

Nonfiction for  
EYFS/KS1

Nikki Gamble

**J U S T I M A G I N E**

**Excellence in teaching reading,  
writing and oracy**

# HATS OF FAITH



Written by Medeia Cohan

Illustrated by Sarah Walsh



This is a Kippah, (Kí'pa)  
which many Jewish boys and men wear.



And this is a Head Wrap,  
which many African Christian and Muslim women wear.



This is a Chunni, (Choon-ee)  
which many Sikh women wear.



And this is a Topi, (Tou-pi)  
which many South Asian Muslim men wear.

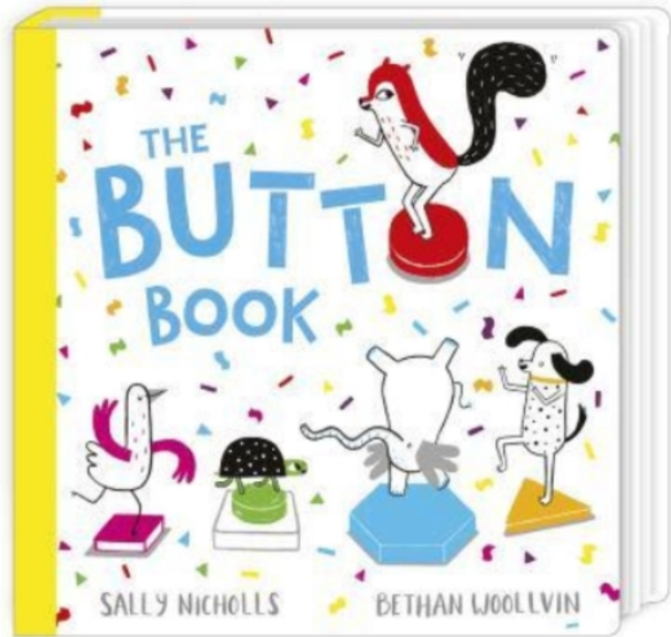


This is a Patka, (Putt-kah)  
which many Sikh boys wear.



And this is a Tichel, (Teak-el)  
which many married, Orthodox Jewish women wear.





# *little blue and little yellow*




*by Leo Lionni*

From  
Caldecott Honor  
Winner  
Leo Lionni







The 2018 Boston Globe–Horn Book Picture Book Award winner

# THEY SAY BLUE

CALDECOTT HONOR WINNER

JILLIAN TAMAKI

Which is true today!

They say the  
sea is blue, too.

It certainly looks  
like it from here.






But when I hold the  
water in my hands, it's  
as clear as glass.



I toss it up in  
the air to make  
diamonds.





They say spring means  
winter's over, but why  
does it still feel so cold?

Oh!  
Could purple mean  
something new?



# perfect square



Michael Hall



On Monday, the square



was cut into pieces



and poked full of holes,



so it made itself into a fountain.

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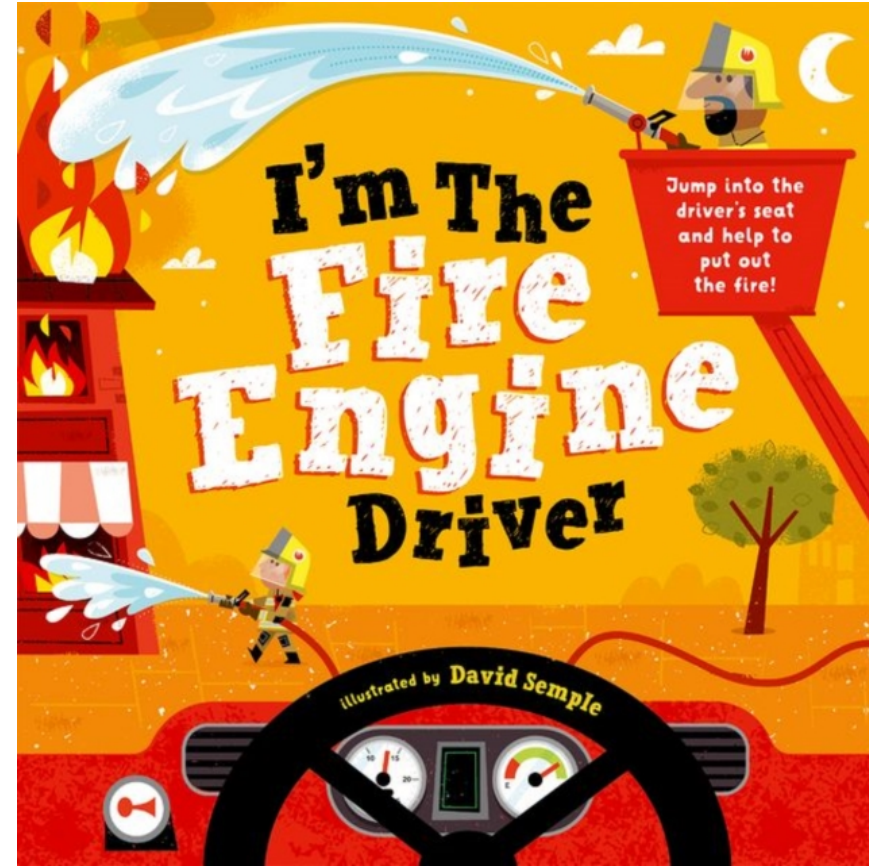


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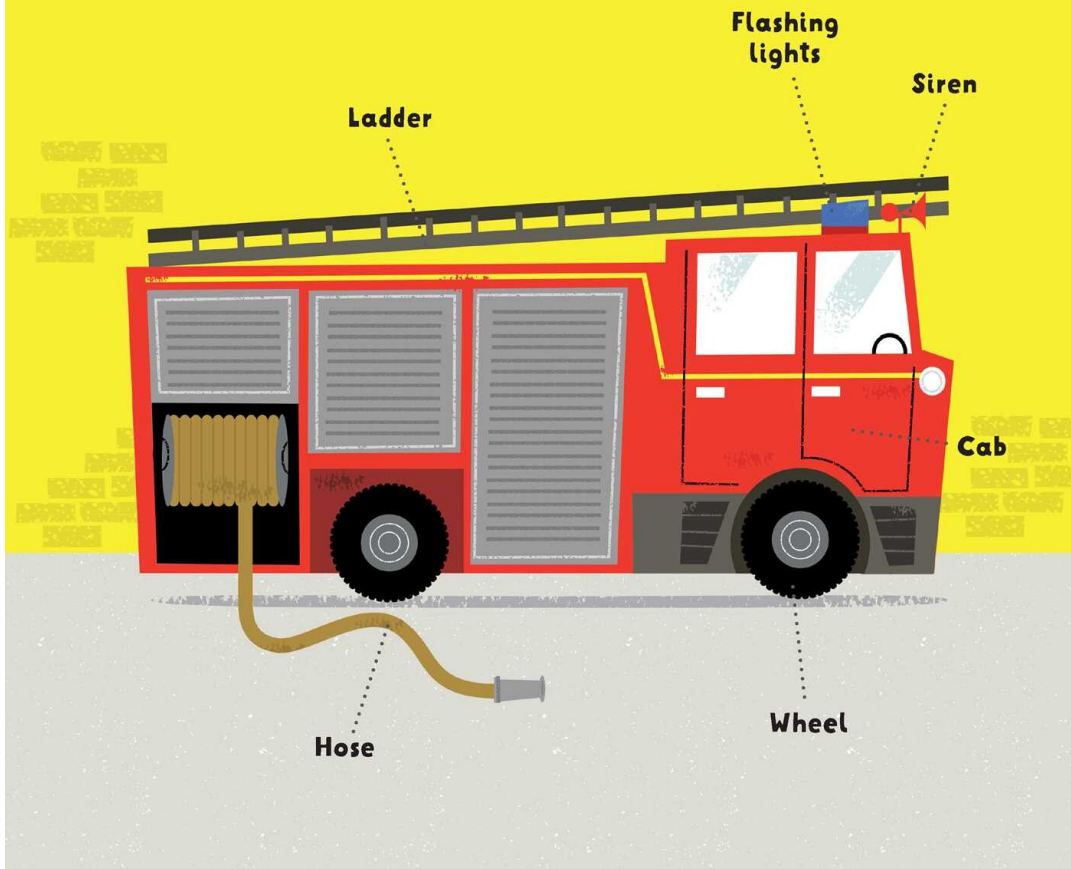
On Thursday,  
the square was shattered.







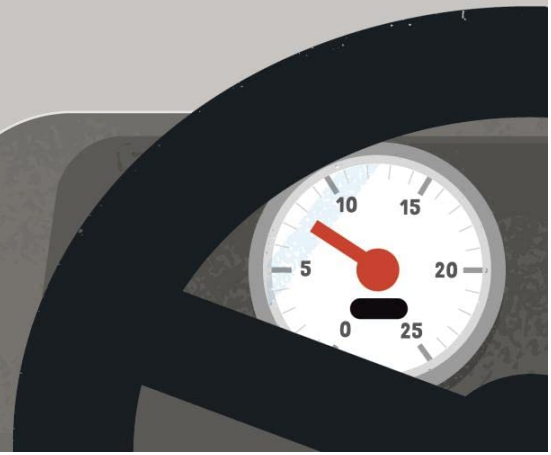
This is your fire engine!  
Can you name all the parts?



Your controls are at the back  
of the fire engine.

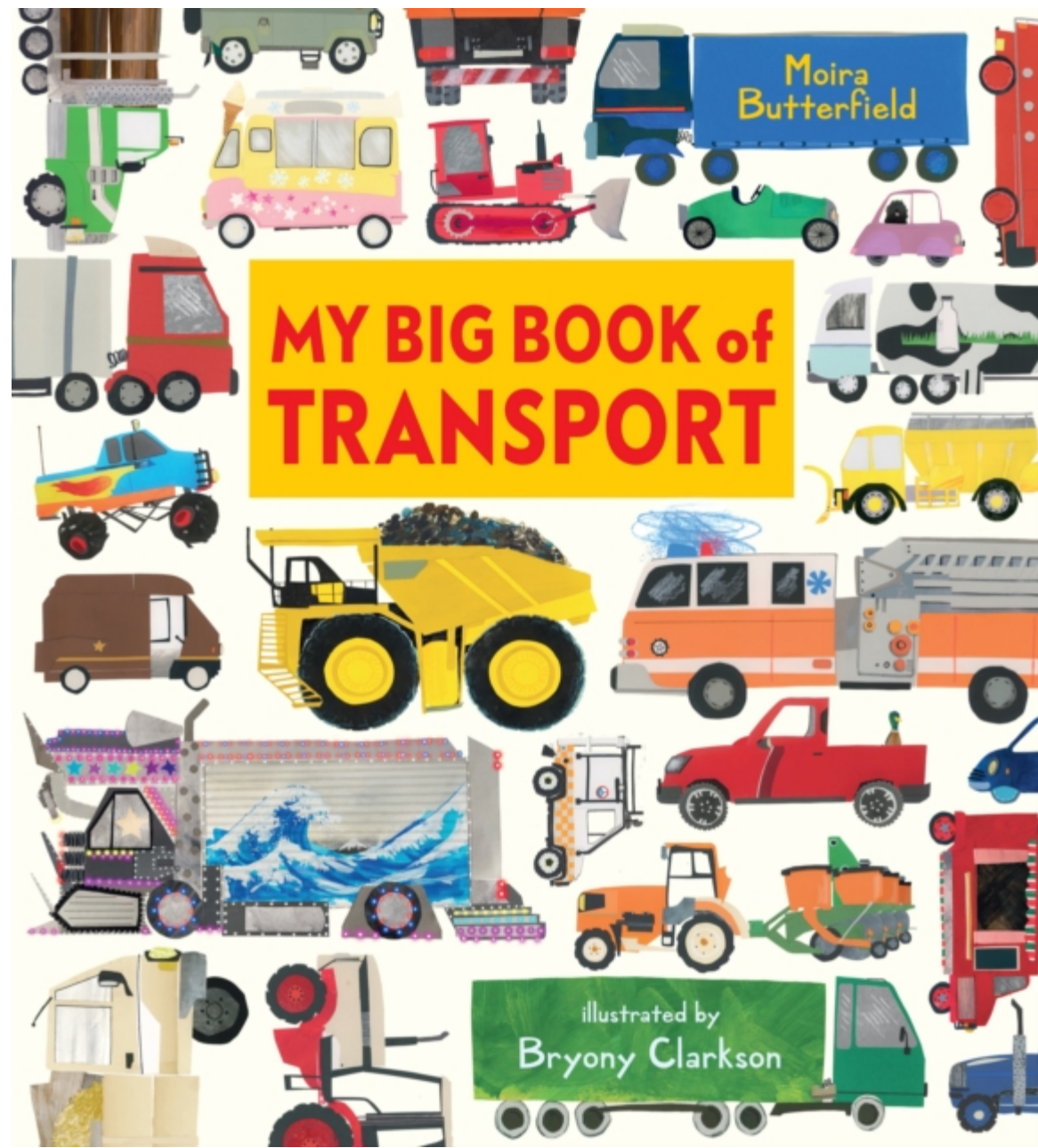


There's just one more stop to go.  
Which way to the school? Point left or right.  
Where would the other way take you?



Push your orange indicator to signal the way to school.  
Then turn the wheel to steer the bus.

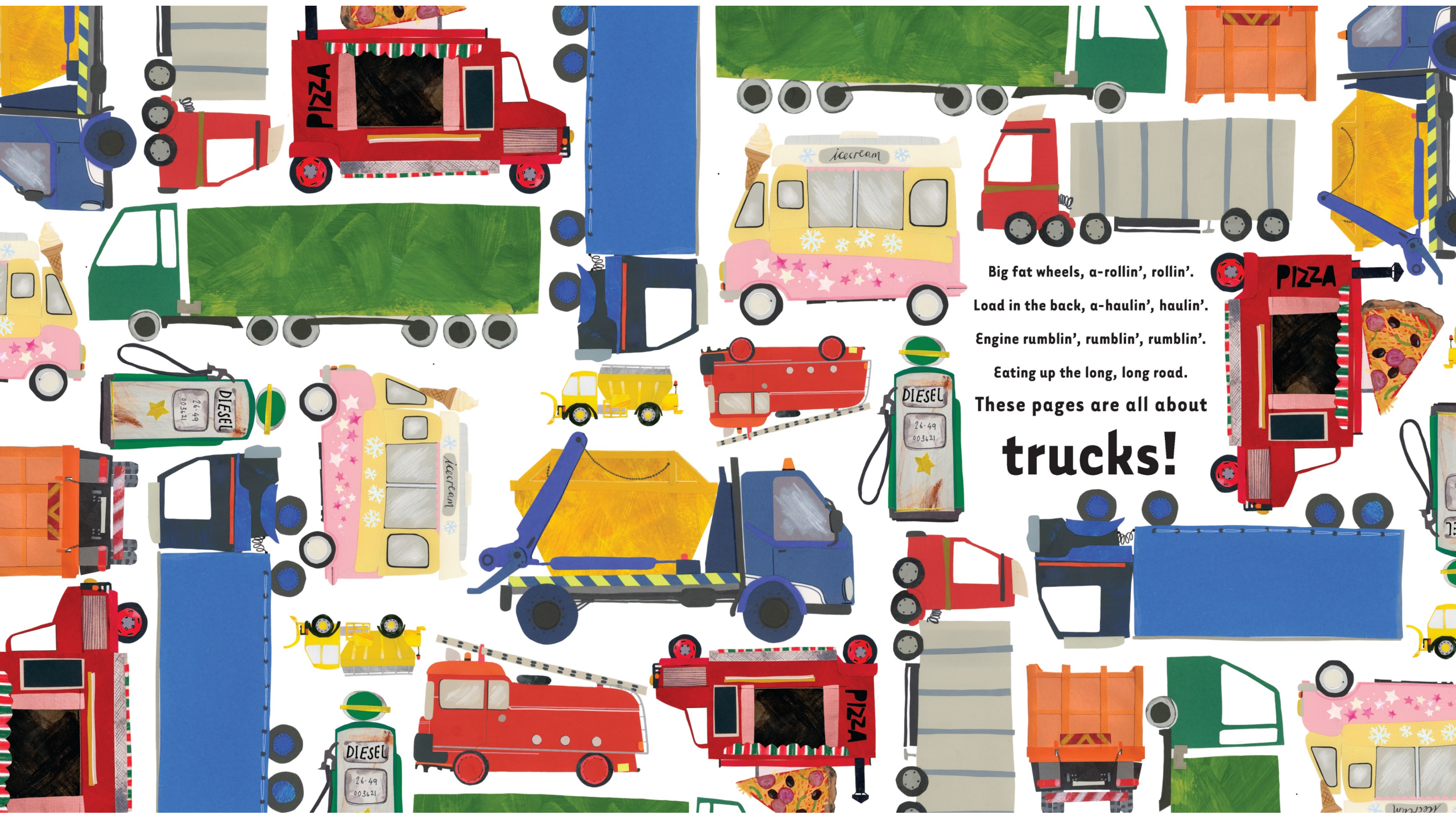




# MY BIG BOOK of TRANSPORT

illustrated by  
Bryony Clarkson





Big fat wheels, a-rolin', rollin'.

Load in the back, a-haulin', haulin'.

Engine rumblin', rumblin', rumblin'.

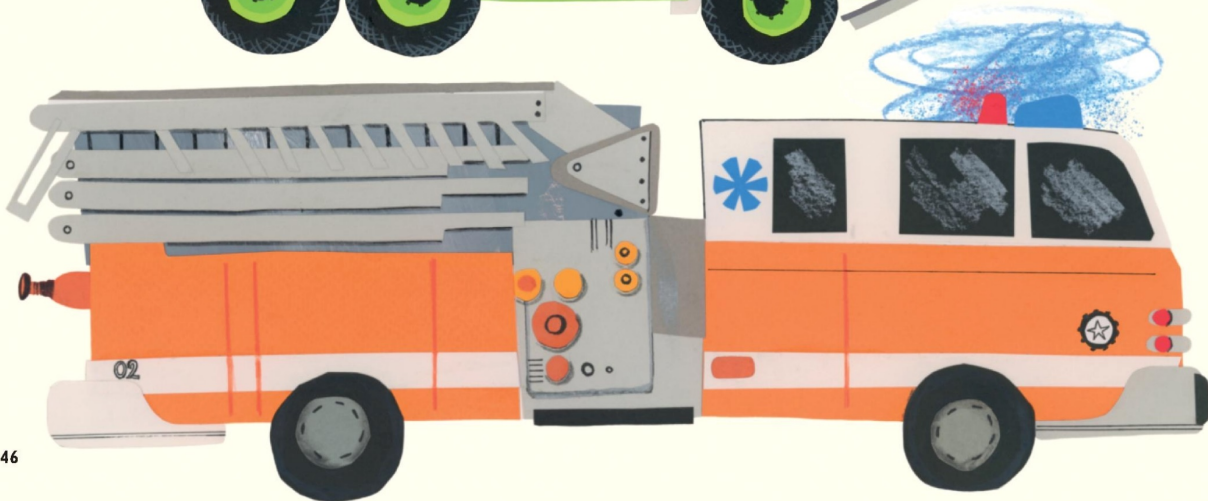
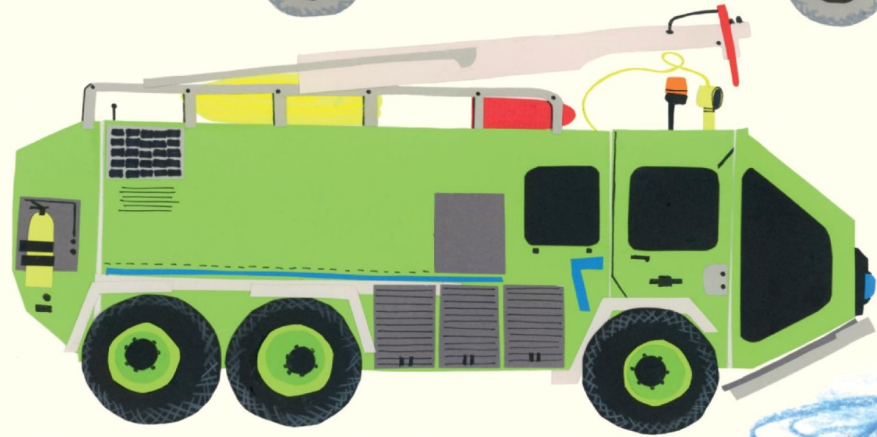
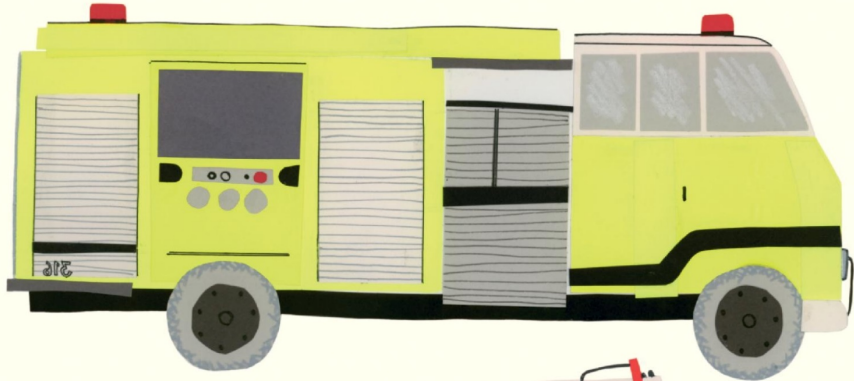
Eating up the long, long road.

