



NATIONAL
GEOGRAPHIC



HELP US SAVE
ANIMALS -
TOGETHER

KIDS



Pet

SPECIAL!

WEIRD
BUT
TRUE!



WIN CAMP
BESTIVAL
TICKETS!



WE CHAT TO
LION SAVER
AMY DICKMAN



ADVENTURE HOLIDAYS
for 7-17 year olds

we think
ADVENTURE
IS WHAT
childhood
IS ALL ABOUT



➡ Since 1957, over 8,000,000 children and parents have discovered what makes PGL the UK's no.1 for children's adventure and activity holidays.

This year we hope you will too. With our exclusive special offer you can now take advantage of up to 50% off your booking.*

Over 93% of our customers say they would book again, so if you've thought that a 'summercamp' style adventure experience isn't for your children, maybe it's time to think again?

We have 13 amazing centres in the UK, packed with the latest equipment and accommodation

and set in private grounds, to enjoy and explore. We also offer over 20 different holidays, from birthday parties to film making, to suit every child and budget.

All you have to do to grab your exclusive offer of up to 50% off is to request our 2020 brochure. Find out for yourself what a PGL holiday can offer you and your children.



CALL FREE ON
0800 840 3744
or visit www.pgl.co.uk/NGkids

*Subject to availability. Offers apply to selected 7, 4 and 3 night dates only, using the unique offer code that will be provided to you, along with dates and holidays to which it applies and full terms and conditions once you request our brochure by phone or online.

ABTA
ABTA No.V2683

NATIONAL GEOGRAPHIC KIDS

Hello!

This month's mag is our *aww-some Pet Special!* So get ready for fun photos, feats and facts about the cute, furry and fabulous friends we have at home! Find out your 'pet personality', meet some pets that do crazy tricks, and learn about cats' and dogs' remarkable senses!

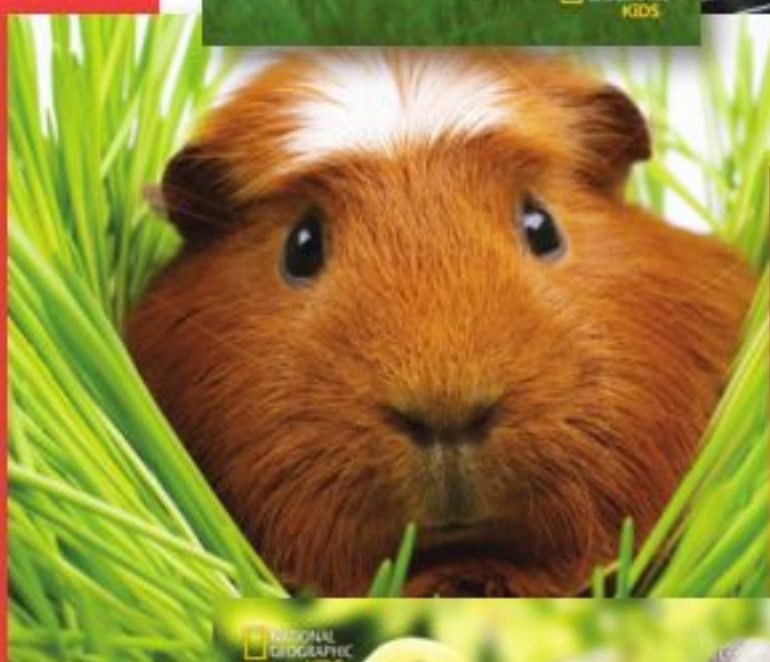
Plus, to celebrate Earth Day on 22 April, check out some of the super species that need our help, and find out what YOU can do to protect the world's wonderful wildlife!

As usual, this issue is crammed with brilliant posters, puzzles and prizes – so get stuck in! See you next month!

Editor, Tim



FREE this issue...



6 PET POSTERS!

Write to NG KIDS

Email kids@ngkids.co.uk

Post National Geographic Kids, Third Floor, 12-14 Berry Street, London EC1V 0AU

Website natgeokids.com

Facebook facebook.com/natgeokids

Twitter twitter.com/natgeokidsuk

Pinterest pinterest.co.uk/natgeokidsuk

Instagram instagram.com/natgeokidsuk



For competition terms and conditions visit natgeokids.com/uk/ts-and-cs/

For subscriptions go to natgeokids.com

To find your nearest stockist of NATIONAL GEOGRAPHIC KIDS magazine, please visit seymour.magzene.com

National Geographic Society and Creature Media Limited do not endorse any of the products in this magazine. National Geographic Kids is the world's biggest-selling monthly general-interest magazine for children, with a worldwide circulation of 1.7 million in more than 20 countries.

What's inside...



12

PET SPECIAL

Get ready for TEN pages of pet fun! Cuteness overload!



12 PET QUIZ



14 SILLY PET TRICKS



18 DARE TO EXPLORE



12 CAT & DOG SENSES

Check out our superpowers!



