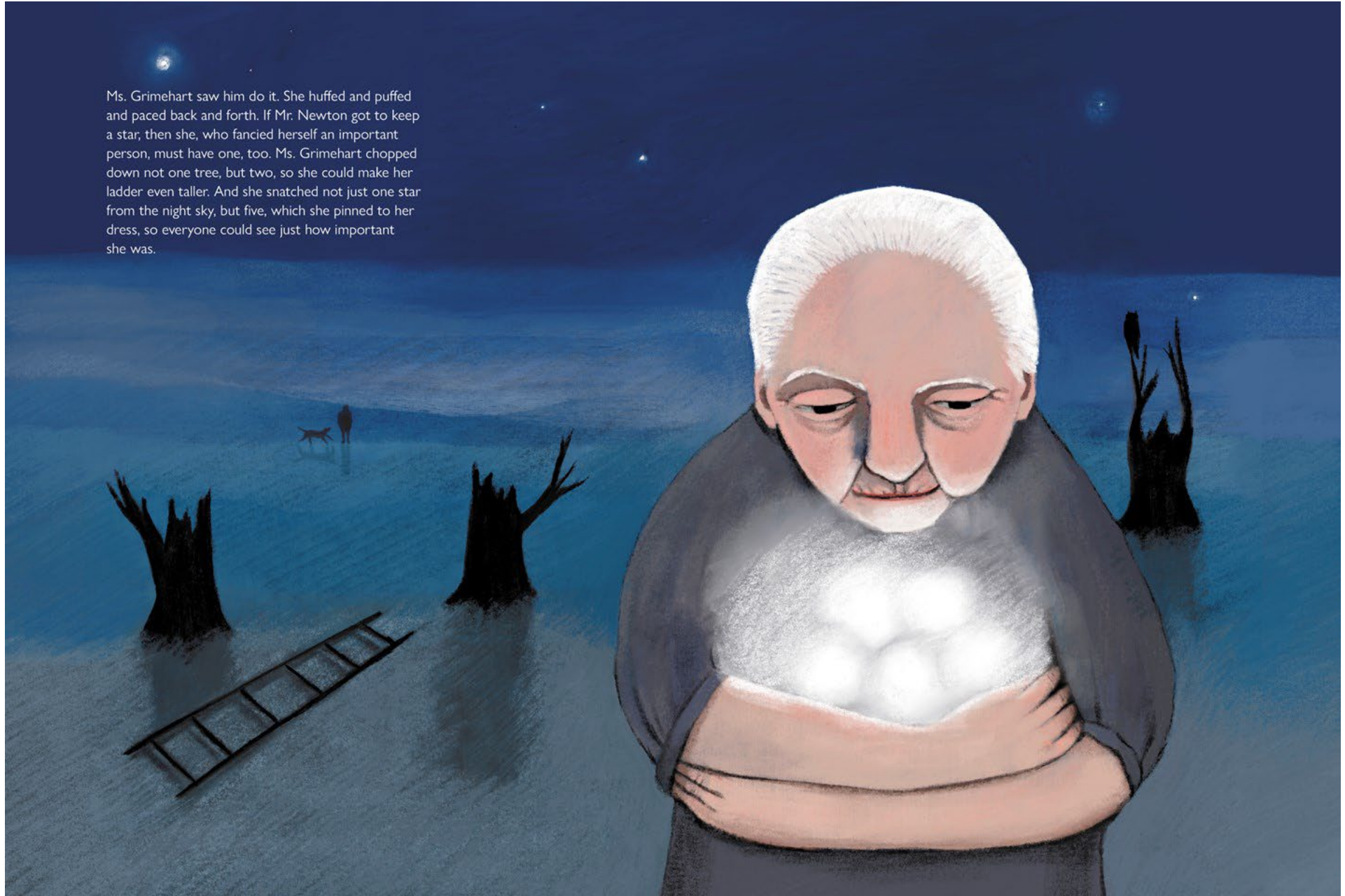




And with the ladder, he climbed up into the night  
and took a star out of the sky.