These pages are all about

# trucks!



# AROUND THE WORLD



# IN FIRE TRUCKS



They can be red, yellow or pink,  
blue, green, orange or white.

They make different noises, too, like:  
*whooooooooo whooooooooo,*  
or: *nee naw nee naw.*

But they are ALL shiny, with flashing lights.

And they ALL carry ladders and pumps and tools –  
and brave firefighters ready for action.

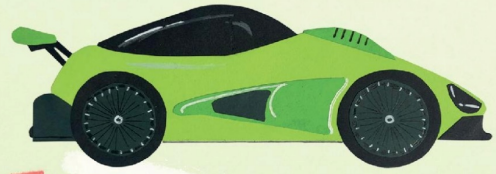




# SPEEDY SUPERSTARS

**Zooooooooom!**

The world's fastest racing cars take part in Formula One races.



**Zooooooooom!**

Mechanics can replace the wheels in about two seconds – roughly as long as it takes to blink your eyes five times.



**Zooooooooom!**

A cheetah is the fastest animal runner, but a Formula One car can go three times as fast.

It only takes a few seconds for a super-speedy Formula One car to brake and **stop**.



HELLO! SALAMA! HALLÅ! BONJOUR! NĪ HǎO! HEI!

JR · INSIDE OUT PROJECT

# HOW OLD AM I?



1 —————> 100



FACES  
FROM  
AROUND  
THE  
WORLD

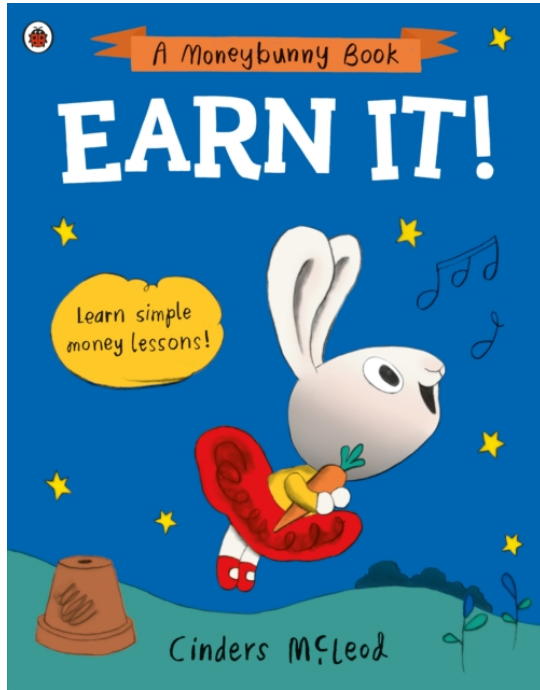
SABAH ALKHYR! ZDRAVO! PĒRSHĒNDETJE! AKKAM!

SALAMI DOBRI DIENI JAMBOI CIAOI HALLŌ! SVEIKII!

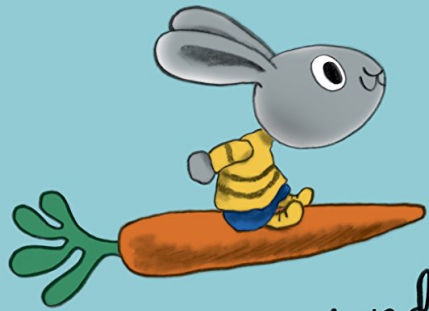
phaidon

AS-SALAM ALAYKOM! HAILO! ¡HOLA!

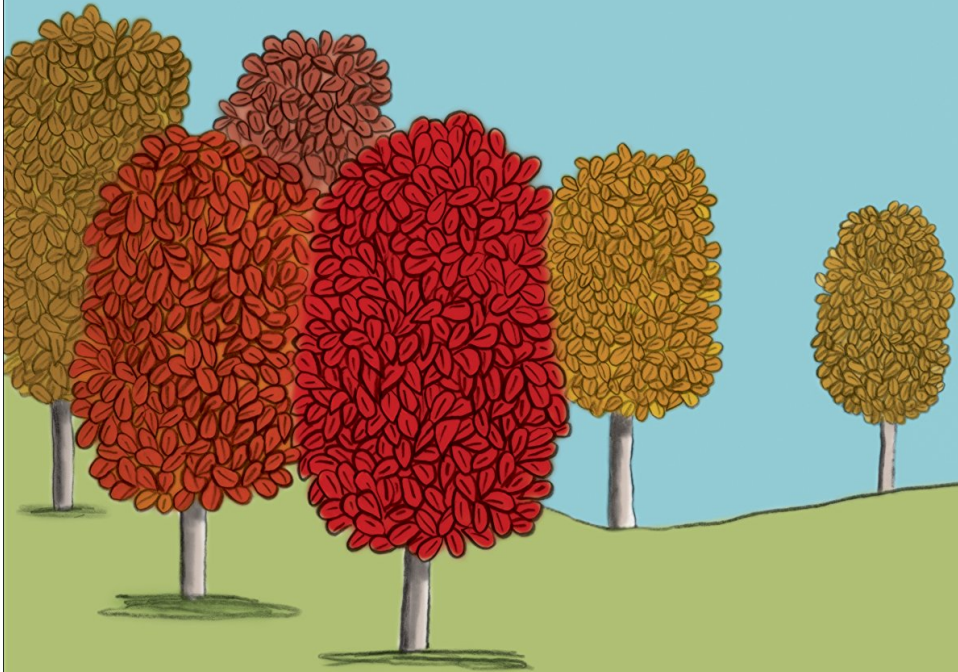








Carrots are money in Bunnyland.

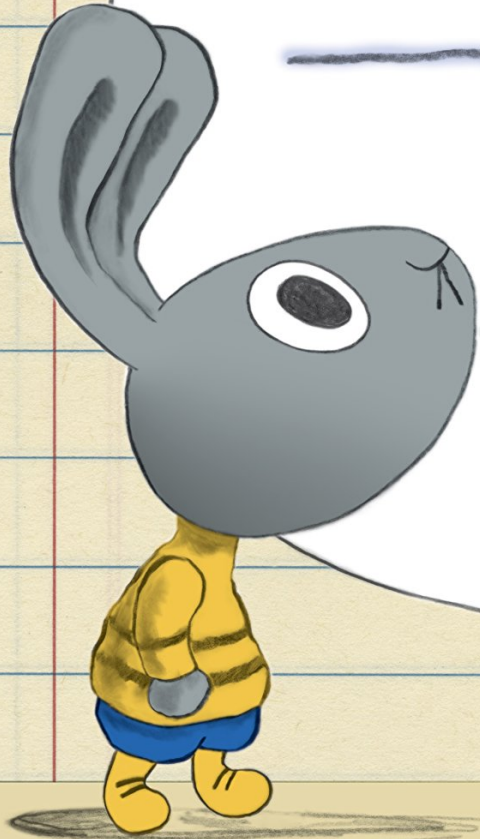


Every Saturday,  
Sonny gets 3 carrots  
for his allowance.



Sonny **LOVES** Saturdays.





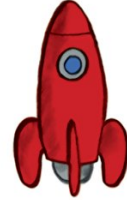
Allowance

Want

1



=



1

1



=



1

1



=



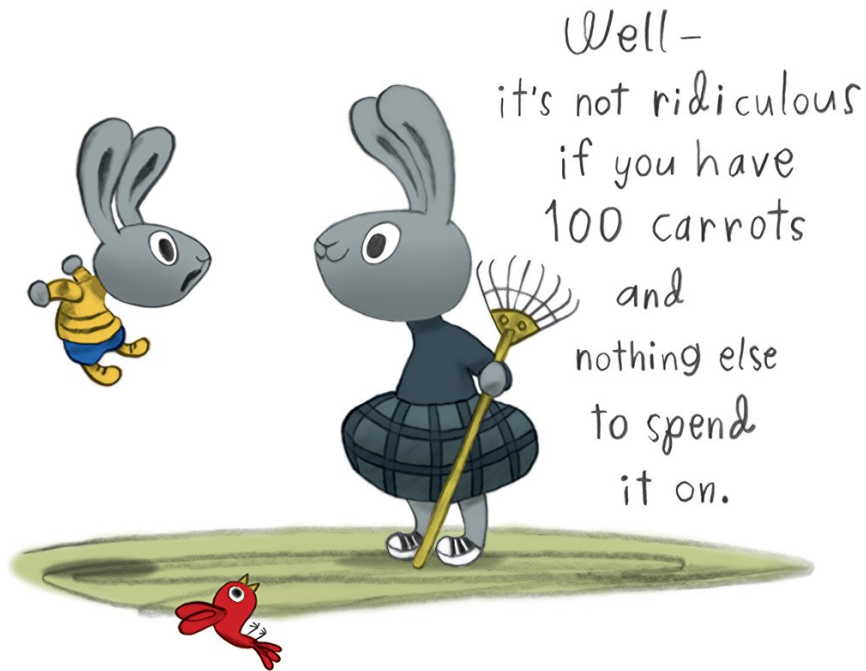
1

I have 3 carrots. I want 3 things.

So why do I have to choose?



That's **RIDICULOUS!**



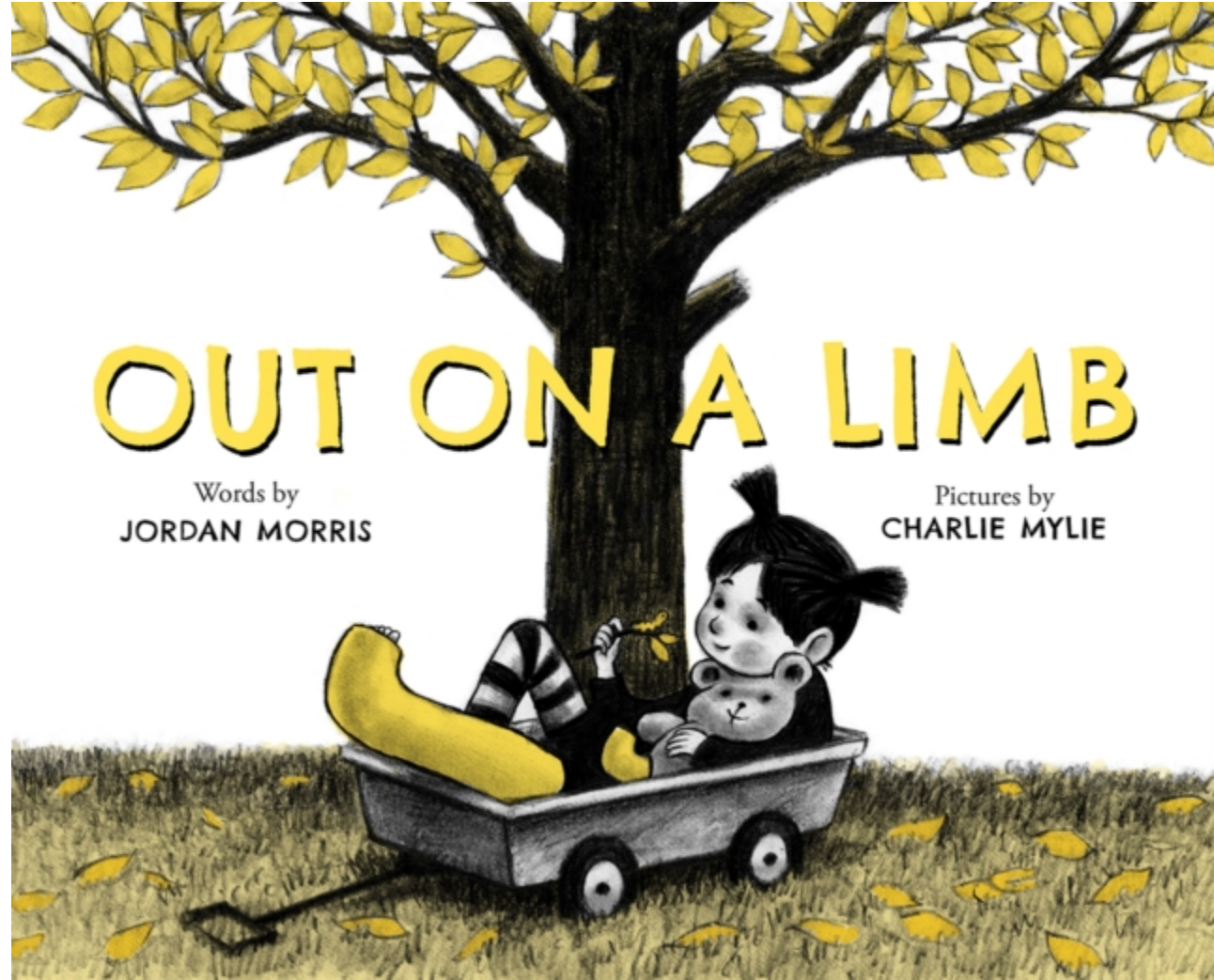
**STILL** ridiculous!  
Forget the bouncy castle.



Yeah. Forget the toy. Hmmm,  
what **CAN** I buy  
with my 3 carrots?







# OUT ON A LIMB

Words by  
JORDAN MORRIS

Pictures by  
CHARLIE MYLIE

# One Fox

A COUNTING BOOK THRILLER



Kate  
Read

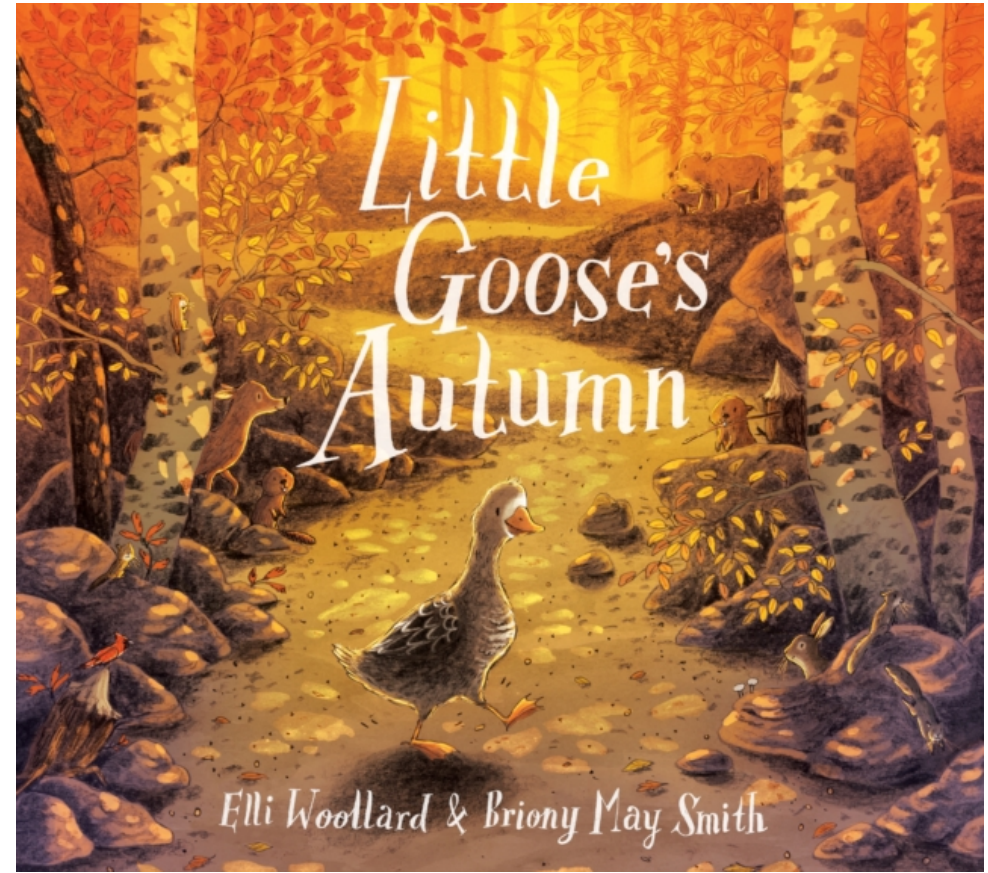
# One Sun and Countless Stars

A Muslim Book of Numbers



by Hena Khan  
illustrated by  
Mehrdokht Amini





*"A joyous ode to inclusion, realised in the most delightful, uplifting way."*

CERRIE BURNELL



Alexandra Strick • Steve Antony



You can...



explore new worlds,

make amazing discoveries,

do things together,

or alone.