23

MINI HISTORIES COMIC

Max the mouse dashes back in time to meet Queen Victoria



37

EARTH DAY

NG photographer Joel Sartore's snaps of endangered creatures



40

18 WAYS TO HELP

How YOU can give our planet's wildlife a helping hand!



44

THE BIG INTERVIEW

Tales of lions and 'magic' dogs from NG Explorer Amy Dickman!

PLUS!

4 **Inside Scoop** All the latest news and events from across the globe...

6 **Wacky World!** There are some crazy things going on out there!

8 **What's UP?** This month's best films, TV and books!

10 **Big Picture** An ocean scientist makes a shocking clifftop discovery

46 **Win It!** You've got 38 chances to win!

48 **Junior Explorers' Club** Readers tell us what they've been up to!

51 **Weird But True** Speedy brains, crazy hair and a ginormous pizza!

53 **Fun Stuff!** Three pages of puzzles!

56 **Make It!** Dip your soldiers into this yummy egggy snack!

57 **Puzzle Answers and jokes** Oi, no cheating!

INSIDE SCOOP

The latest news from around the globe...

Violinist plays during surgery!



Doctors from **King's College Hospital, London**, have removed a **brain tumour** from a woman while she **played her violin!**

Musician **Dagmar Turner** loves the violin so much that she wanted to be sure her **playing wasn't affected** by the surgery, which was in a **part of the brain that controls precise hand movements**. Before her operation, the surgeon (a **fellow music lover**) spent two hours carefully **mapping her brain** to identify areas that were **active** when she **played the instrument**.

The op was a **success** and Dagmar has **retained full function in her left hand!** She hopes to **rejoin her orchestra** soon. Amazing!



Dagmar during the operation

Mini marsupial lion fossil discovered



Artist Peter Schouten's impression of the little lion hunting!



Palaeontologists working in **Queensland, Australia**, have discovered that **fossils** they were studying belong to a new type of **marsupial lion!**

The **domestic cat-sized** predator, named ***Lekaneleo roskellyae***, had a **pouch** to carry its young, and incredibly **powerful teeth** that were sharp enough to **slice through bone!** Scientists think the fearsome little lion roamed rainforests **20 million years ago**, living in **trees**, hunting **snakes, birds** and other small animals.

Riversleigh World Heritage Area, where *Lekaneleo* was uncovered, is the site of many other important finds, including the **2016** discovery of a **kitten-sized** marsupial lion ***Microleo attenboroughi*** – named after **Sir David Attenborough**. Cool!

Brain surgery © King's College Hospital; Mini marsupial © Peter Schouten; Robot © Anand Varma; Illustration © Marek Jagucki; All others © Getty Images UK

3 FAST FACTS!

VE DAY 75

8 May marks **75 years** since the end of **World War Two**. Find out more below...

MAY
8-10

1 'VE' stands for **Victory in Europe**. Six miserable years of **war** finally came to an end across Europe on **7 May 1945**, although fighting continued in **Japan** until **August**.

2 Prime Minister **Winston Churchill** announced the news at **3pm** on **8 May**, and **celebrations** erupted around the world. In the **UK**, **music, dancing** and **banners** filled the streets. Even the **Queen** (then aged **19**) joined in the fun, leaving **Buckingham Palace** to wander unnoticed among the **London** crowds!

3 This year's **early May Bank Holiday** is being moved to **Friday 8 May** to mark the **75th VE Day**. There will be a **three-day** celebration featuring **bagpipers** playing at the top of the UK's **four highest peaks**, **bell ringing** and local **street parties**. Find out more at **veday75.org**



Is there a parade happening near you?

Sack the sachets!

 You know those **little plastic sachets**, filled with everything from **mayonnaise** and **milk** to **soy sauce** and **shampoo**? Well, a whopping **855 billion** of them are used every year worldwide – enough to **cover the entire surface of the planet!**

Campaign group **A Plastic Planet** are calling on the government to '**sack the sachets**', questioning why they've banned **plastic straws**, **stirrers** and **cotton buds** (from this **April**, hooray!), but NOT the polluting sachets.

While waiting for the government to *ketch-up*, food delivery company **Just Eat** is trialling **biodegradable sachets** made from **seaweed**, preventing over **40,000 sachets** from entering **landfill** in just **eight weeks**. Great!