Ms. Grimehart saw him do it. She huffed and puffed and paced back and forth. If Mr. Newton got to keep a star, then she, who fancied herself an important person, must have one, too. Ms. Grimehart chopped down not one tree, but two, so she could make her ladder even taller. And she snatched not just one star from the night sky, but five, which she pinned to her dress, so everyone could see just how important she was.







Seeing this, the Wanting Monster roared with laughter—  
his whispering had destroyed the whole village.

This time, the people heard.  
“What is that?” they asked. “What made that strange noise?”



# The Wanting Monster

Martine Murray   Anna Read



## The Wanting Monster

Martine Murray

**A MODERN-DAY FABLE:** A beautifully illustrated book with high relevance to our times, while reclaiming the age-old art of fables and fairy tales.

**INTERGENERATIONAL APPEAL:** A philosophical story which will appeal to both children and adults thanks to its playful approach to deep themes.

**RELEVANT AND TIMELY:** Puts a sharp focus on the tendency to want and crave more than is needed and on the value of giving back. Embedded in the story is an ecology degraded by greed and redeemed by the realization of interconnection and our human capacity to see well and rightly.

**FROM A WELL-LOVED AUSTRALIAN AUTHOR:** Murray is a highly acclaimed middle-grade and YA author in her native Australia. Author of the mid-grade *C. B Hartley* series and *Molly and Pim* and the *Millions of Stars* and the YA title *How To Make A Bird*.

**PRODUCED SUSTAINABLY:** In keeping with the book's ecological themes.

AGES 6 - 9

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76 Pages

Hardcover

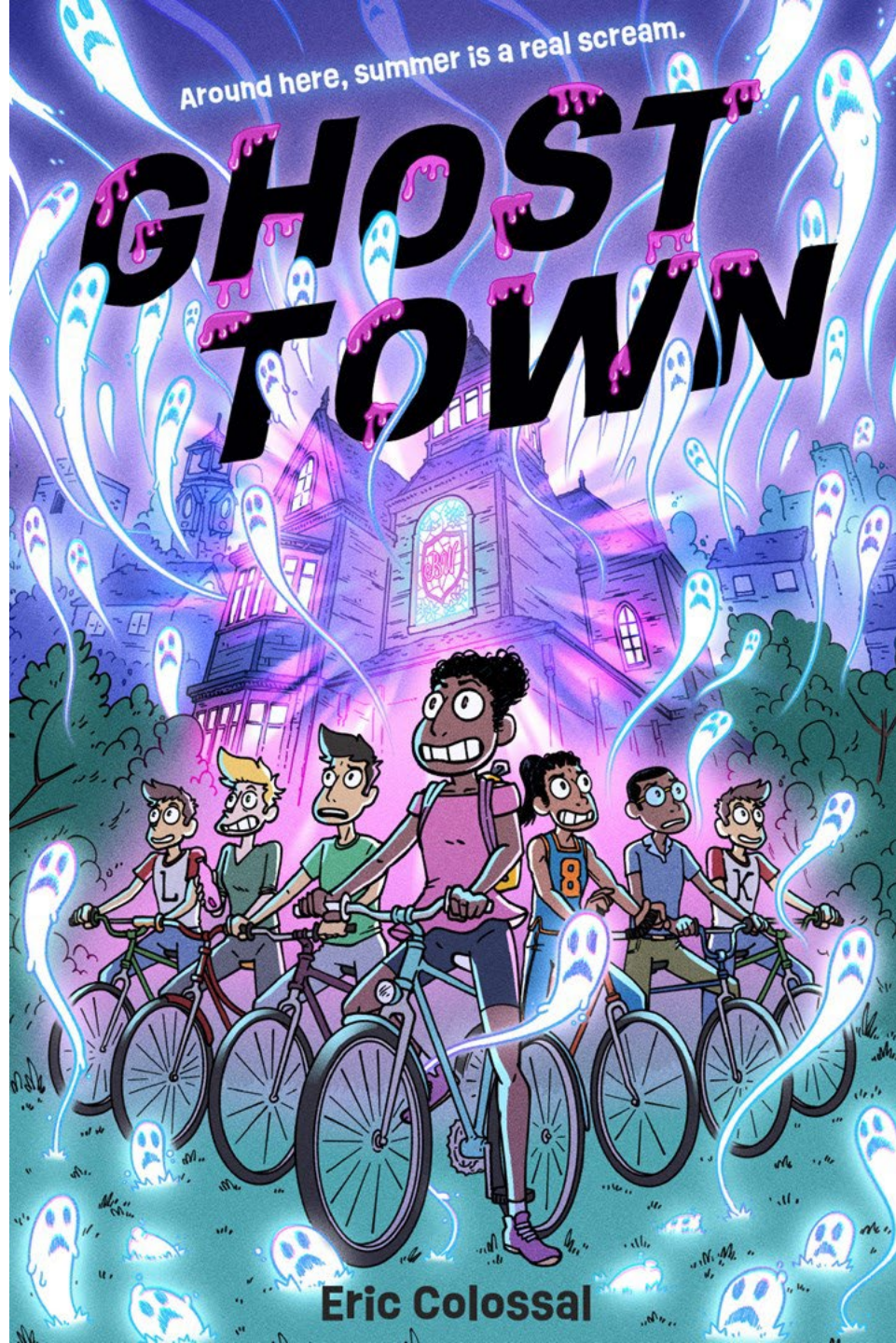
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Enchanted Lion