# Puppy Talk

How dogs tell us how they feel



Dr. Jess French

Penelope Dullaghan

**nosy  
crow**

# Cat Chat

How cats tell us how they feel



Dr. Jess French

Penelope Dullaghan

**nosy  
crow**



Take me on a walk dog



Don't want to talk dog



Squeezing  
too tight  
dog



That's just right dog



Time to play cat



Go away cat



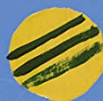
# Golden rules for meeting cats and kittens:



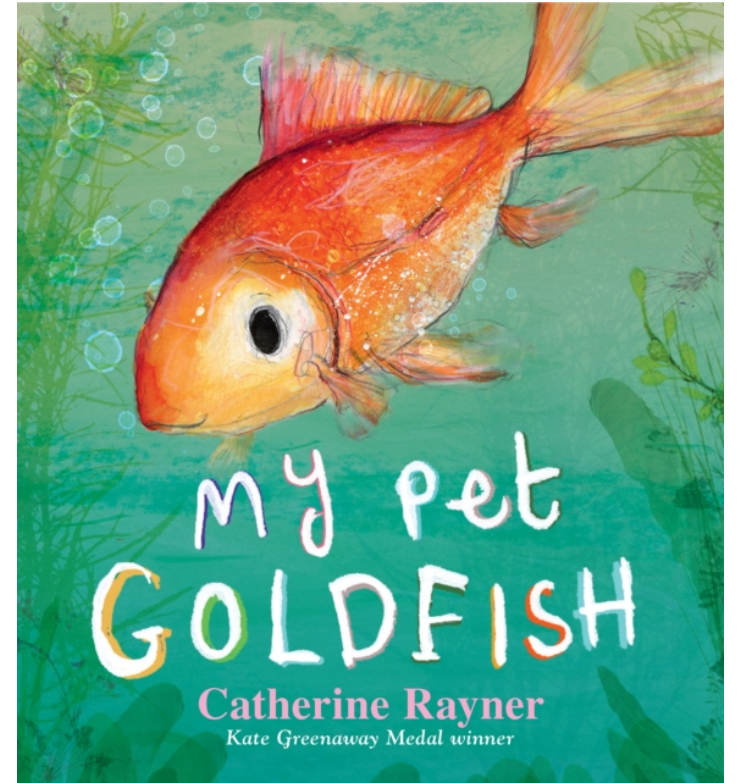
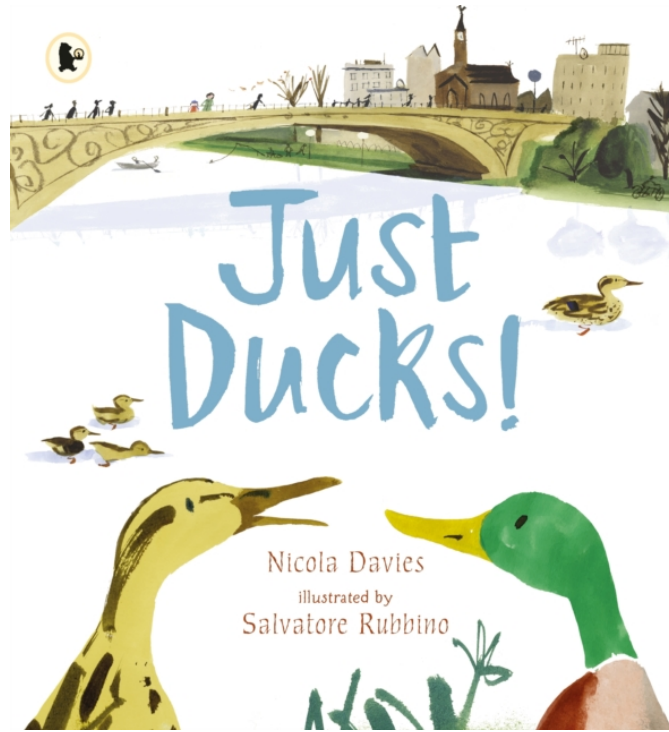
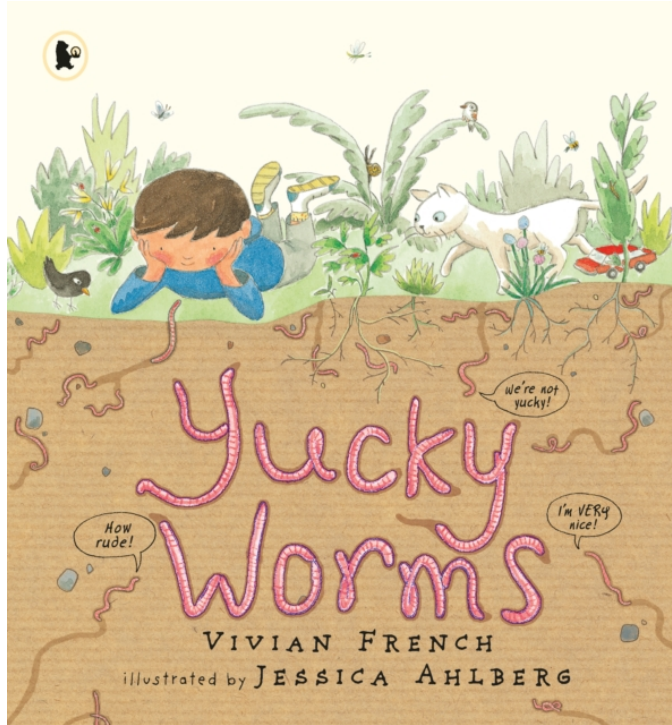
1. Always treat cats kindly. Wait for a cat to come to you to say hello, and don't chase them.
2. Touch cats gently with a soft, open hand. Don't touch a cat's tummy, tail and paws, and never pull a cat's tail or whiskers.
3. If a cat is eating, sleeping, cleaning itself, hiding, using a litter tray or has flattened ears or is growling, leave them alone until they're ready to come and play with you.

4. Sudden movements and loud noises can frighten cats. So remember not to run towards them or shout at them.
5. If cats are feeling scared, they can hurt you with their claws and teeth. Give them space to run away, so they can hide until they feel more confident.

Remember these golden rules whenever you meet a new cat or kitten, and the two of you will soon be the best of friends!

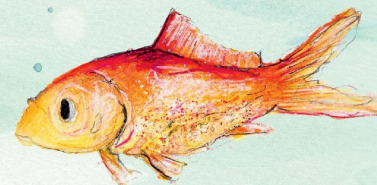








WHEN I was four, I got my first ever pet: a fish  
no bigger than my hand, with red and orange scales.



**My very own goldfish!**

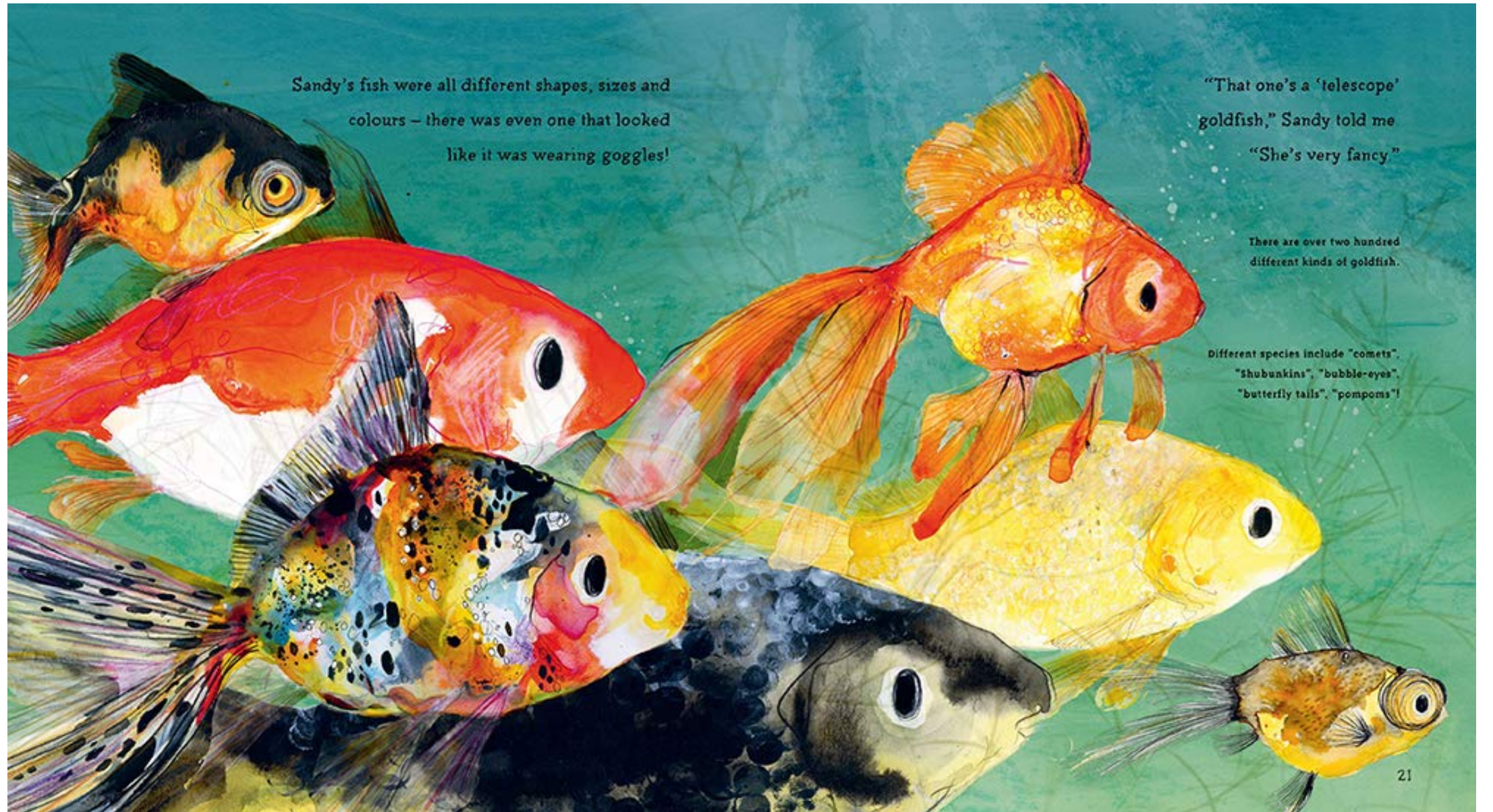
He didn't have a name yet,  
so I got to choose one –  
and I called him "Richard".



I go and see him all the time. I sit by the edge of the pond and he swims up, doing the same happy little dance and wiggling his tail ... as if to say "Remember me?"







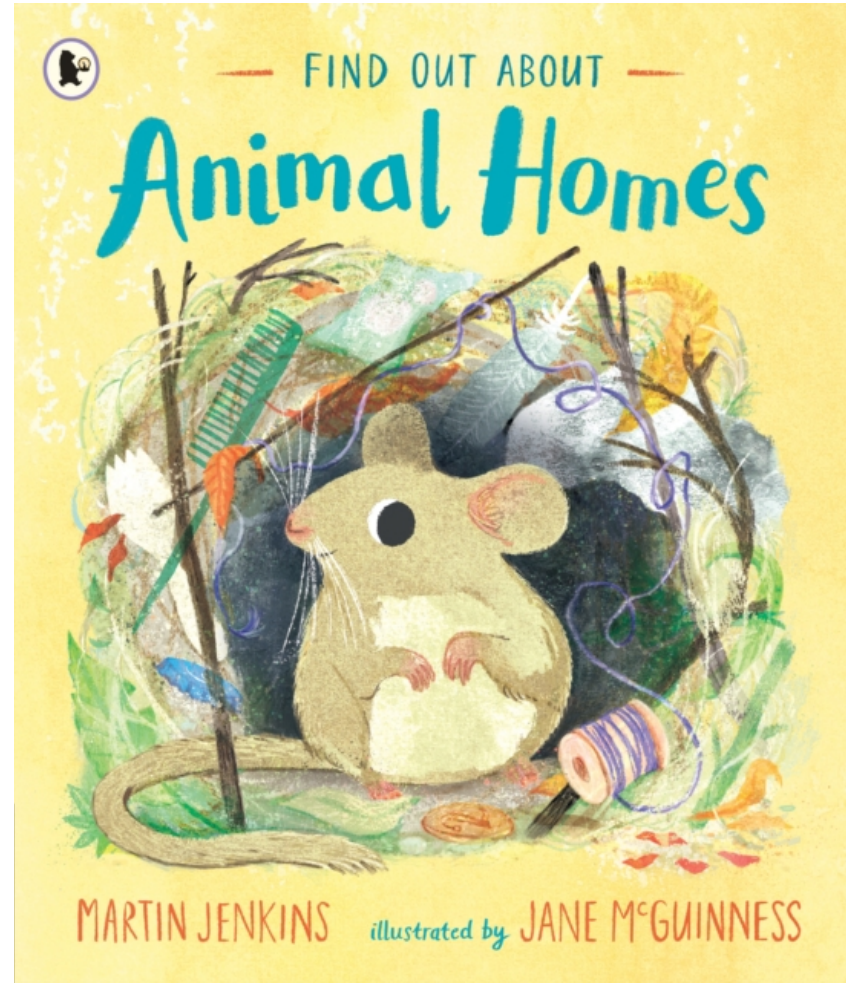
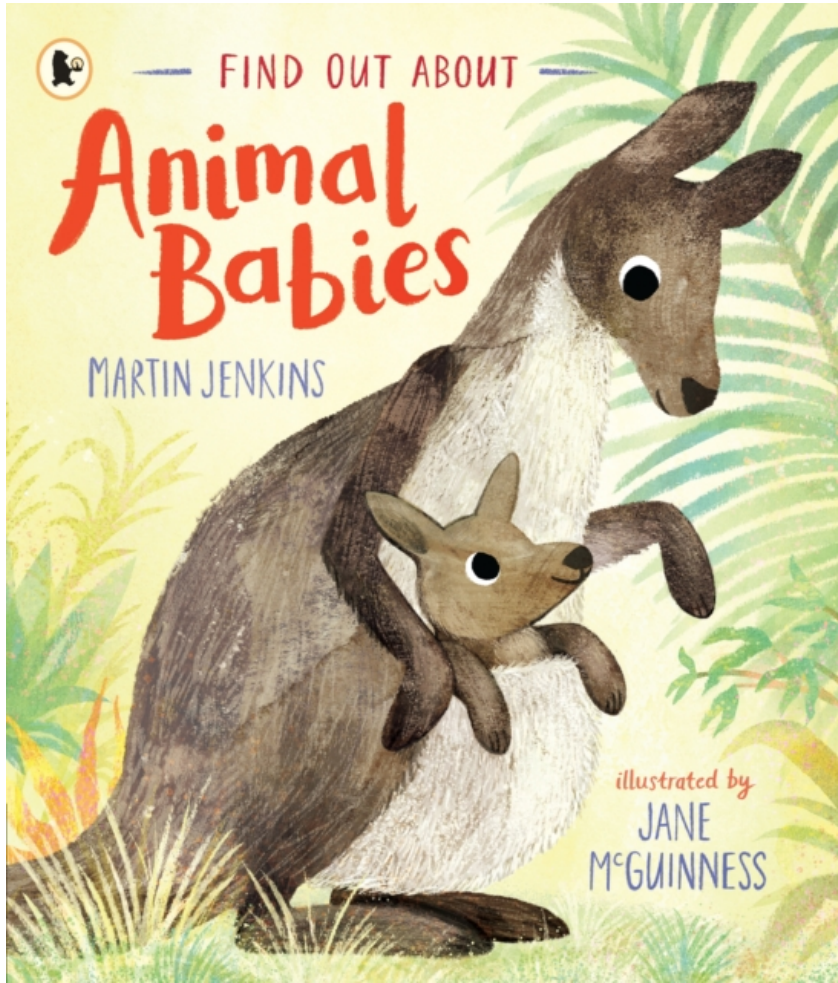
Sandy's fish were all different shapes, sizes and colours – there was even one that looked like it was wearing goggles!

“That one’s a ‘telescope’ goldfish,” Sandy told me  
“She’s very fancy.”

There are over two hundred different kinds of goldfish.

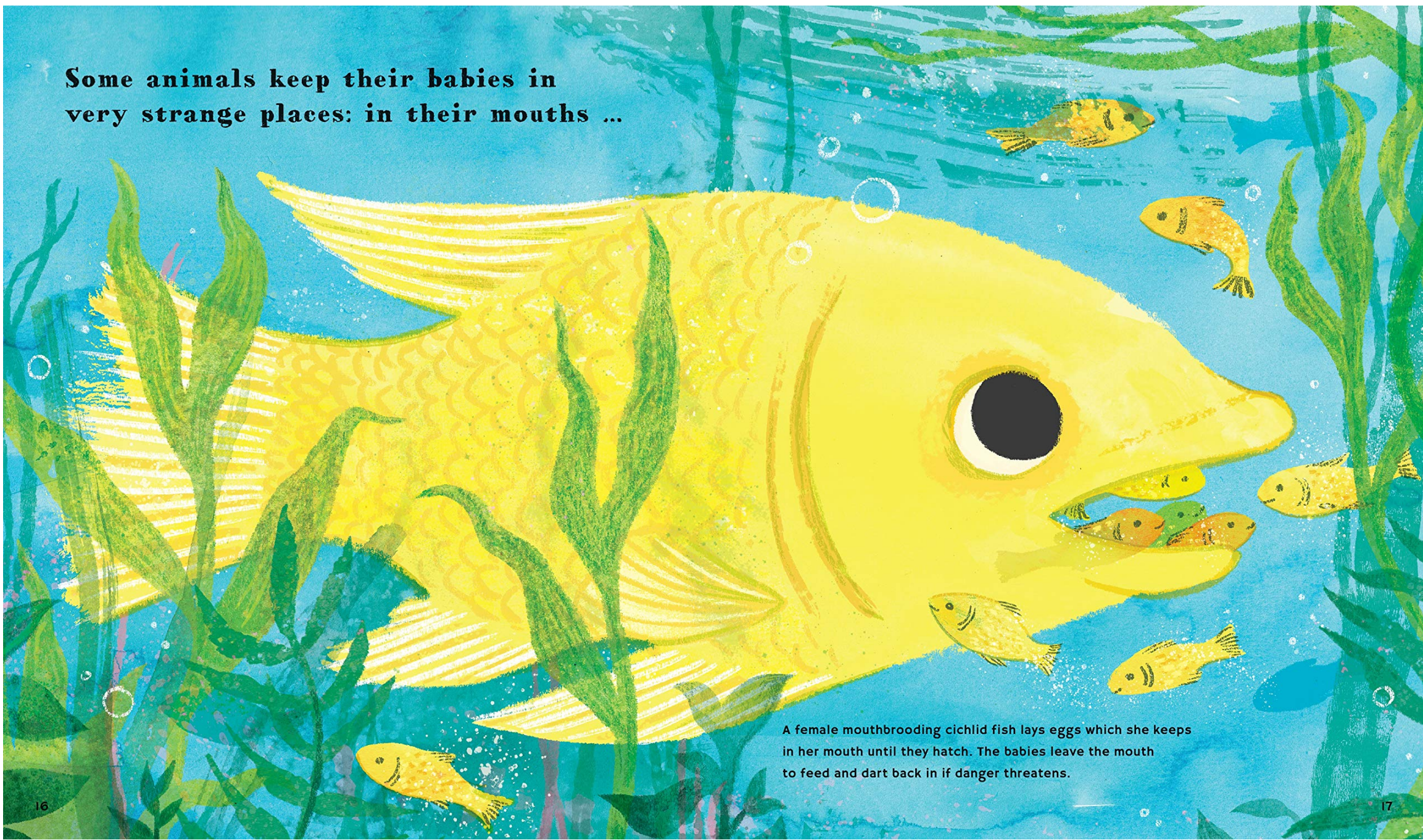
Different species include “comets”, “shubunkins”, “bubble-eyes”, “butterfly tails”, “pompoms”!