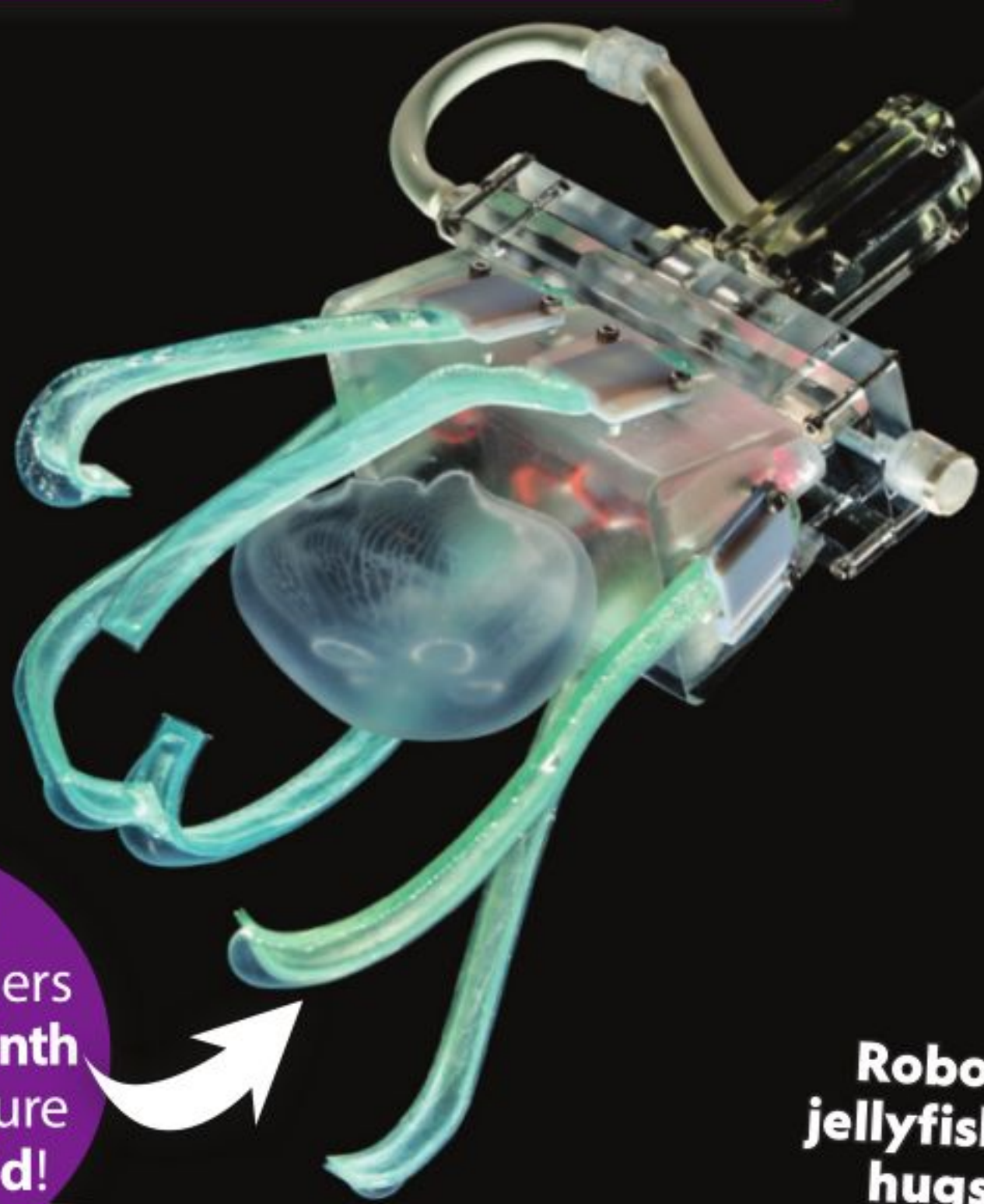
Sachets made from seaweed!

Noodle-fingered robot!

 A top team of **scientists** has designed an **ultra-soft robot** with **noodle-like fingers** to help them conduct **research** on **jellyfish**! The **gentle grippers** can interact with the slippery organisms **without causing any harm**.

The marine biologists behind the project want to ensure that future **deep sea exploration** is as safe and respectful as possible. In the past, specimens have been **killed** and then brought to the **surface** in order to study them. But these new soft robots will enable scientists to take **swabs of DNA** from **deep-sea organisms** in a way that's **stress-free** for the animals. Hooray!

The soft robotic fingers exert just a **tenth** of the pressure of an **eyelid**!



Robot jellyfish hugs!

MAKE IT A DATE

What's going on this month?



MAY 8

May Bank Holiday

It's a *Friday* off school!



MAY 12

Limerick Day

Recite a ridiculous rhyme today!



MAY 12-16

Eurovision Song Contest

Pop madness in Rotterdam!



MAY 18-22

Walk to School Week

Appreciate the wonders of walking livingstreets.org.uk



MAY 25

Spring Bank Holiday

Another day off! Woo hoo!

CRAZY EVENT

BunBangFai Rocket Festival

MAY 9-10

You might want to bring **earplugs** to this **explosive festival** in **Thailand's Yasothon Province**, during which teams launch **homemade rockets** into the sky! The tradition of firing rockets, most of which are **9m long** and packed with **gunpowder**, was originally intended to bring on the **rainy season**! Some special rockets may weigh up to **100kg** and fly for over **five minutes**.