Around here, summer is a real scream.

# GHOST TOWN



Eric Colossal





# Ghost Town

## A Graphic Novel

Eric Colossal

**HOUSE AUTHOR:** Eric Colossal is no stranger to the comics scene; his Rutabaga series has netted over 50,688 copies across formats (HB + paperback) , gaining praise from Scott Campbell and a place on New York Public Library's Best Books for Kids (2016).

**COMING-OF-AGE STORY:** With relatable events like changing schools, getting bad report cards, and dealing with crushes, protagonist Lily Cole is sure to appeal to young readers who are going through similar adolescent growing pains.

**SPOOKY, FUN ADVENTURE:** *Ghost Town* mixes heart, humor, and adventure with a light, ooky-spooky tone, sure to appeal to fans of *Snapdragon*, the Mighty Jack and Zita the Spacegirl series, and Abrams' own Suee and the Shadow duology.

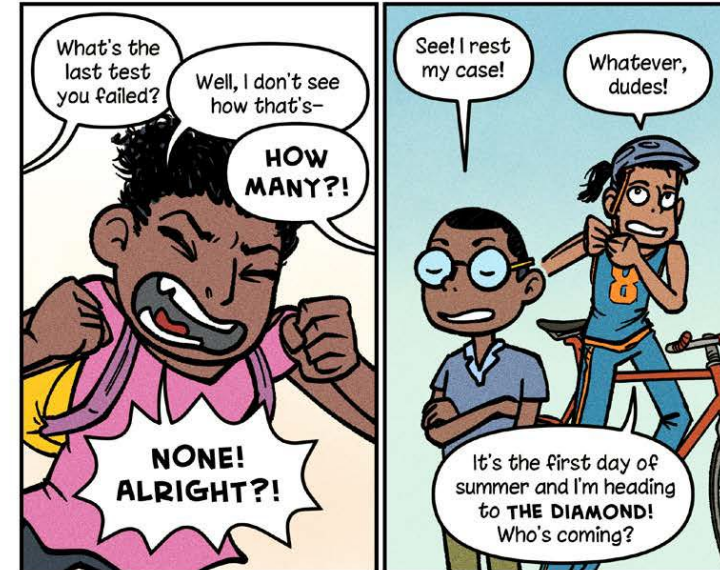
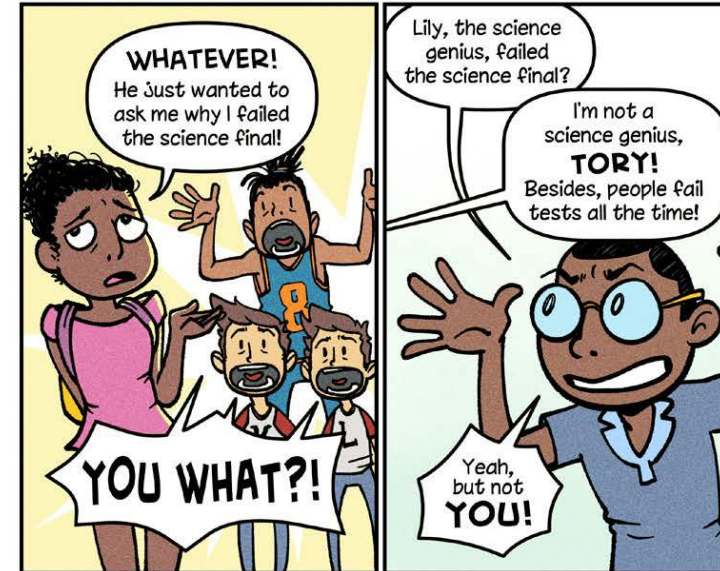
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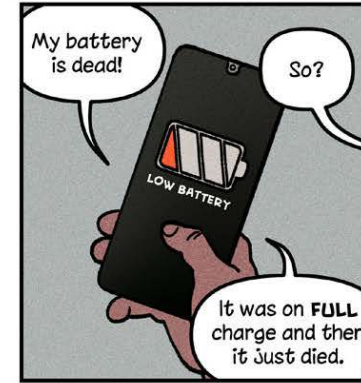