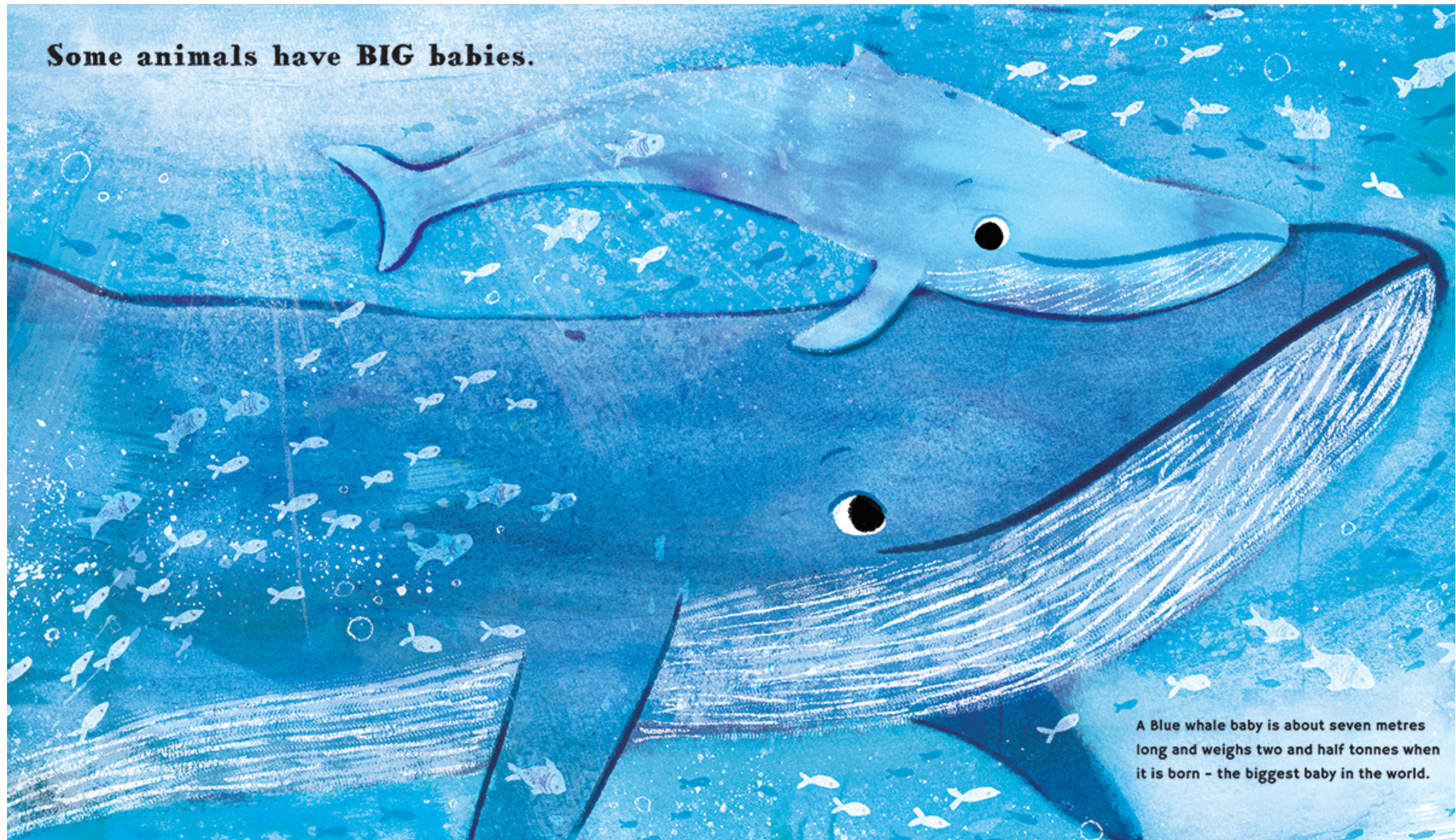
**Some animals keep their babies in very strange places: in their mouths ...**



A female mouthbrooding cichlid fish lays eggs which she keeps in her mouth until they hatch. The babies leave the mouth to feed and dart back in if danger threatens.

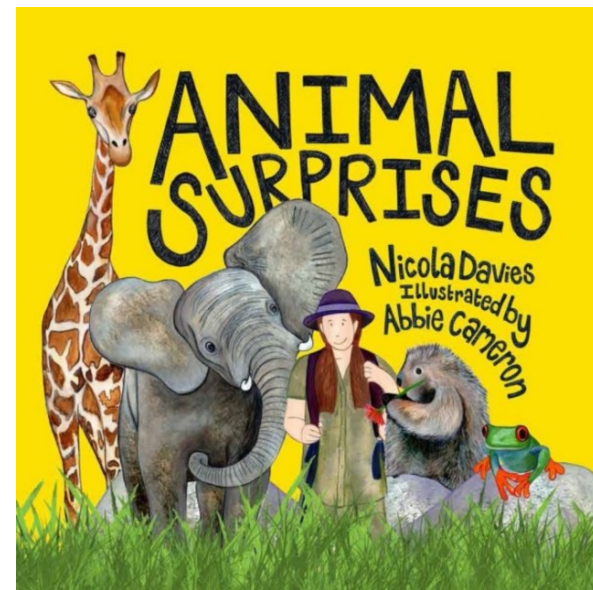
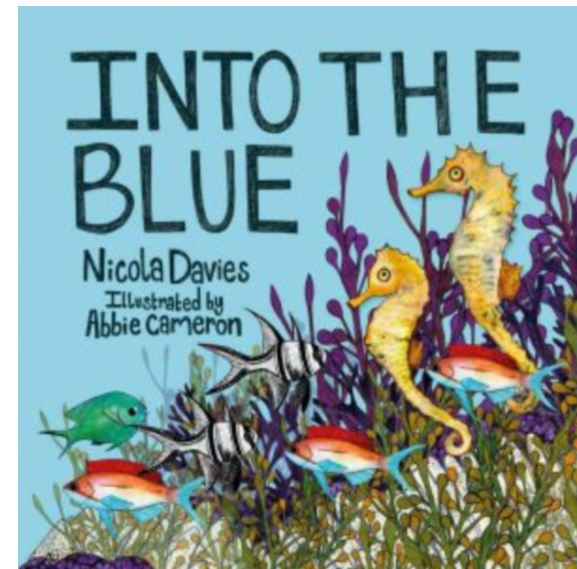
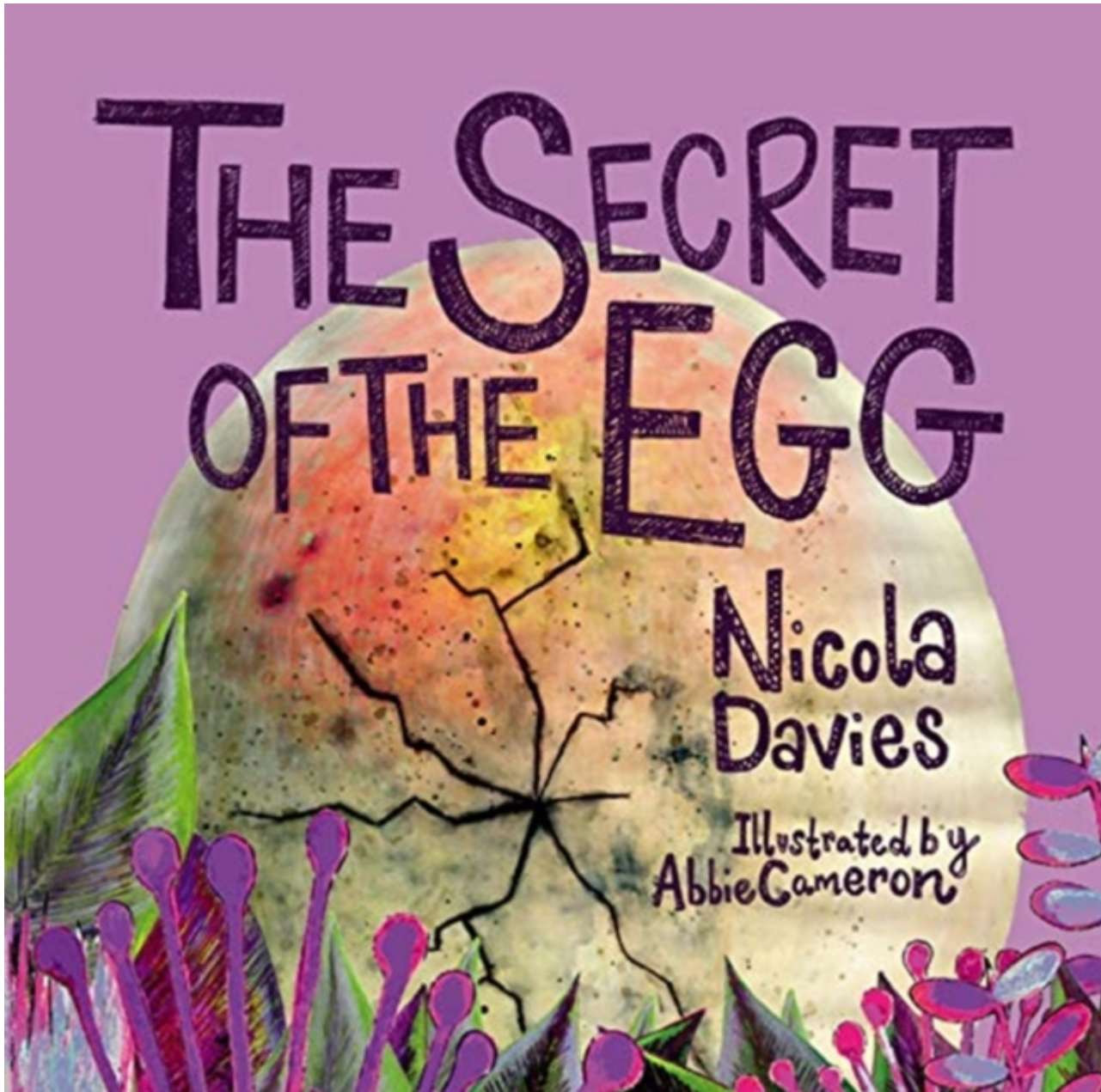


**Some animals have BIG babies.**



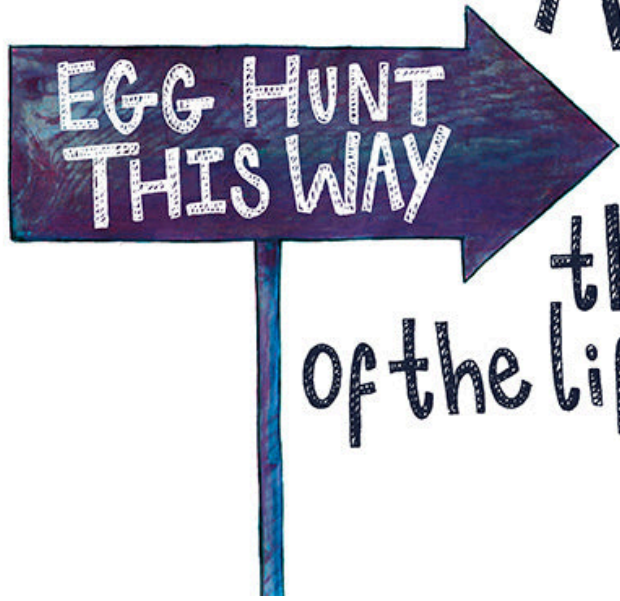
**A Blue whale baby is about seven metres long and weighs two and half tonnes when it is born - the biggest baby in the world.**







An egg is how so many  
Stories on our Earth  
begin.



And each  
one  
hides  
the Secret  
of the life it holds  
within.

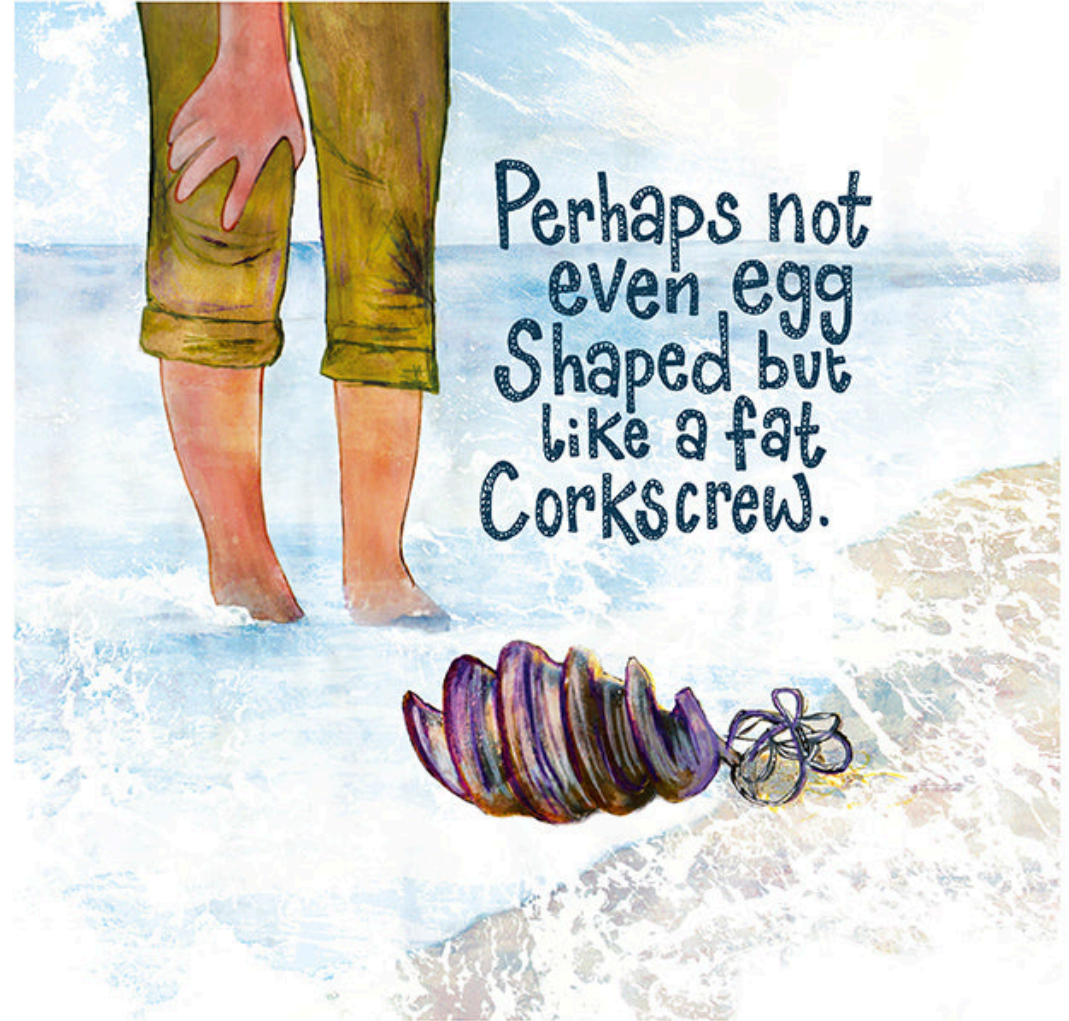




It might be plain or Speckled,  
red or White or blue,



Perhaps not  
even egg  
Shaped but  
like a fat  
Corkscrew.





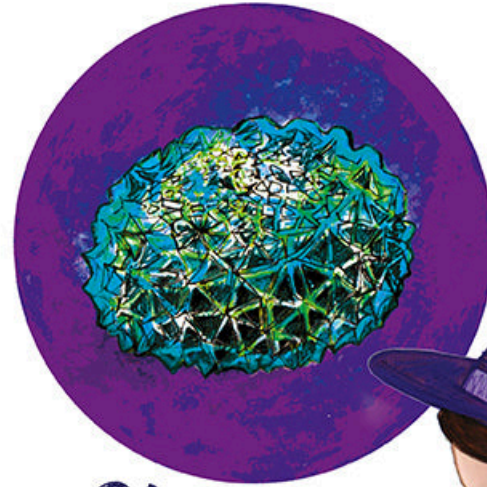


It Could be like  
a button,

Or  
Purse



Or  
melon  
pip,



Or even  
like a  
teenytiny

alien  
Space  
Ship!



Deborah Chancellor 🌿 Julia Groves

# Milly Cow

gives milk



Deborah Chancellor 🌿 Julia Groves

# Polly Bee

makes honey





Polly and her sisters work hard for their queen bee.

They collect pollen and nectar from flowers.



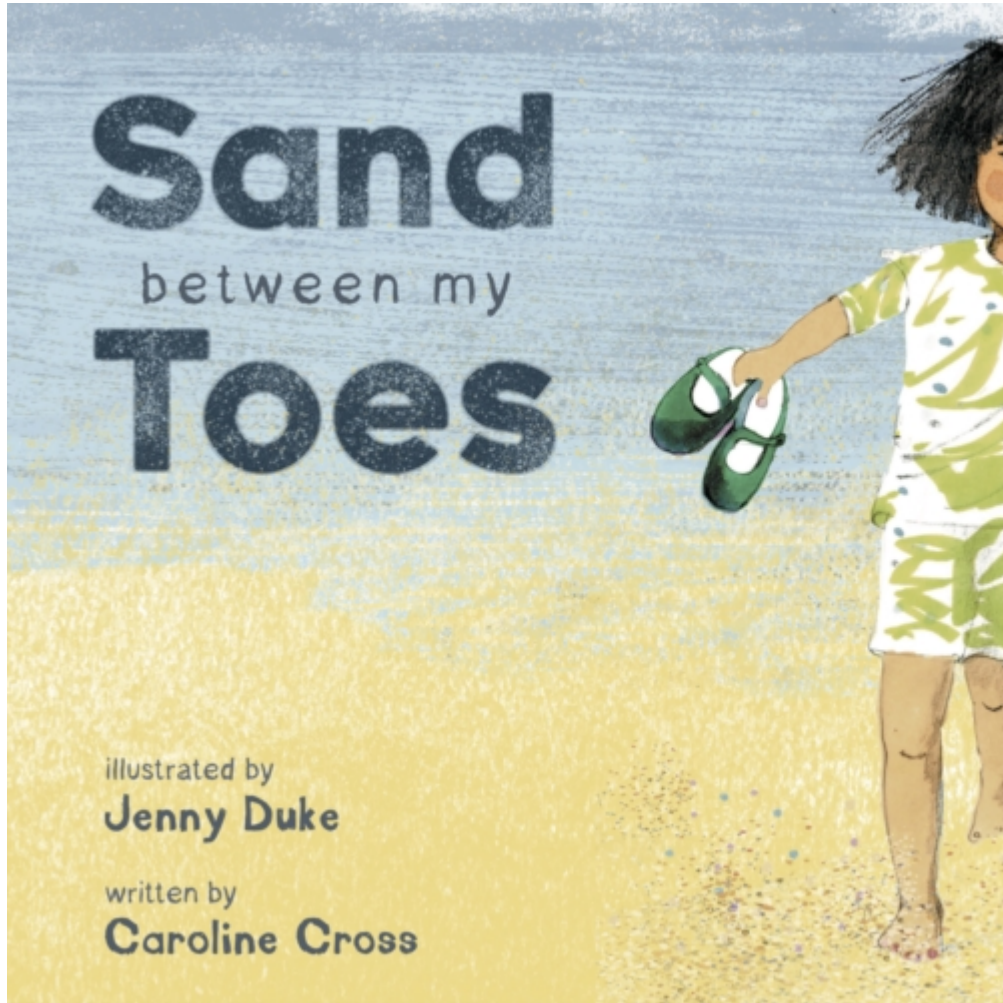
There's only one queen in Polly's beehive  
and she lays eggs all day long. . .





Polly's brothers are drone bees.  
They're all besotted with their queen.







antoINETTE portis

# Hey, Water!



**NOT  
A  
BOX**

BY ANTOINETTE PORTIS

NET WT. 148g



**NOT  
A  
STICK**

BY ANTOINETTE PORTIS

Thanks to the United States Geological Survey for their help.