There's a competition, too, with rockets judged on their **height**, **distance** and the **beauty** of their **vapour trail**! If any rockets **fail to launch**, their creators are **chucked** into a **big muddy puddle**. Yikes!

As well as the rockets, there are also **parades**, **toad masks** and stages with different types of **music** and **dancing**.



WACKY WORLD!

Check out the planet's strangest pictures...



Galloping game!

Ever heard of the game **horseball**?! A cross between **polo**, **netball** and **rugby**, the sport's **ball** has **six handles** on it, allowing players to grab and then chuck it into the hoop! And it's a serious business in **Kyrgyzstan** (say 'kur-gist-arn'), a country in **Central Asia**, where these players were spotted. Giddy up!

Swing music

Forget concert halls! **Swiss musician Alain Roche** prefers to play his **grand piano** in far more **adventurous surroundings** – and always **vertically**! Here he is **dangling upside down** from a **crane** during a performance last year at a **building site** in **Switzerland**!



Scrummy surprises



Don't worry if chef **Ben Churchill** offers you a **mouldy old satsuma** to eat (left). Because his culinary creations are made of **cake**! Ben's so creative in the kitchen that he even made this mug of '**hot chocolate**' and '**sponge**' out of, er, *sponge*. Bonkers!



BREAD HEAD

This lady's '**hat**' was so **strange** it gained her **free entrance** to an exhibition about **surrealist artist Salvador Dali** in **Moscow, Russia**, recently!

SUPER-SIZED SPECIES!

Check out **Marwell Zoo's** new exhibit – **enormous animals**, like this **peacock spider**, made out of **LEGO**!



FIDO FESTIVAL!

Hundreds of **dogs** took part in the recent **Blocao canine carnival parade** in **Rio de Janeiro, Brazil**. Looks like this one had lots of fun!

HAPPIEST. MOVIE. EVER.

DREAMWORKS

Trolls

WORLD TOUR

**IN CINEMAS
EASTER MONDAY**

WHAT'S UP?

Films, TV and books to get excited about this month...



David Attenborough: A Life On Our Planet



Sir David tells us what we can do to save the planet

Sir David Attenborough has spent his life making documentaries that have brought the wonders of the natural world right into our living rooms. Now, at the ripe old age of 93, the legendary naturalist looks back at the impact humans have had on Earth during his lifetime.

In this powerful new film, Sir David shows us how it's a critical time if we want to prevent a climate catastrophe, and he explains how we can save the planet for future generations.

● In cinemas 16 April, and on Netflix later this spring



Four Kids And It

New couple Alice and David think a seaside holiday in Cornwall is the perfect time to introduce their children to each other. Trouble is, the kids aren't exactly happy about it.

But things take an exciting turn when the kids discover a magical and very grumpy Psammead (say 'sammy-add'), a creature with the power to grant wishes. Can the new siblings learn to accept each other, and work together to keep the Psammead from the clutches of an evil aristocrat?

● Available on Sky Cinema, NOW TV and in cinemas 10 April



The children meet the creature on the beach!



The Psammead's wishes only come true for a day...



Rocks

Rocks (second from right) needs her friends when her mum goes missing



Things get really tough for 15-year-old Rocks when her mum disappears suddenly, leaving her to look after her young brother Emmanuel all on her own. It's hard for her to keep things together as she struggles with money and hides from social workers to keep her little family together.

Luckily for Emmanuel, Rocks is really resilient, and she has a tight-knit group of friends to support her. Expect sadness and laughter in equal measure in this raw and moving drama.

● In cinemas 10 April, cert 12A



Trolls World Tour

Pop-loving Trolls Poppy and Branch get a shock when they discover their Troll tribe isn't the only one. It turns out there are six different Troll lands, each devoted to a different type of music – funk, techno, country, classical, pop and rock. But when a hard-rockin' Troll shows up and threatens to destroy all the other tribes' music, the pair must unite everybody to save the day. Expect colourful characters and catchy tunes in this feelgood animation. Music to our ears!

● In cinemas 10 April



Beware of Queen Barb!



Can Poppy (left) and Branch save the day?!