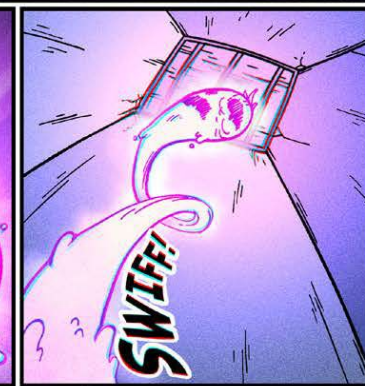




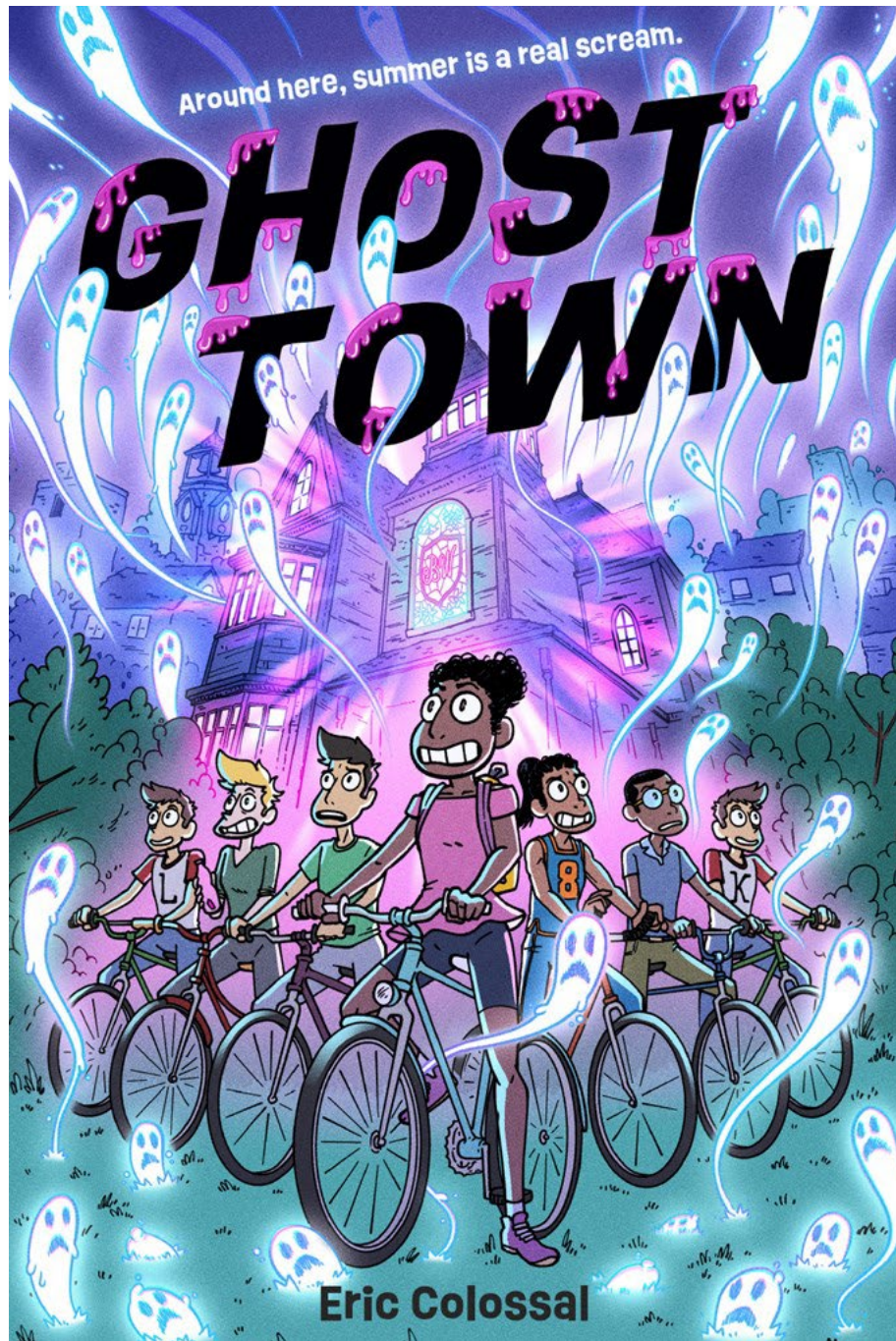