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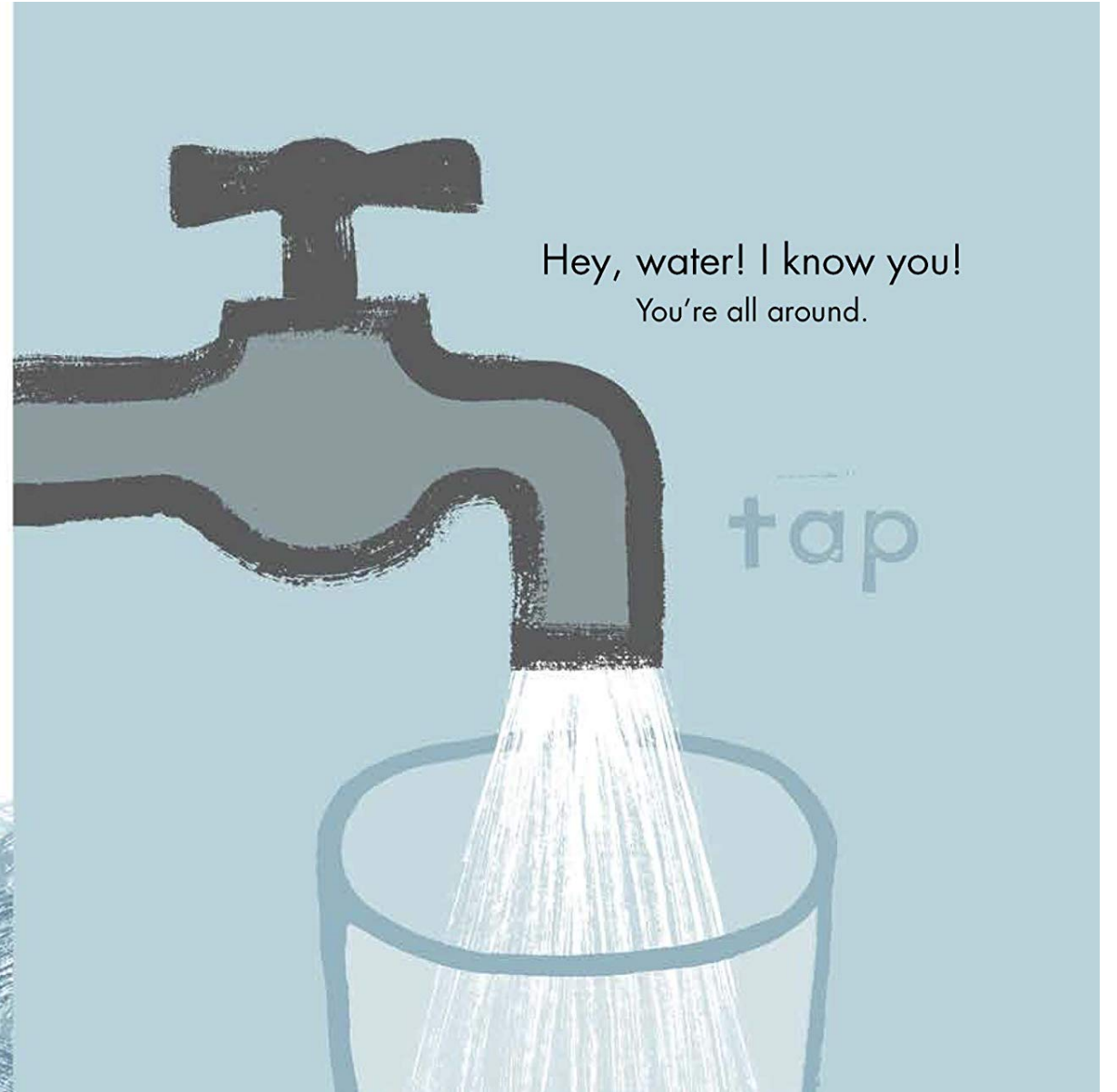
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sprinkler



You spray up

and down.

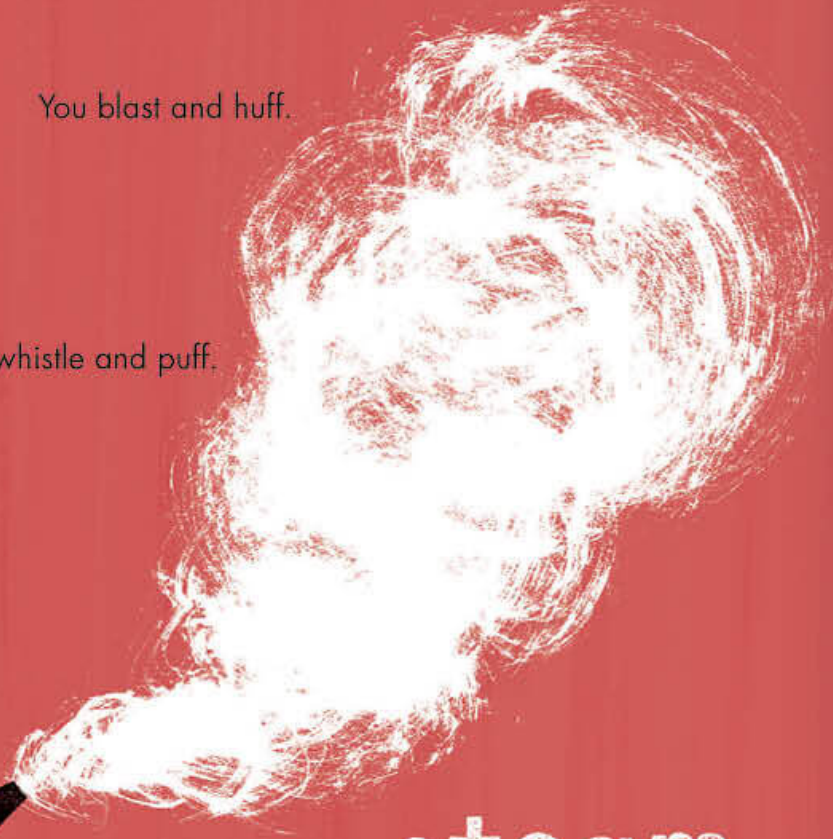
shower



Water, even when you try to fool me, I know you.

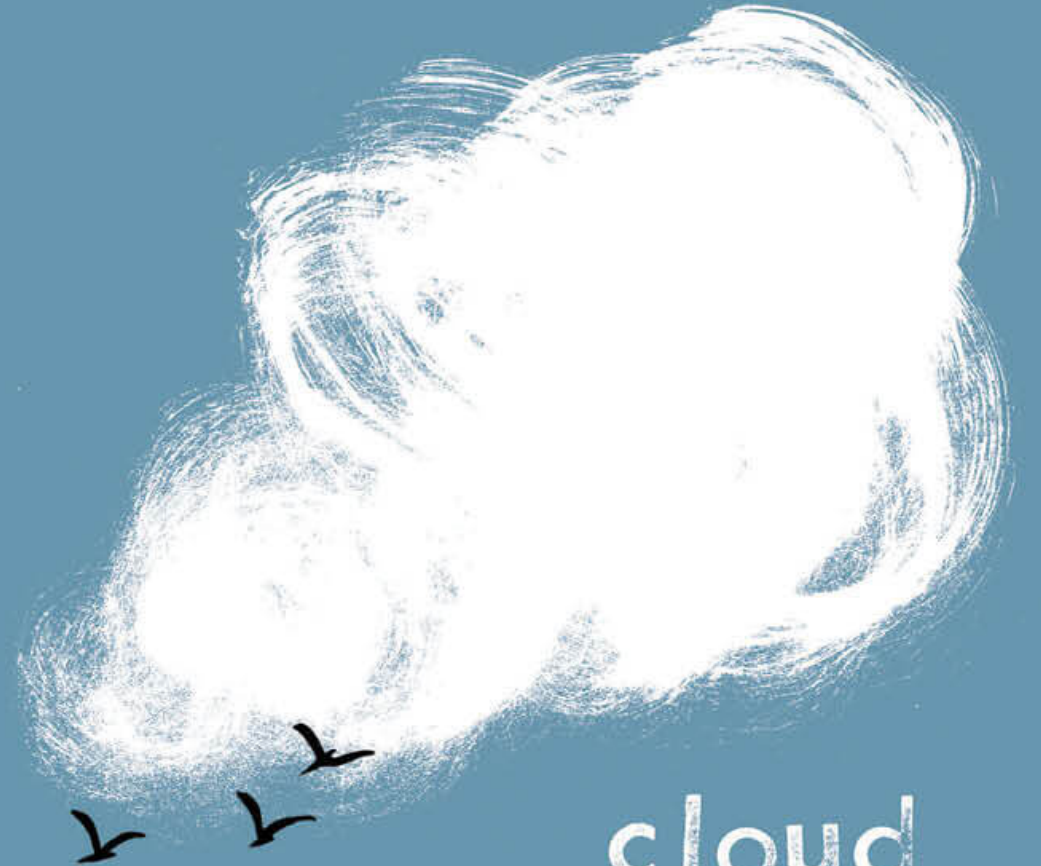
You blast and huff.

You whistle and puff.



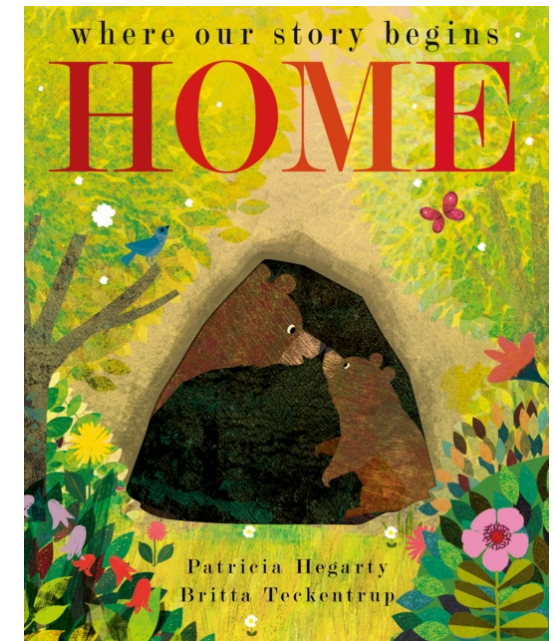
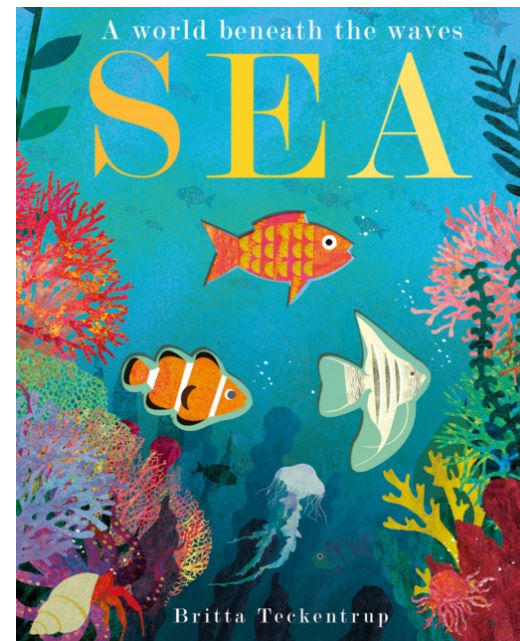
steam

You hide in the air and drift.



cloud







Flowers as far as the eye can see –  
Too many flowers for just one bee.

All of a sudden, Bee is gone –  
She has a message to pass on.







As lilies glow orange in the sun,  
The bees must finish what they've begun.

Stopping at every flower they find,  
Leaving the gift of pollen behind.








Leap to where the Arctic hare lives,  
a mittened fist on snowy slopes.

Where is the Arctic hare? There!  
Peeping from a fur-warm hole.  
Could our Hare, our fire-eyed  
moon-jumper, be safe with him?





But finding food here is hard  
and Shark's getting hungry  
so he opens a tunnel  
of bubbles and light and  
swim, Shark, SWIM!

From the South to the North Atlantic,  
Shark slips through a handshake  
of continents to where the Whitetip shark  
farms for food day and night  
with pilot fish and remora by her side.





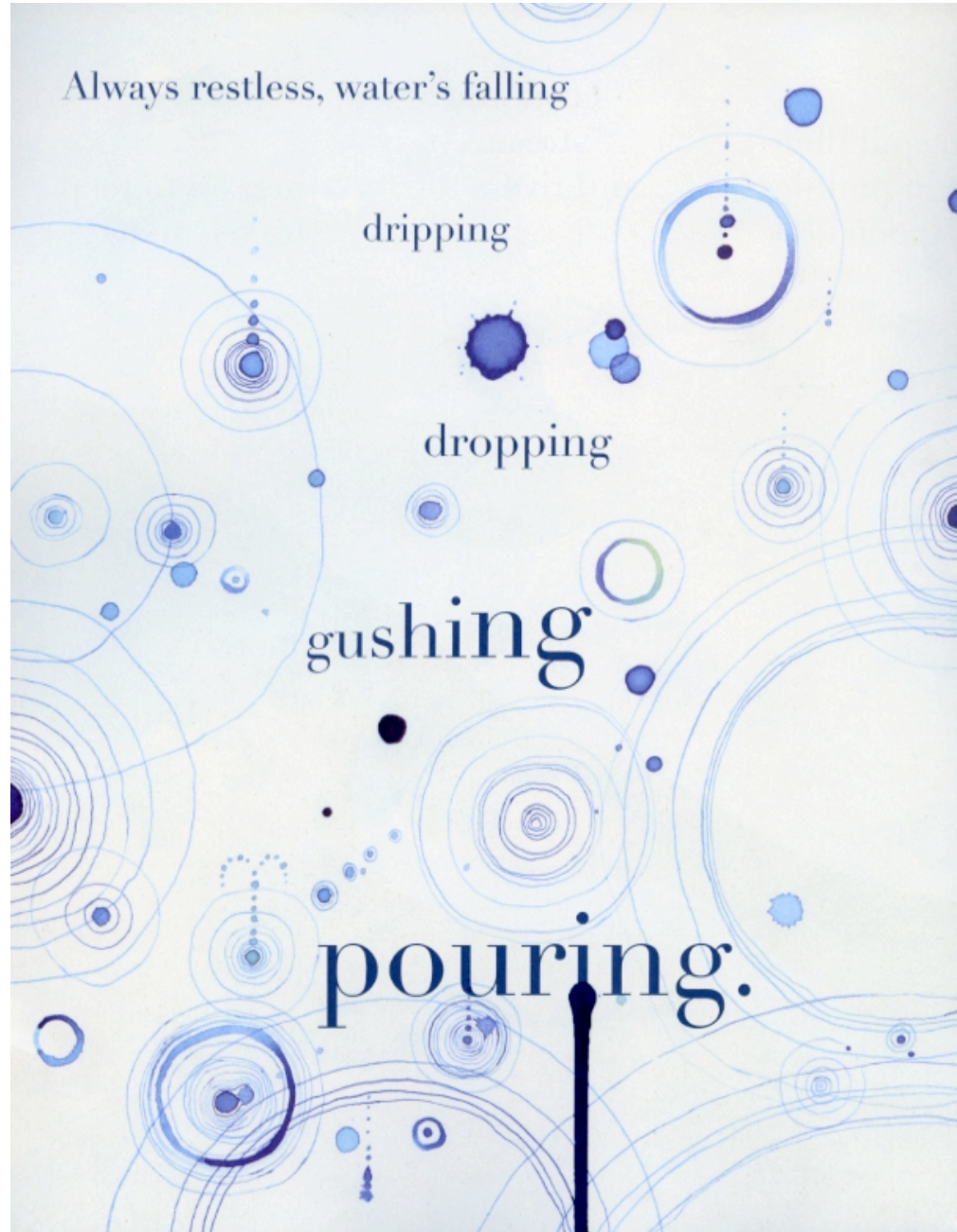
Always restless, water's falling

dripping

dropping

gushing

pouring.







A mighty

**BOOM**

that scientists call

**THE**

**BIG**

huge

**KERRANG**

**BANG!**

So then what?





One hundred billion, maybe more,  
lights like lanterns on a shore.

**GIANTS**

they are

and from so far

they just seem small.

We call them

**STARS.**



**WHAT** do all those **SCIENTISTS** do?  
They try to see the world anew.



From out in space, beneath the seas  
in deserts or laboratories.



They try things out, **experiment**  
they draw, they build, what's more – **INVENT.**





From **BIG** things  
to **little** things  
invisible to  
living things

from cool things  
to hot things  
there's nothing  
that it's not things

it's **SCIENCE**  
and it's many things  
actually it's

# EVERYTHING!





• **WHY** do leaves turn red and gold?

• **WHY** do fireworks explode?

**WHAT** are

whizzes

bangs

expansions?

They're all

**CHEMICAL**

**REACTIONS!**





It  
Starts  
With a  
Seed

Watch a tiny seed grow into a wildlife wonderland

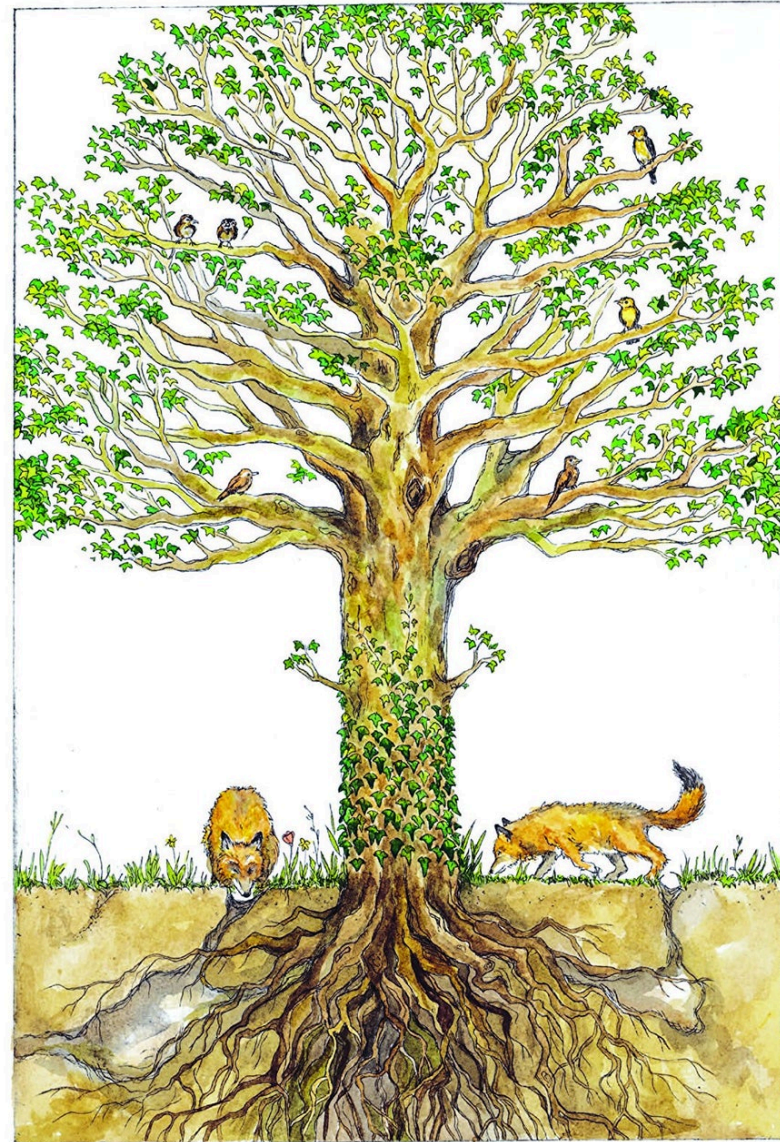


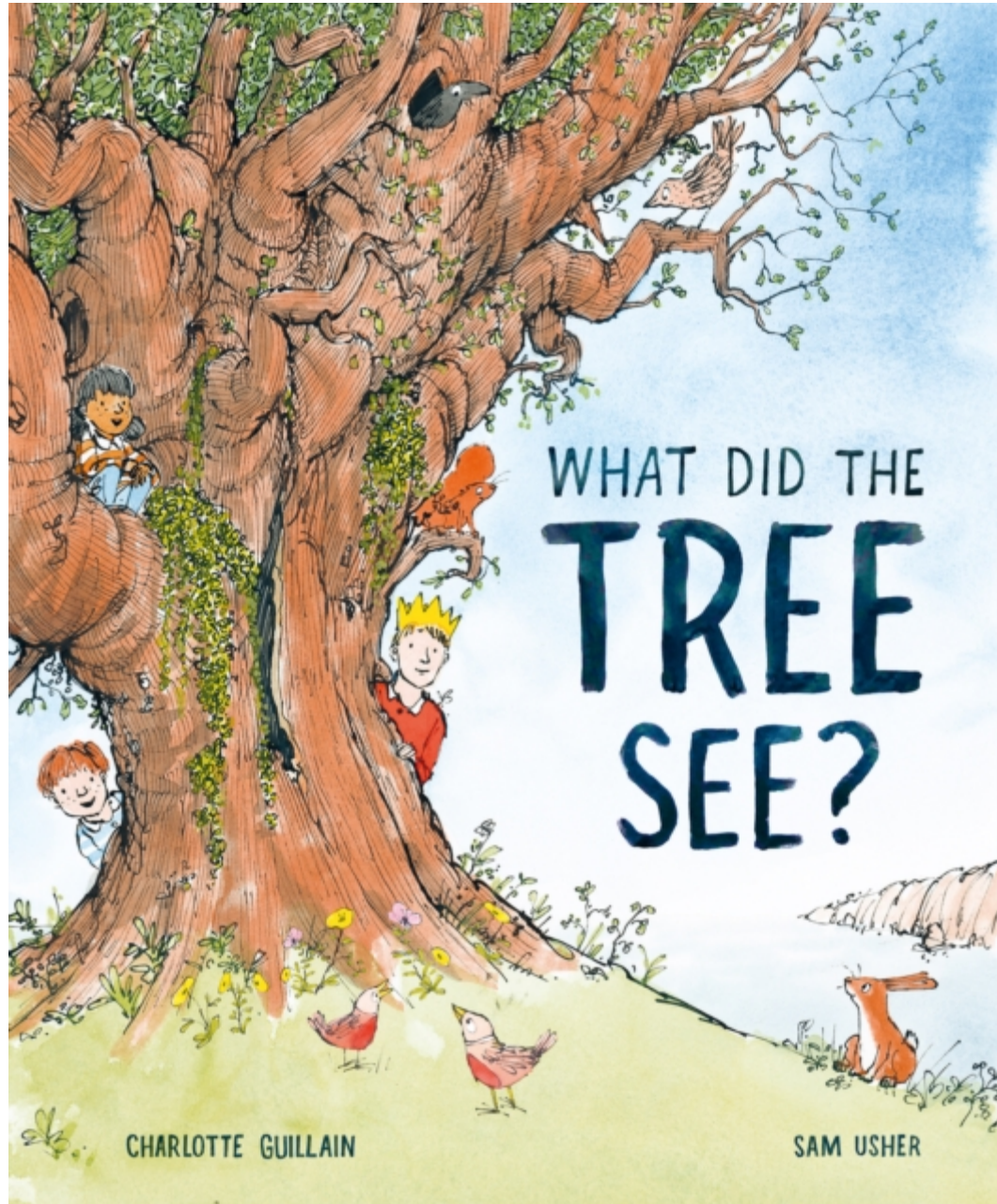
It starts with a seed.