Enter ALL comps at
natgeokids.com
by 30 April

KEY



Show



Movie



DVD



App



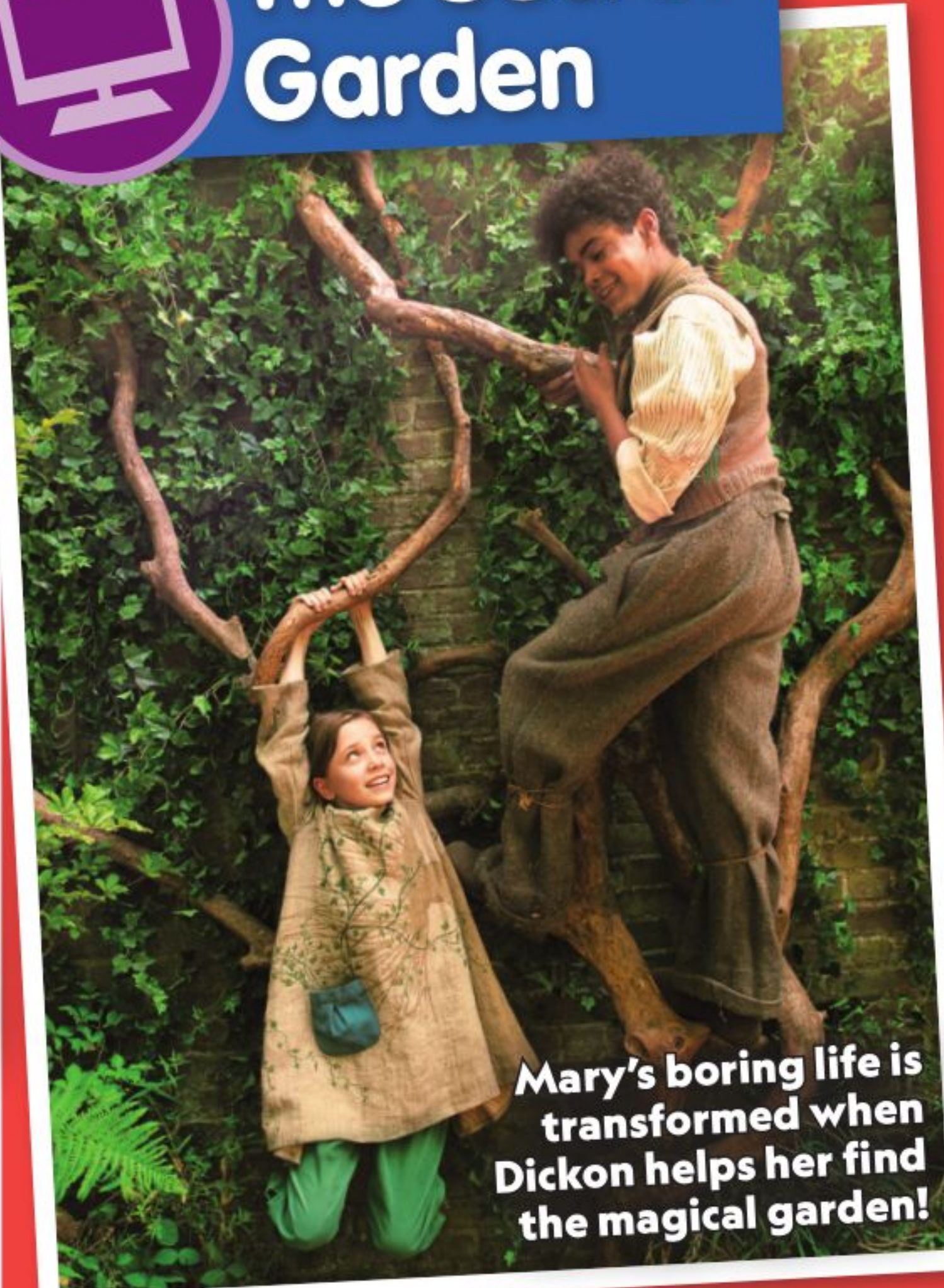
Book



TV



The Secret Garden



Mary's boring life is transformed when Dickon helps her find the magical garden!

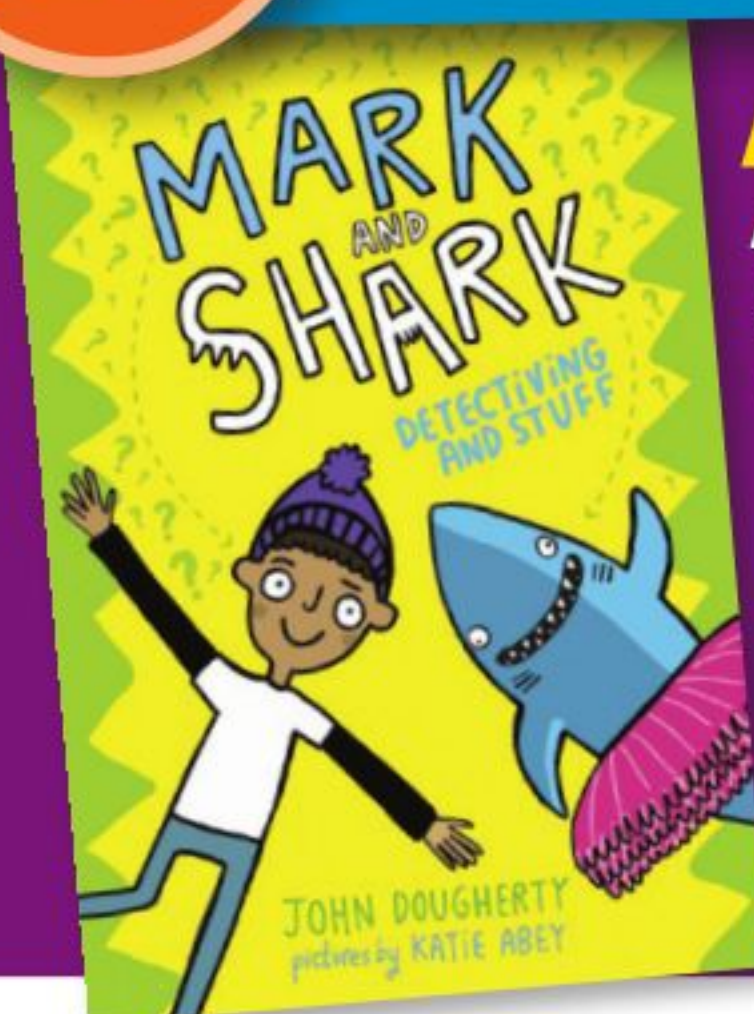
When Mary's parents suddenly die, she's packed off to live with her rich uncle Archibald in a huge country house in the Yorkshire moors.