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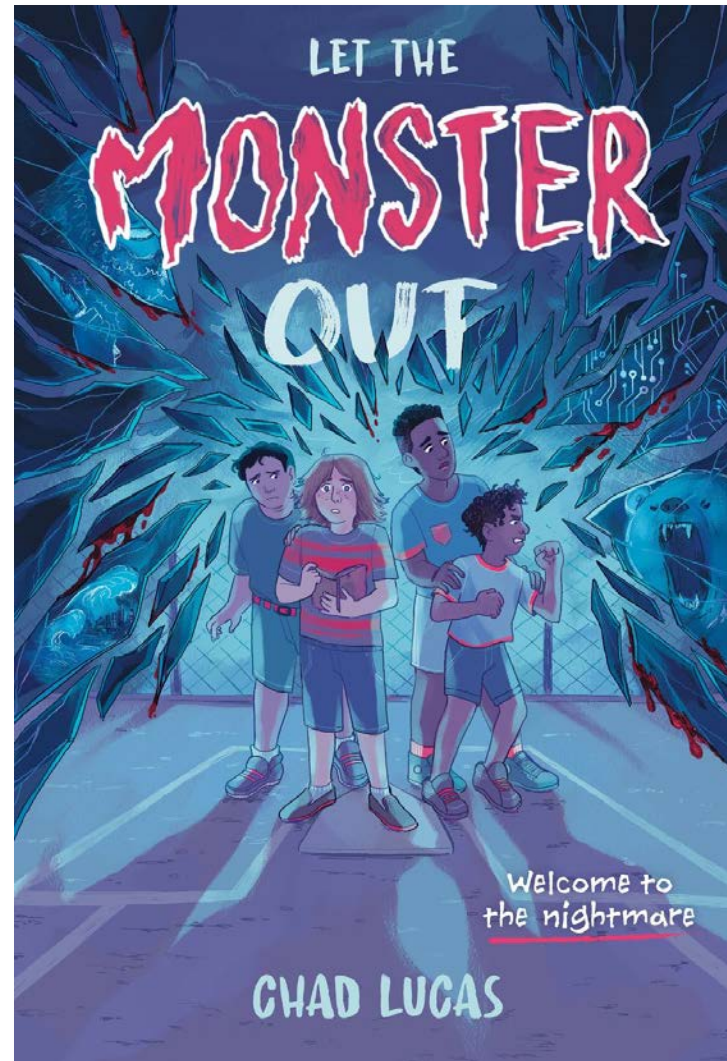
# THE VANISHED ONES