All busily making  
a life of their own,  
in their leaf-laden,  
bark-bound arboreal home.





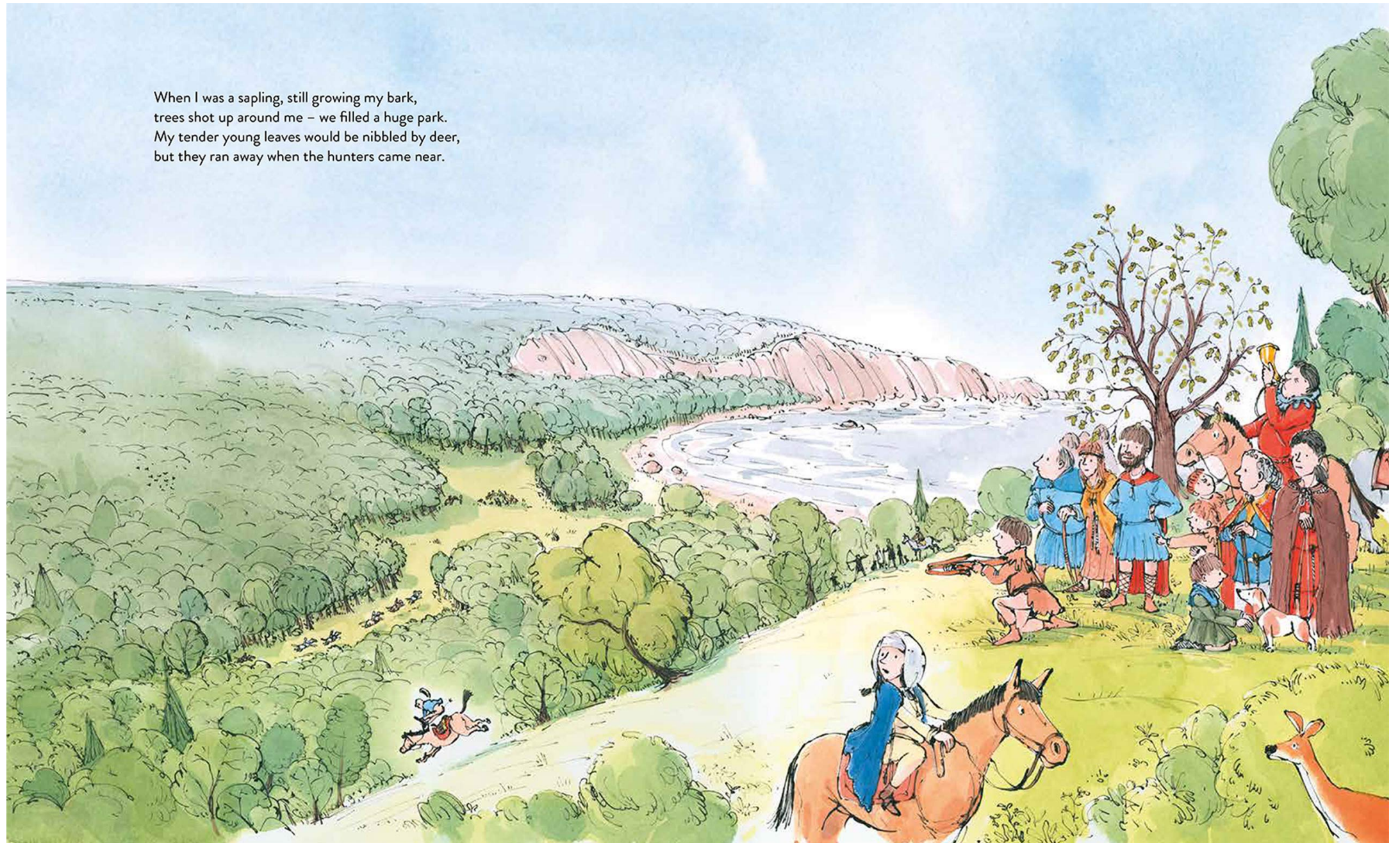
WHAT DID THE  
**TREE**  
SEE?

CHARLOTTE GUILLAIN

SAM USHER

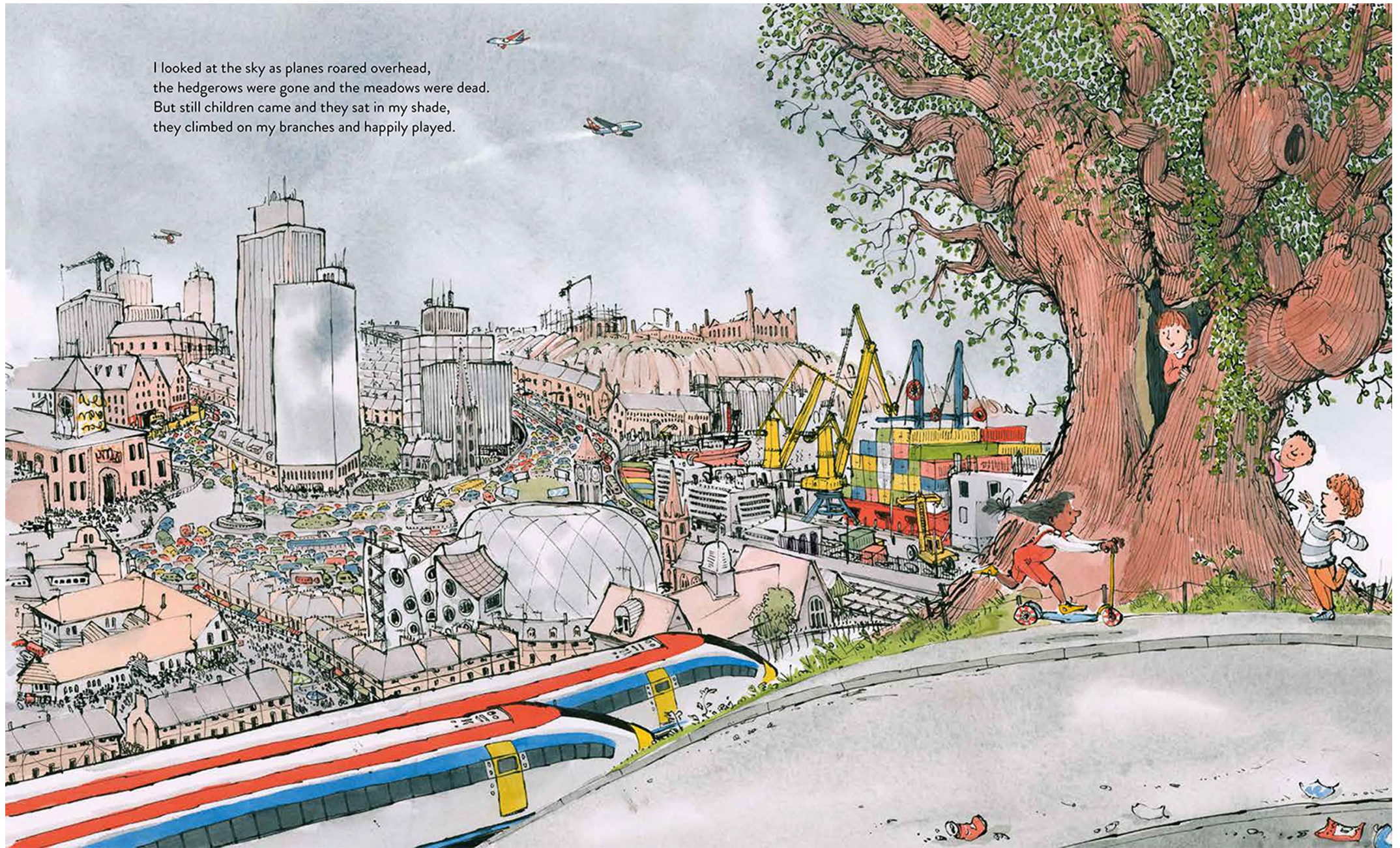


When I was a sapling, still growing my bark,  
trees shot up around me – we filled a huge park.  
My tender young leaves would be nibbled by deer,  
but they ran away when the hunters came near.





I looked at the sky as planes roared overhead,  
the hedgerows were gone and the meadows were dead.  
But still children came and they sat in my shade,  
they climbed on my branches and happily played.









These are the servants presenting each dish,  
carrying venison, partridge and fish . . .

inside the castle the King built.







These are the merchants  
who sell cloth and spices,  
arranging their carpets  
and yelling out prices . . .  
inside the castle the King built.





I plan the castle, then build it from stone!

Mason



I can create almost anything from wood!

Carpenter



I work with metal in my blacksmith's forge!

Blacksmith



I bake bread, pies and pastries for the meals!

Baker



I wait on people, then wash their dishes!

Servant



I entertain by singing songs and playing music!

Minstrel



I feed the horses and clean the stables!

Groom



I fight for the King and protect his land!

Knight



I sell all kinds of things in the market!

Merchant



I own the castle and am in charge of the kingdom!

King

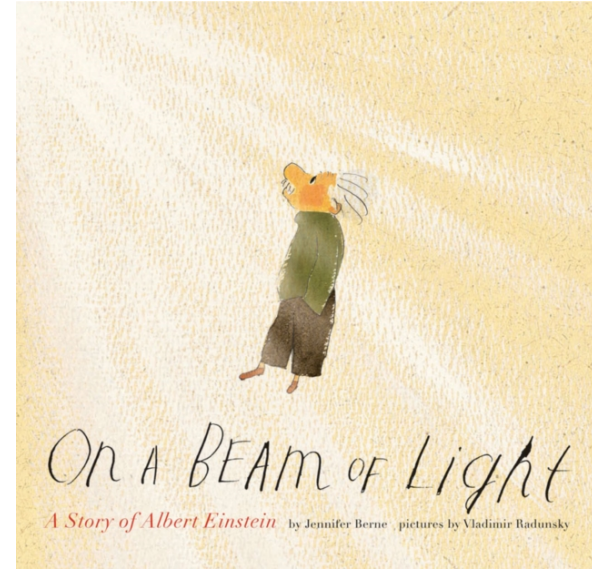
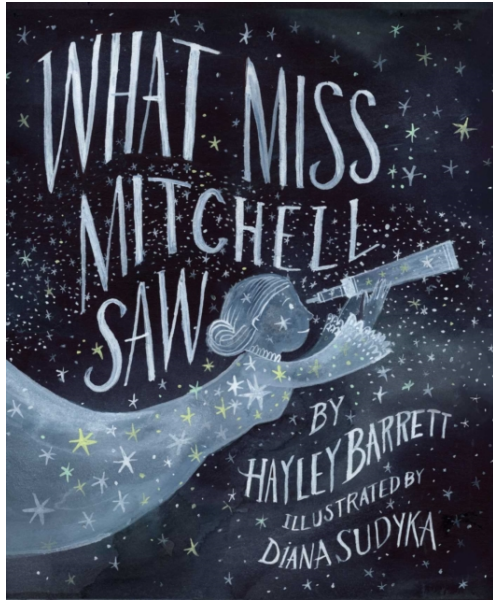


We wash all the clothes and bedding by hand, look after the babies and clean the castle!

Unlike today, it was almost all men living inside the castle during medieval times.

The King's wife and daughters would have lived there with their servants and companions, but apart from that, the only women in the castle were female servants, nurses or perhaps laundry maids.







When Joan grew older, she skipped the parties and dances with her friends. Instead, she sought out the curator of reptiles and fish at the Natural History Museum.



There, Joan and the curator talked snake scales: size, shape, texture, patterns, and even evolution. Sometimes Joan smuggled in her crocodile, to the delight of the curator. He knew right away that Joan was special.



Although the visitors were thrilled, Joan was concerned. One of the Komodo dragons, Sumbawa, did not look well.



To the shock of the zoo guests, Joan entered the enclosure.

Advance Reading Copy



She moved Sumbawa to the reptile clinic with the help of six nervous keepers.

The dragon let Joan clean a sore in his mouth with no fuss at all. In fact, he thanked Joan by licking her face.

Joan thought Sumbawa was brave.

The keepers thought Joan was brave.



Beatrix searched everywhere for a playmate.

When she visited the countryside with her family,  
she would hunt through the bushes for wild rabbits  
whose black eyes flashed with fun.

But whenever Beatrix tried to start a game,  
they bounded away across the fields, leaving  
her feeling as lonely as ever.

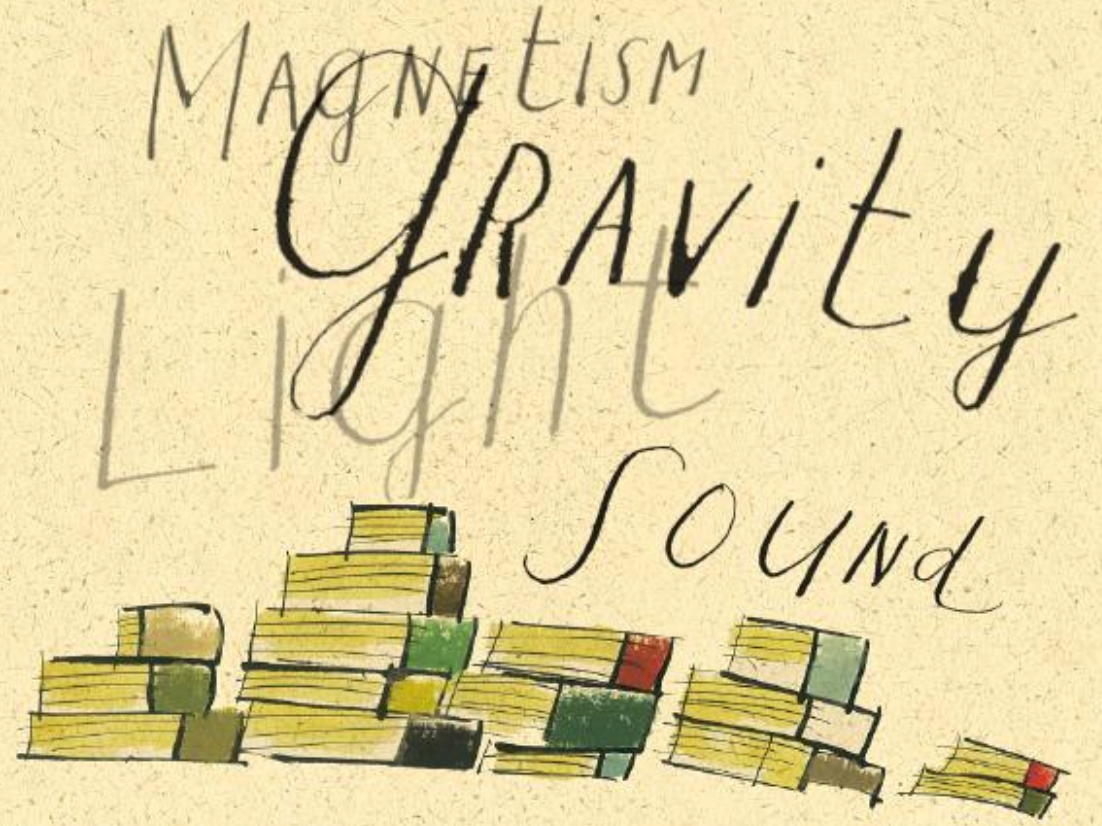




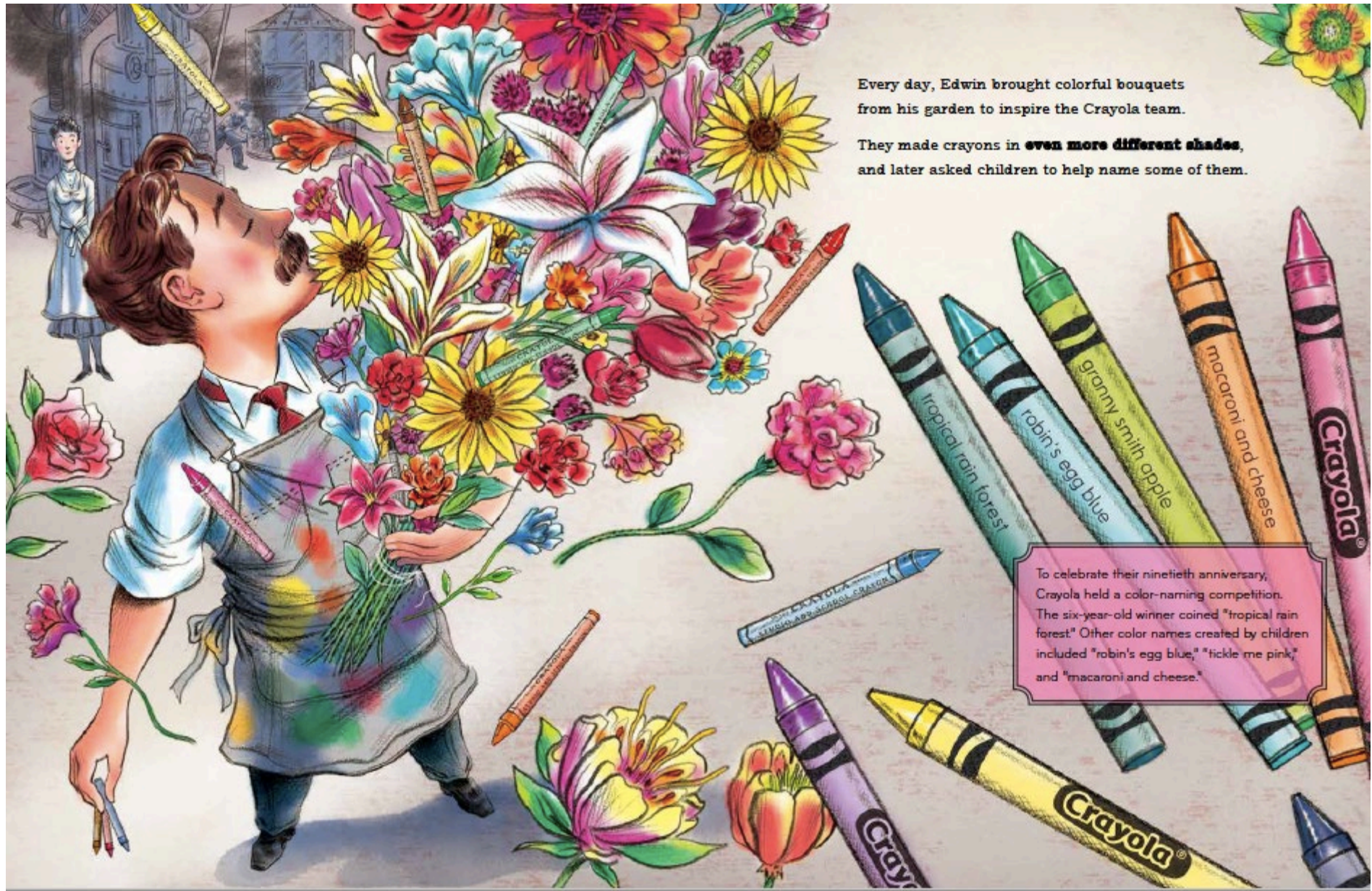


Albert began to read and study.