Mary only has the maid to keep her company, so things are a bit of a bore-fest at first. But then she discovers her sickly cousin Colin hidden away in a special wing of the house, and the maid's son Dickon tells her about a magical secret garden locked away in the grounds. Blooming brilliant!

● In cinemas 3 April



Your book reviews



Mark and Shark John Dougherty and Katie Abey

A boy called Mark and his pet shark (called Shark) run a 'detecting and stuff' agency. One day a polar bear comes to ask for help with her ice cream business. Her van is falling apart and her business is struggling – a penguin has started stealing her customers!

Each chapter has drawings which make the words come to life. This book is really funny and I read it at bedtime, chuckling to myself.



Harry, 8

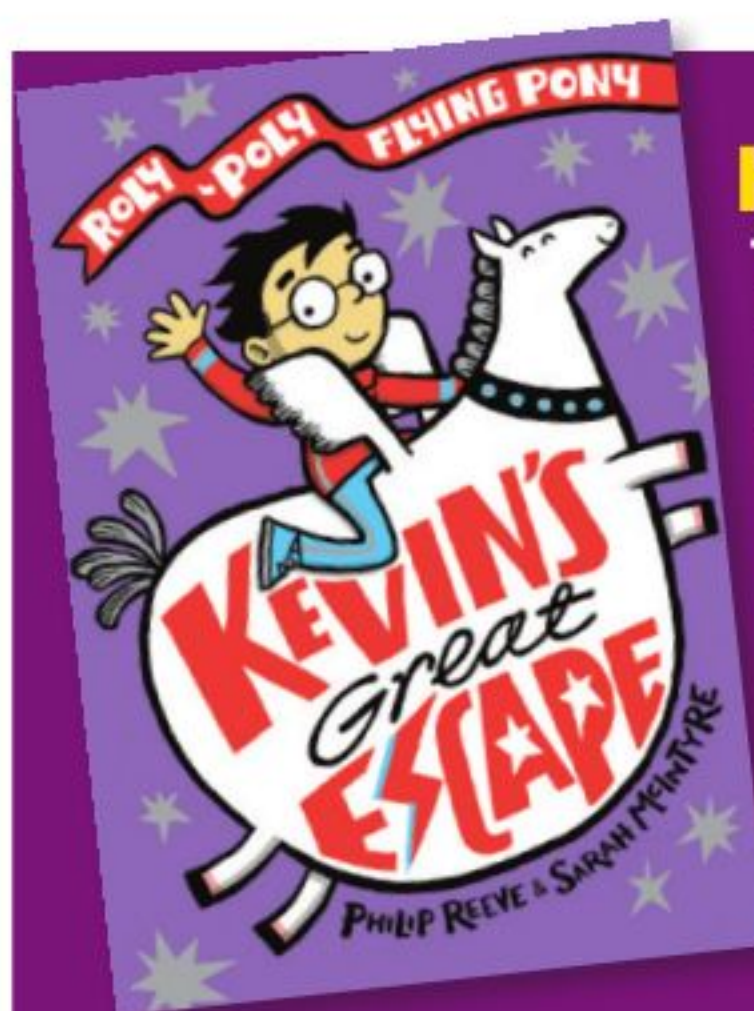
Beatrix the Bold and the Riddle Town Dragon Simon Mockler



Lyra, 9

Beatrix The Bold is a queen who's only ten years old! She's very determined to catch the Riddle Town Dragon, who steals children if they're naughty. Beatrix has three friends to help her on the way – Oi the boy, Wilfred the Wise and Dog the dog.

My favourite character is Beatrix because she is confident and resilient. If you like adventurous stories you'll enjoy this funny, exciting and intriguing book!