CHAD LUCAS



ALSO AVAILABLE



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# The Vanished Ones

Chad Lucas

**BACKLIST PRAISE:** Lucas's debut, *Thanks a Lot, Universe*, was a Cybils Award Finalist, the Ann Connor Brimer Award winner, a Lone Star/TLA Pick, a JLG selection, and received two starred reviews and blurbs from Janae Marks, Wesley King, and Nic Stone. His follow-up, *Let the Monster Out*, was a Red Maple Award nominee, MYRCA Northern Lights Award nominee, and an Eleanor Cameron Notable Middle Grade Book.

**GENRE BLENDING:** Combining mystery and fantasy with a healthy dose of heartfelt prose, Lucas has crafted a story that feels very classic but for a contemporary reader and deftly discusses topics of race and religion with empathy and in a way that's sure to connect with young readers.

**CROSS-PROMOTION:** The book will publish alongside the paperback of *Let the Monster Out*, which will include a sneak peek of Lucas's new standalone novel.

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Will Caleb risk everything for the game he loves?



FROM THE AUTHOR OF  
**GAME CHANGER**

# DINGED

**TOMMY GREENWALD**



Will Caleb risk everything for the game he loves?



FROM THE AUTHOR OF  
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**TOMMY GREENWALD**

## Dinged

### A Game Changer Companion Novel

Tommy Greenwald

**SUCCESSFUL BACKLIST:** *Game Changer* has sold more than 75,000 copies, was an Amazon Best Book of the Month, and is now in its tenth printing. *Rivals* has sold more than 36,000 copies and was also a JLG selection and an Amazon Prime Box selection. *Dinged* is off to a strong start with over 18,000 copies sold.

**UNIQUE FORMAT:** The story has multimedia elements to the writing—such as sports commentary, interviews, and newspaper articles—making it an accessible read.

**TIMELY TOPIC:** Sports books are especially popular in middle grade. Like *Game Changer*, *Dinged* also tackles the dangers of playing football, this time through the lens of a father-son relationship. This topic is still unfortunately timely and is one that Greenwald is passionate about.

**CROSS PROMOTION:** *Dinged* will publish alongside *The Right Call*, the brand-new book in the series, offering plenty of entry points for new readers.