He read about light and sound. About heat and magnetism. And about gravity, the invisible force that pulls us down toward our planet, and keeps the moon from floating away into outer space.







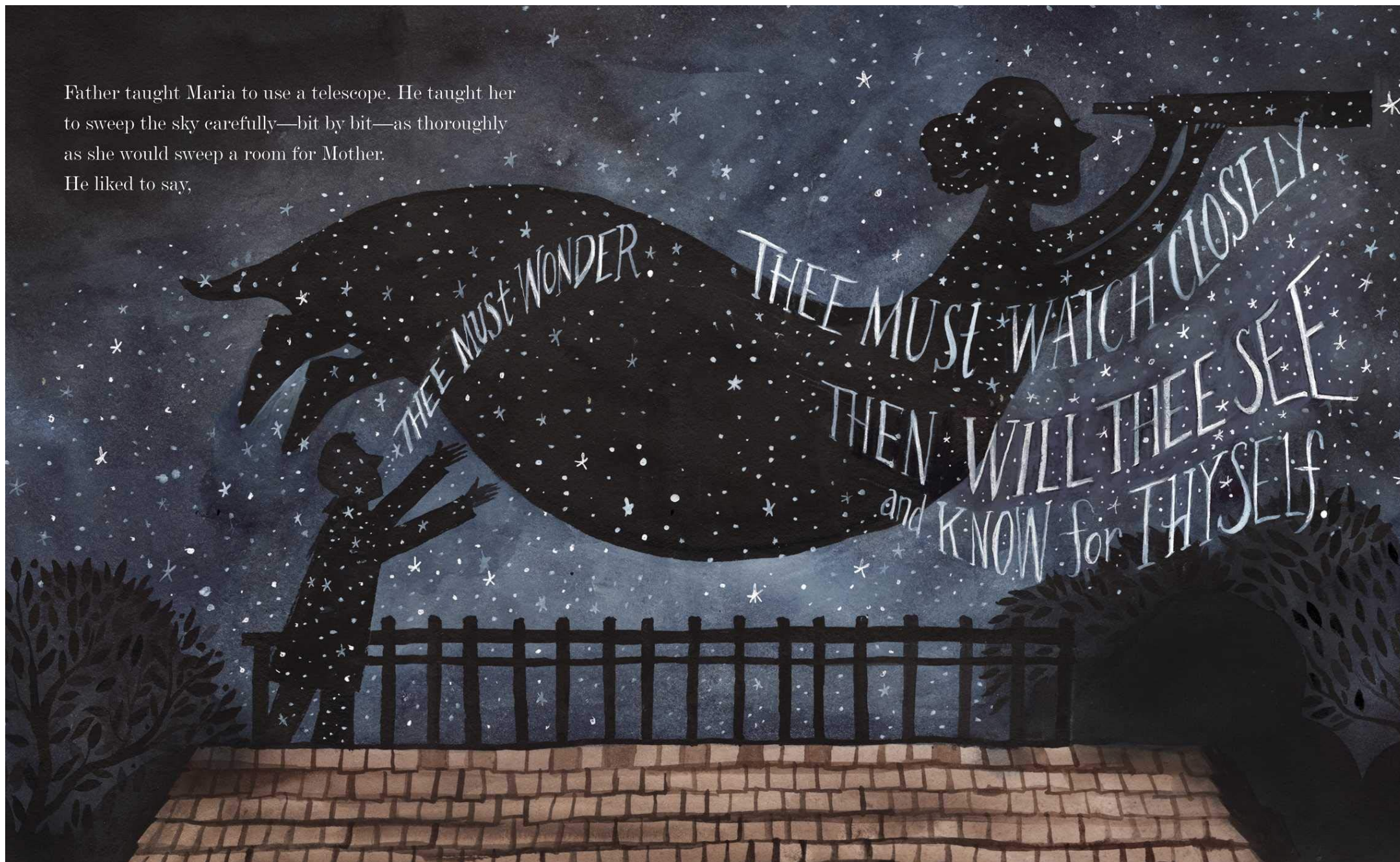
Every day, Edwin brought colorful bouquets from his garden to inspire the Crayola team.

They made crayons in **even more different shades**, and later asked children to help name some of them.

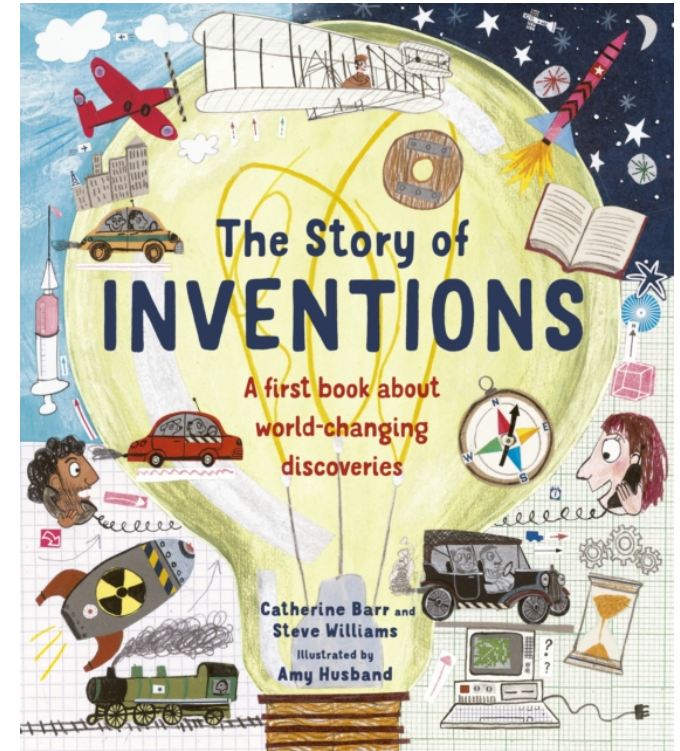
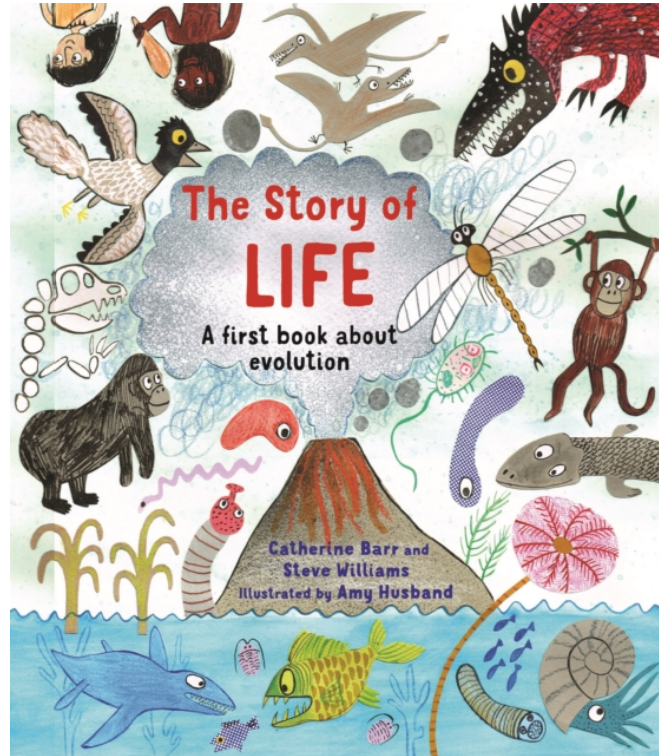
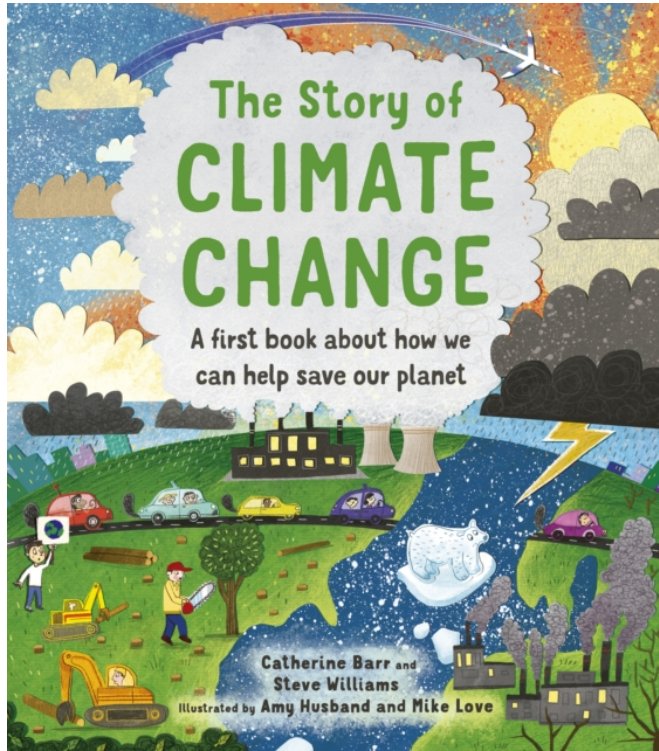
To celebrate their ninetieth anniversary, Crayola held a color-naming competition. The six-year-old winner coined "tropical rain forest." Other color names created by children included "robin's egg blue," "fickle me pink," and "macaroni and cheese."



Father taught Maria to use a telescope. He taught her to sweep the sky carefully—bit by bit—as thoroughly as she would sweep a room for Mother. He liked to say,











Wheels first began to turn in the Bronze Age. Potters used flat wheels to spin their pots in busy cities.

It took time to harness horses and invent tools to make wheels spin on carts. But when they did, these carts became chariots that gathered speed with spokes. They bumped across Asia to Egypt, where they carried Egyptian archers into war. These wobbly wheels changed the story of war forever.

Whoaa!

Mind my ears!

Free charge!

Biofuel

Mars

3500 BCE





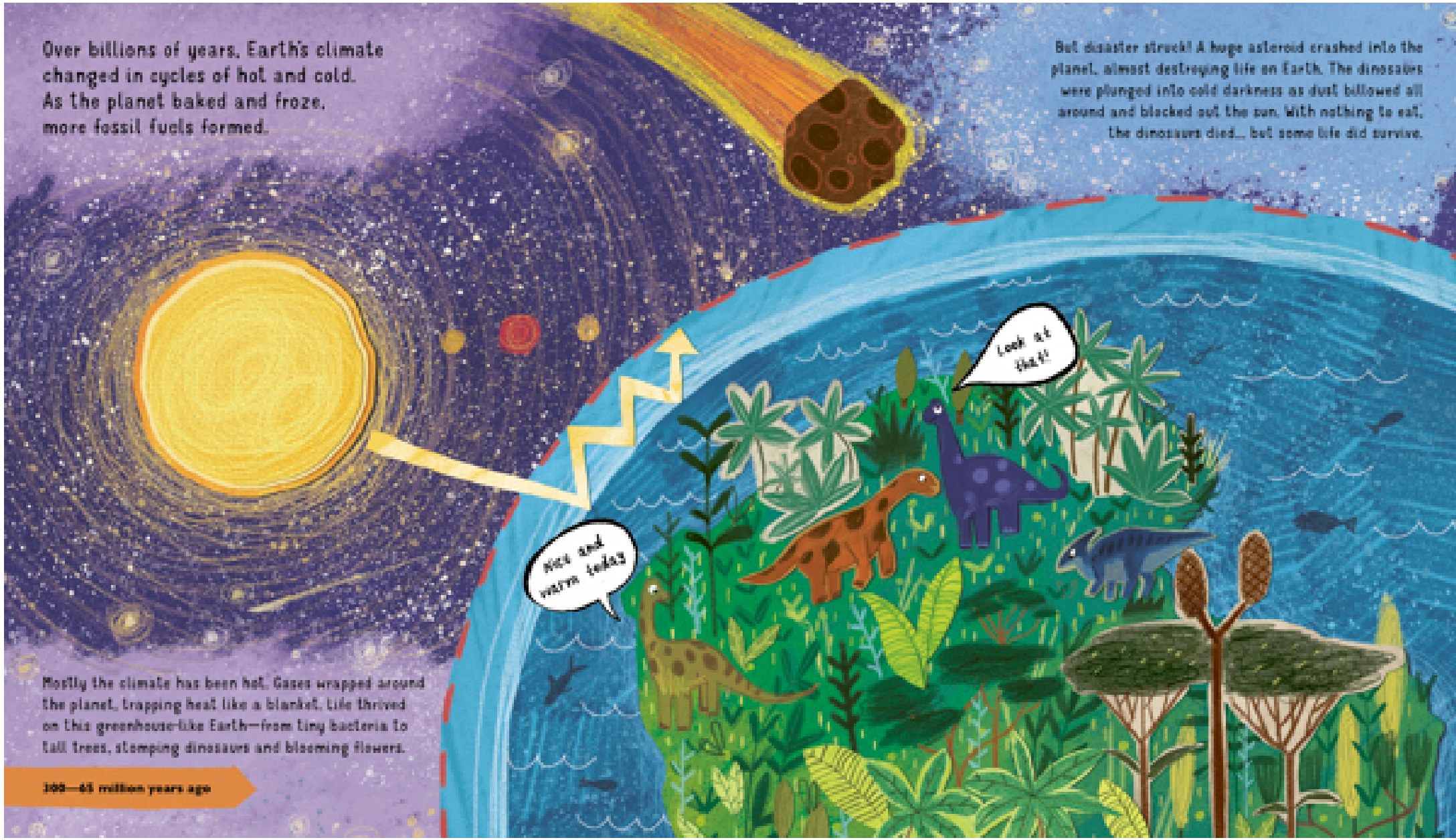


Over billions of years, Earth's climate changed in cycles of hot and cold. As the planet baked and froze, more fossil fuels formed.

But disaster struck! A huge asteroid crashed into the planet, almost destroying life on Earth. The dinosaurs were plunged into cold darkness as dust billowed all around and blocked out the sun. With nothing to eat, the dinosaurs died... but some life did survive.

Mostly the climate has been hot. Gases wrapped around the planet, trapping heat like a blanket. Life thrived on this greenhouse-like Earth—from tiny bacteria to tall trees, stomping dinosaurs and blooming flowers.

100—65 million years ago





Over time, sunlight burned through the dusty haze created by the asteroid collision with Earth.

You were easy to spot

People discovered how to release energy by burning fossil fuels. Humans began to burn oil, gas and coal and this new energy changed everyone's lives. People could now climb aboard trains, work in busy factories and live in warmer, well-lit homes.

Mammals took over the land and life exploded once again. Over millions of years, humans evolved and explored the world. People learned different skills, gathered knowledge and lived in harmony with nature.

That pollution is going to be a problem...

But when fossil fuels burned, a gas called carbon dioxide drifted up into the sky. Levels of this gas in the atmosphere began to rise. In a short time on Earth, humans were already beginning to change the air.

65 million years ago - c.1850s







**This blisteringly hot blast began to cool.**

Bits from the blast formed tiny things called atoms, which made gas and dust. The gas twisted and clumped, getting hotter and hotter until it burned and shone.

13.7 - 13.1 billion years ago

Milky Way

supermassive black hole

Whirlpool galaxy

In these swirling clouds of colour, the first stars were born. Until starlight shot across space, only a faint glow from the Big Bang lit the blackness. Now great clusters of stars formed millions of different galaxies, each sparkling silently.

Everything is twinkling

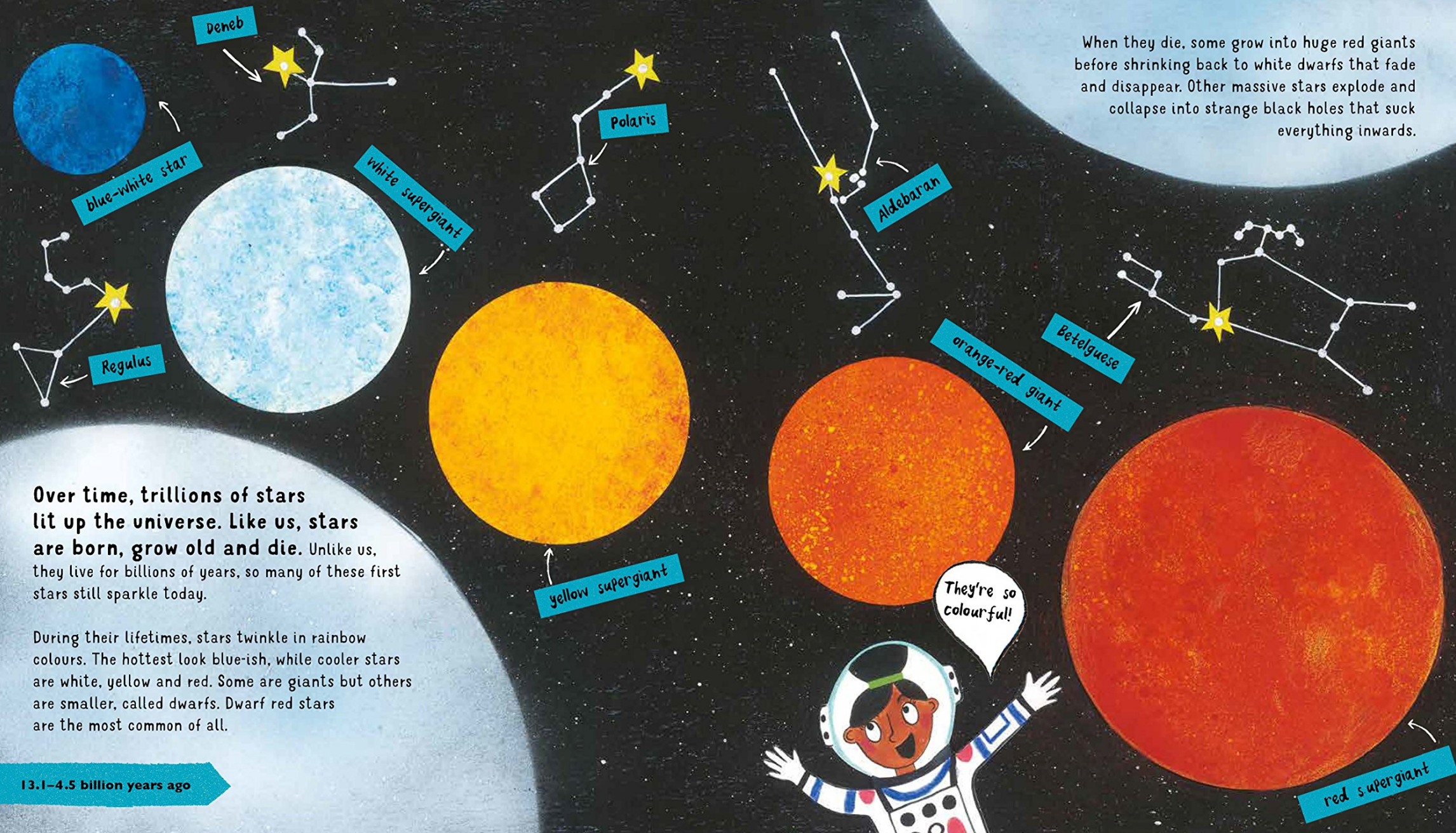


Over time, trillions of stars lit up the universe. Like us, stars are born, grow old and die. Unlike us, they live for billions of years, so many of these first stars still sparkle today.