Kevin's Great Escape Philip Reeve and Sarah McIntyre

This book is full of action and doesn't get boring – it's also very funny! It's about Max and his roly-poly flying pony, Kevin, who gets kidnapped.

My favourite character is Cardigan Faun, who is one of the mythical creatures held captive with Kevin. I would recommend this book to people who love magical stories. The only problem is once you start it you can't put it down!



Makai, 9

FACT BOOK OF THE MONTH

Darwin's Rival: Alfred Russel Wallace and the Search for Evolution Christiane Dorion

You've probably heard of Charles Darwin, the scientist whose theory of evolution changed the way we understand the world. But did you know that another scientist came up with the theory, too, at the exact same time?! This illustrated book tells the fascinating tale of explorer Alfred Russel Wallace, a self-taught scientist who travelled to the Amazon and Southeast Asia to collect specimens of wonderful creatures, and uncover the origins of species!



Alfred Russel Wallace collected a whopping 125,660 specimens during an eight-year expedition, including more than 5,000 species that were unknown to western science.

WIN! Five winners will scoop all four of these books!
Q Which of these countries is NOT in Southeast Asia? a) Indonesia b) Malaysia c) Malta

Enter
online by
30 April!

THE

BIG PICTURE

NAT GEO KIDS'
image of the month

NESTS OF NETS



Gannets normally make their **nests** out of **seaweed** and **grass**, but this photo of a gannet colony on **Norway's Runde Island** reveals the **seabirds** have been using **discarded fishing nets** and **ropes** instead.

Dr. Simon J Pierce, a scientist from the **Marine Megafauna Foundation**, took the shocking picture from a boat after he noticed **bright colours** on a cliff. "When I downloaded the pictures to my computer, I just **gasped**," he says. "The nests were **overflowing** with **fishing debris**."

A recent survey at Runde Island revealed that **97%** of nests contained **man-made waste**. The tough, **non-biodegradable** materials can **entangle chicks** and **kill them**. Simon hopes that the situation will improve by **reducing fishing** near **nesting colonies**.

● Simon's image was **highly commended** in the **Marine Conservation** category of the **Underwater Photographer of the Year 2020 competition**. Check out all the winning images at underwaterphotographeroftheyear.com






Background © Sswartz / iStockphoto; Dragon © Dm7 / Shutterstock; Hiker © Dudarev Mikhail / Shutterstock; Inner tube © iStock / Dreamstime; Beakers © Gino Santa Maria / Shutterstock; Forest floor © Jon Bilous / Dreamstime; Gecko © Michel De Wit / Dreamstime; Tarsier © Marcophotos / Getty Images; Sandwiches © Family Business / Shutterstock; Unicorn © Antracit / Shutterstock; Salad © Jupco Smokovski / Shutterstock; Popcorn © Homydesign / Dreamstime; Frisbee © Cretolama / Shutterstock; Cannonball © Tetra Images, LLC / Alamy; Coral reef © Vincent Pommeurol / Getty Images; Running kid © Ty Allison / Getty Images; Folder © Onmyvespa / Shutterstock; Medals © Brian Jackson / Alamy; Mansion © Pixelchrome Inc / Getty Images; Living room © Timothy S. Allen / Shutterstock; Dog © Odua Images / Shutterstock; Cat © Anna Utekhina / Dreamstime; Insect © Ale-Ks.

WELCOME TO THE

Pet

SPECIAL

PERSONALITY QUIZ

 **Fur, whiskers, scales, wings** – this **special pets issue** has 'em all. The next eight pages are crammed with **silly pet tricks**, **weird-but-true dog** and **cat facts**, and behind-the-scenes **tales** from **human animal helpers**.

But first, take this fun **personality quiz** to see which type of pet you're most like. Sit, stay and play!







YOUR RESULTS

You're a dog! Dogs are arguably the **friendliest pets**. Like dogs, you love **meeting new people** and spending time with your very best humans, er, **friends**. You enjoy being the **centre of attention** but are happy to share the spotlight, too.

If these descriptions don't match your personality, don't worry. The questions are just for fun.



You're a fish! Pet **fish** are **independent** and mostly **low-maintenance** – they don't need lots of **attention**, and neither do you. But you're not afraid to **speak up for yourself** and **others** when necessary, even if it means **confronting someone in charge**.



You're a hamster! Hamsters may be **small**, but their **snuggly personalities** make them big **favourites**. You make an **impression**, too. Most likely to run for **head boy** or **head girl**, you're **confident** in your ability to **lead others**. That doesn't mean you're super serious, though. You're up for **adventure** and taking an **unfamiliar path**.



You're a cat! These popular pets might seem **quiet**, but that's what makes them **good listeners** – and **so are you**. Your friends appreciate how **attentive** you are. You're also the **smarty-pants** in your group of mates, quick to **answer questions** and **share trivia**.