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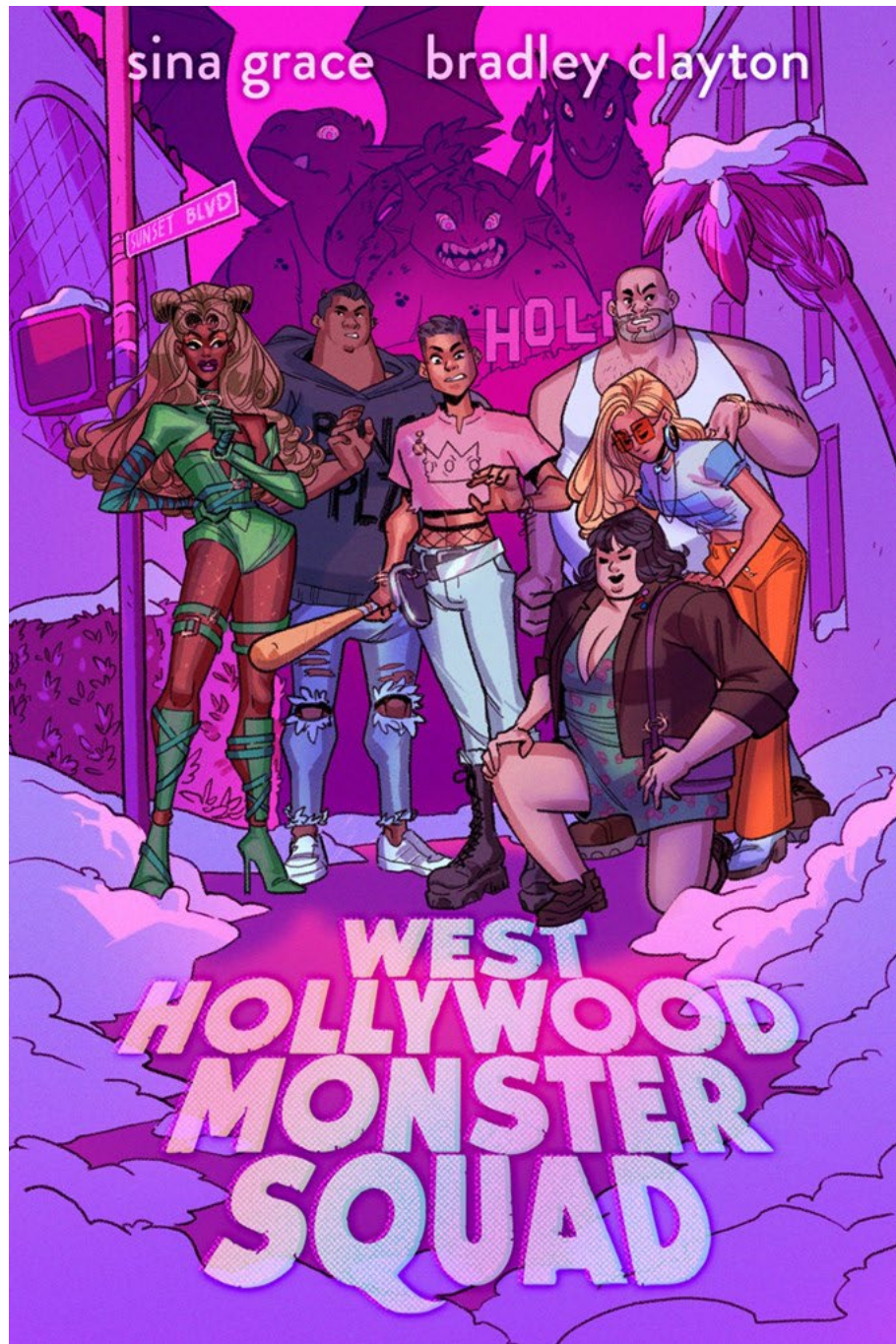
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sina grace    bradley clayton







# West Hollywood Monster Squad

## A Graphic Novel

Sina Grace

**GREAT TALENT:** Sina Grace is one of the best queer comics creators in the industry, with acclaimed runs on *Iceman* and *Superman*, for Marvel and DC respectively.

**AMAZING ART:** Bradley Clayton is a GLAAD Award-winning illustrator who has worked with Image, Dark Horse, and F(r)iction. His bright, commercial art will be a hit with YA readers.

**STRONG YA COMPS:** YA graphic novels with horror themes are on the rise with the success of books like *Squad*, *Paper Girls*, and *Something Is Killing the Children Vol. 1*.