During their lifetimes, stars twinkle in rainbow colours. The hottest look blue-ish, while cooler stars are white, yellow and red. Some are giants but others are smaller, called dwarfs. Dwarf red stars are the most common of all.

13.1-4.5 billion years ago

When they die, some grow into huge red giants before shrinking back to white dwarfs that fade and disappear. Other massive stars explode and collapse into strange black holes that suck everything inwards.



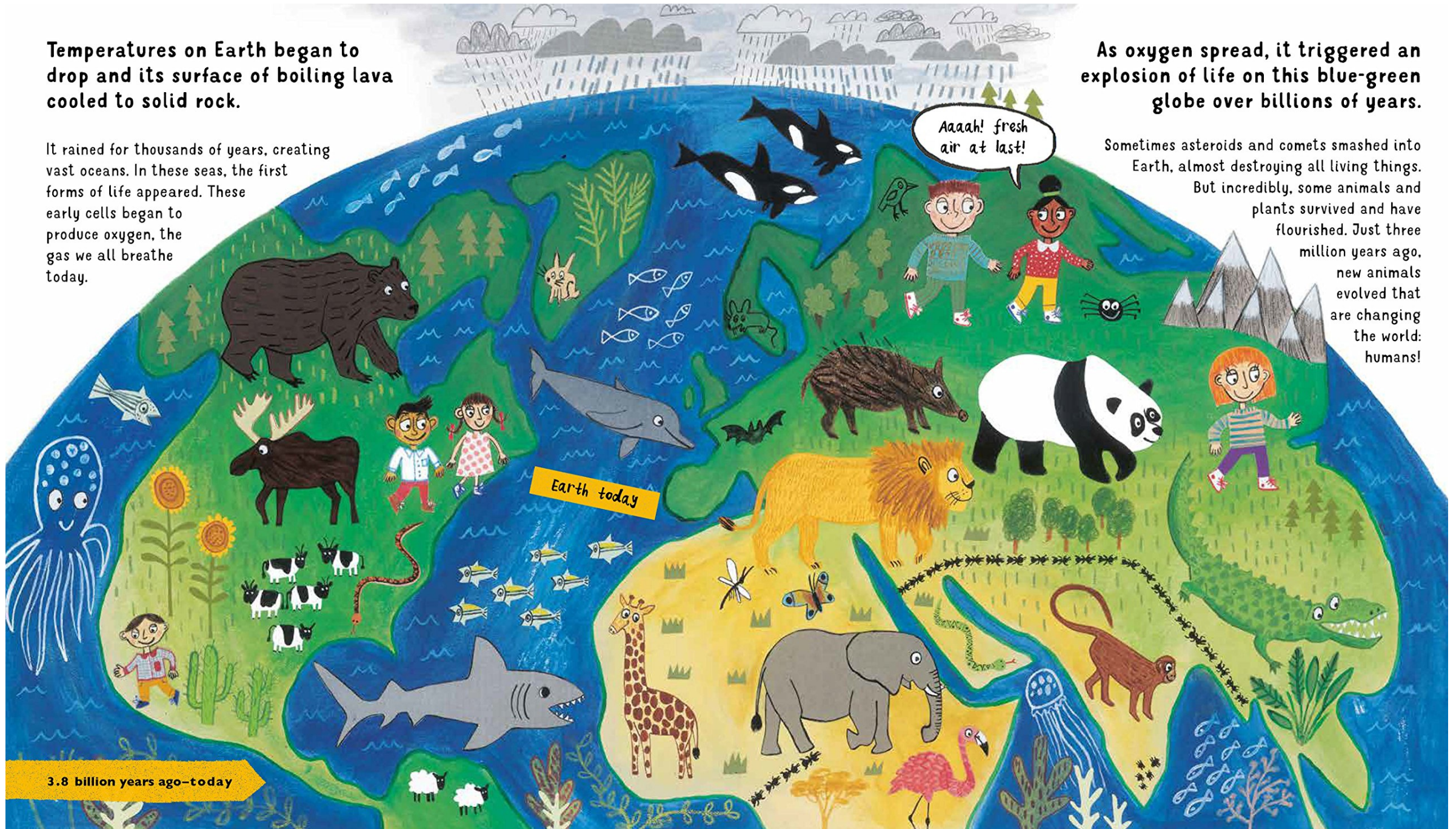


**Temperatures on Earth began to drop and its surface of boiling lava cooled to solid rock.**

It rained for thousands of years, creating vast oceans. In these seas, the first forms of life appeared. These early cells began to produce oxygen, the gas we all breathe today.

**As oxygen spread, it triggered an explosion of life on this blue-green globe over billions of years.**

Sometimes asteroids and comets smashed into Earth, almost destroying all living things. But incredibly, some animals and plants survived and have flourished. Just three million years ago, new animals evolved that are changing the world: humans!



3.8 billion years ago-today

Earth today







Finding treasure from the trees,  
blown down by the rustling breeze.

**Look what I found!**

Two leaves that make funny bunny ears.



Can you also see ... ?  
One robin hopping  
Two lacy spider webs  
Three little purple flowers





A snail carries its own hiding place on its back. It can curl up and disappear inside its shell.

Be sure to only collect empty shells, so you don't harm any little snails.

Snails and slugs eat leaves and bark so the woods are a great place for them to find a meal.

Beetles might crawl inside a dead log and munch up the old wood.

Animals munch up dead wood and leaves to help keep the woods clean. They are like tiny recycling trucks, reusing the wood for their food.

Lots of woodland animals hunt other smaller creatures to eat. No wonder minibeasts like to hide!

**SNAIL SHELLS TO SPOT:**



A tiny shell that's round and flat



A shell with dark and light stripes



A shell that looks see-through like glass



A shell that's shaped like a cone



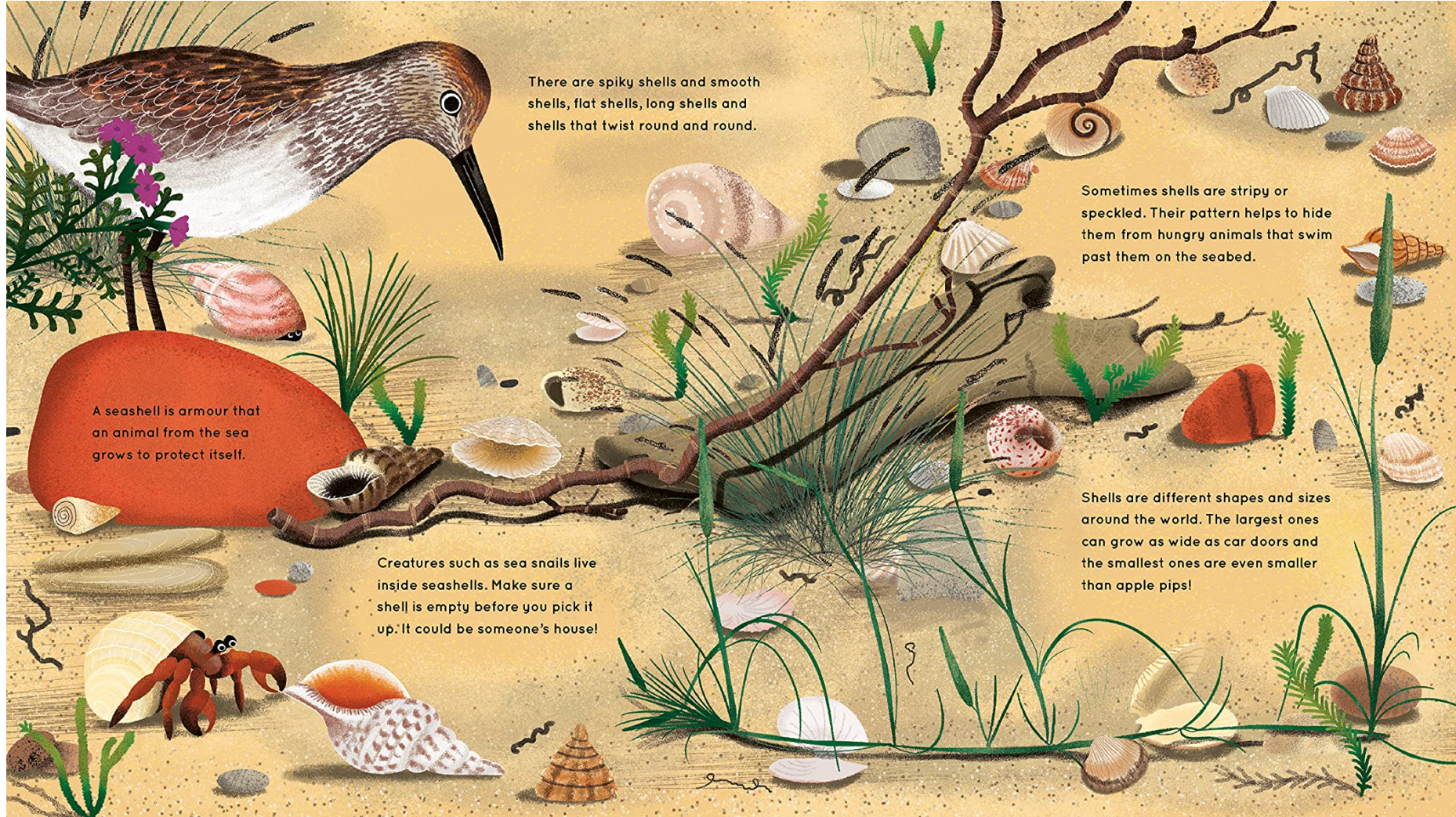
Chasing waves and having fun,  
water sparkling in the sun . . .

**Look what I found!**  
A curly seashell. Inside it shines bright, like a pearl.



Can you also see . . . ?  
One shell shaped like a little fan  
Two tiny crabs on the sand  
Three shells shaped like long,  
curly trumpets





**SHELL SHAPES TO SPOT:**

**Turret**

A curly-whirly shell



**Moon**

A shell that looks like a snail's shell



**Angel wings**

A shell like a pair of wings



**Top**

A shell that looks like whipped cream



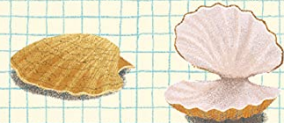
**Wedge**

A shiny, smooth shell

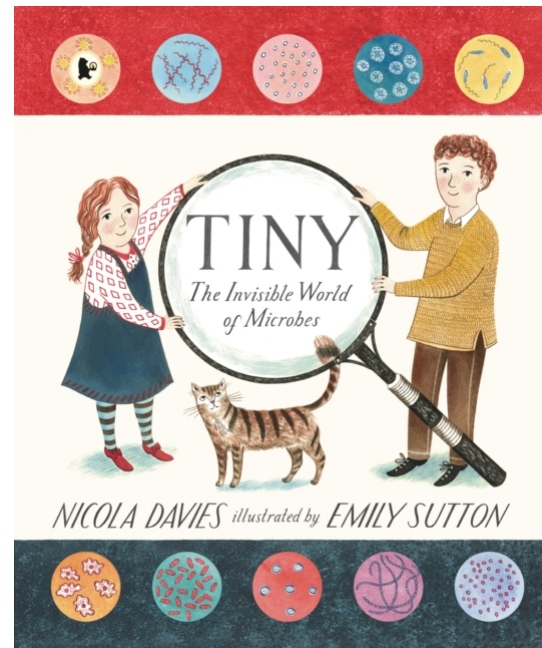
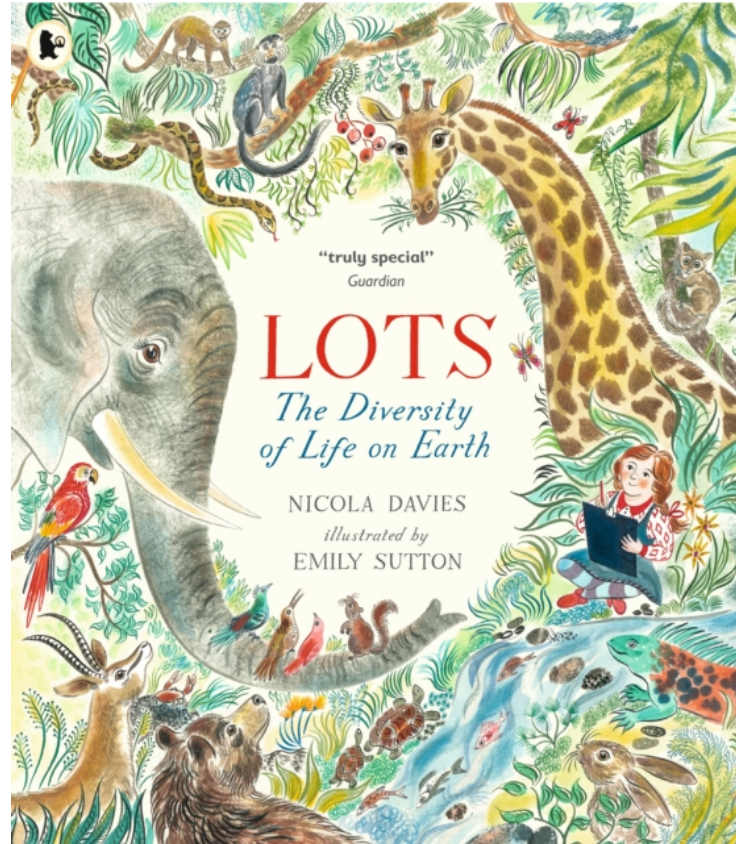


**Clam**

A shell like a purse that opens







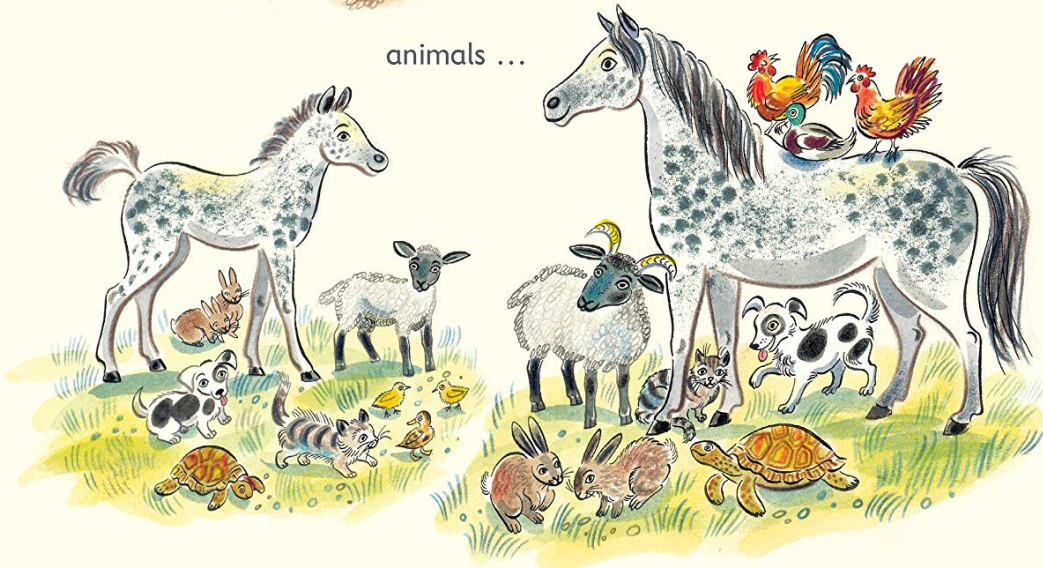


All living things grow.

Plants ...



animals ...



and humans.





How **much** things grow is important too. Some never get very big, while others grow to be **enormous**.



*Sunfish and leaf chameleons start life pretty small ...*



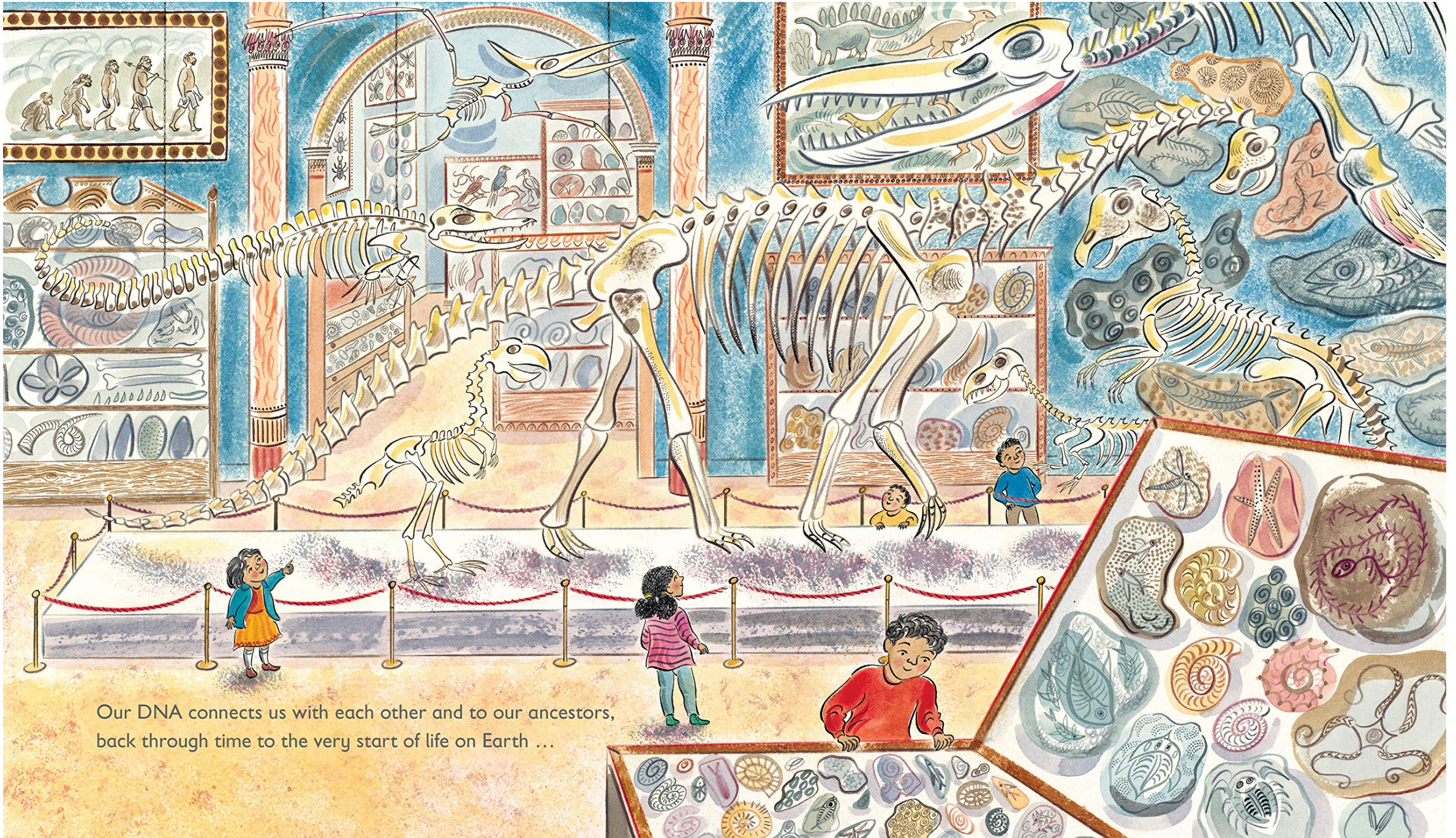
*but chameleons must live under leaves, so they never grow longer than a matchstick.*



*Sunfish have the whole ocean to swim in - and they can grow to be huge!*







Our DNA connects us with each other and to our ancestors, back through time to the very start of life on Earth ...