**TWO FORMATS:** Available in hardcover (978-141976482-0) and paperback (978-14197-64837).

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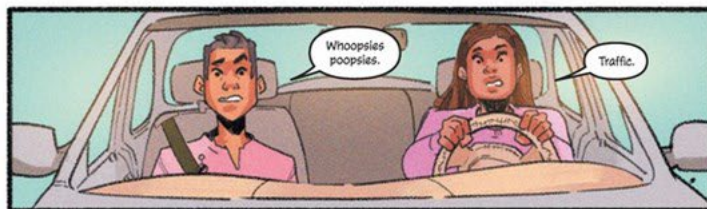
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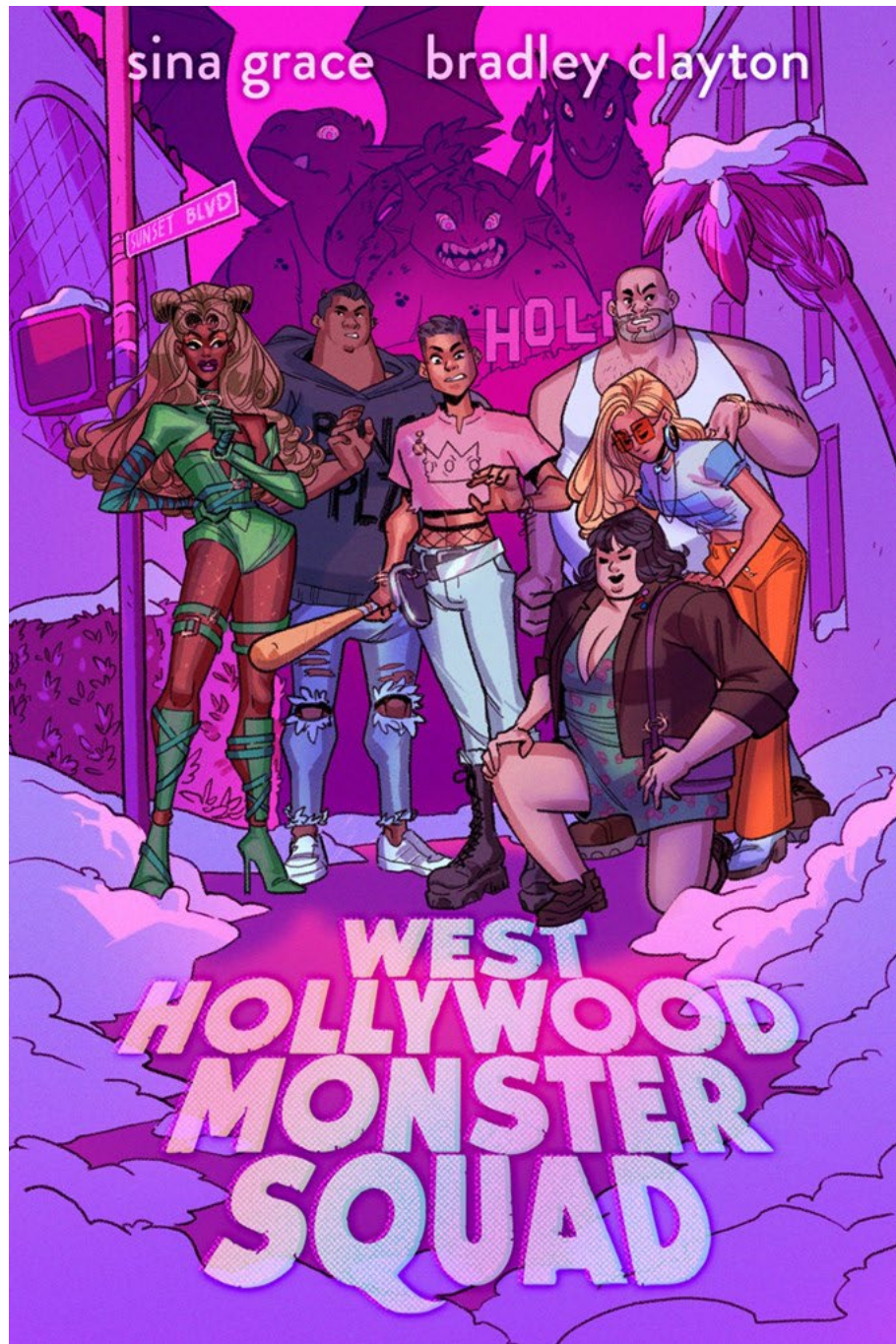












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