You're an insect! A lot of **bugs** are **team players** (hi, **ant colonies**!), just like you. Your **loyalty** makes you excellent **BFF material**. You work well with others and frequently perform **thoughtful acts** for family members and friends.

Turn over to meet some of the world's most **talented** pets!

Pet

SPECIAL!

EASY
PEASY!



Llama loves to leap

Porthmadog, Wales

1

Caspa the llama's not good at watching – he prefers to be **part of the action!** "He saw our dogs **jump over hurdles**," owner and dog trainer **Sue Williams** says. "Then I heard him make a **humming noise**, which llamas do sometimes when they're **not impressed**. It was as if he was thinking, 'I can do better than that!'" So Sue decided to use her **dog training skills** to help teach **Caspa** how to jump over bars, too. With a lot of practice – and some **tasty carrots** as rewards – Caspa eventually cleared a hurdle **over a metre tall**. "He's an absolute **show-off**," laughs Sue. *Li-amazing!*

A baby llama
is called a **cria**
(say 'kree-uh').

BUNNIES
LOVE
PLAYING
BALL!

2

Rabbit plays basketball

Los Angeles, USA

Before he goes to bed at night, **Bini** the **Holland Lop** tries to make a **slam dunk**. And if the rabbit misses, he grabs the rebound and tries again. "He won't go to sleep until he makes a basket," says owner **Shai Lighter**. Bini started **shooting hoops** on his own – sort of! One night, Shai saw the little bunny dropping the same ball **inside a box** over and over again. So he bought him a **miniature basketball hoop** and rewarded Bini for any slam dunks he made with his **favourite treat**. Now, as well as playing basketball, Bini enjoys **helping Shai with chores**. "He loves using his mini-vacuum cleaner!" Shai says.

BINI THE BVN



Most
Holland lops
enjoy playing
with cat toys!

Pug rides on skateboard

Washington, D.C., USA

Jumping on his **skateboard**, **Mr. Butts** pushes off with a paw, then zips past his favourite bakery. "There's a slight chance he'll be distracted by a pastry," owner **Justin Siemaszko** says. But if he's not, the pup is usually **rewarded with bread** after he shows off some sweet boarding moves. And he'll **sneeze** to let his owners know he hasn't had his baked treats **fast enough** after hopping off his board. "The **bigger** the sneeze, the bigger his **disapproval**," Justin says.

To train for the trick, Justin and his wife, **Beth**, first taught Mr. Butts to **sit and stay** on a skateboard while it **wasn't moving**. Later, they upped the difficulty by making the **skateboard roll** when two of the pug's feet were **resting** on it. "Once he could **push off** successfully, Mr. Butts started boarding by himself," Justin says. Sounds like **skateboarding** is the *paw-fect* hobby for this **sporty pooch**!

THIS IS
JUST HOW
I ROLL!

Some pugs
in ancient
China had their
own mini-
palaces and
bodyguards!





Watson (top left)
watches as Keys
performs her
signature move

YEAH, YEAH.
WHATEVER!

BOW
BEFORE
YOUR ONE
TRUE
RULER!

4

Cat strikes pose

Dana Point, USA

Aaand... *stretch!* Why is this cat putting her front **paws up** in the air like she's doing a **yoga move**?! Because she's excited about lapping up a little yummy **coconut oil**! **Keys the cat** first stood on her hind legs and placed both her paws **in the air** a few years ago when she was trying to get her owner out of bed. **Peter Mares** thought the move was **so cute** that he gave Keys a little bit of coconut oil as a **treat** – and the cat's been doing the move **ever since**!

A cat
usually has
up to 12
whiskers on
each side of
its face.



I BET
THIS WILL
BE WORTH
MILLIONS
ONE DAY!

Pigs
prefer to sleep
nose-to-nose.



I'M
BASICALLY
FLYING. NO
BIG DEAL!

A guinea pig's
teeth never
stop
growing.

Guinea pig clears hurdles

Austin, USA

Rolly the **guinea pig** jumps like a **champion show pony**. But, unlike a pony, she leaps over little bars stuck into **toilet-roll tubes** – and sometimes **squeaks** as she jumps! Owner **Malia Canann** taught her pet the **trick** by encouraging Rolly to follow bits of lettuce over small hurdles she placed **close to the ground**. And as Rolly trained, Malia **increased the height** of the hurdles – now Rolly's jumps are as high as a toilet-roll tube! Rolly is 'paid' post-jump with **tasty treats**. If they don't come fast enough, she'll **nudge** her owner's foot with her **nose** as if to say, "Hurry up!"

Pig makes art

Franschhoek, South Africa

Pigcasso the **450-kg rescue pig** doesn't take her art too seriously – she prefers to **dance** while she paints! "She tosses her head and **flaps her ears**," says **Joanne Lefson**, the founder of **Farm Sanctuary SA**, where Pigcasso lives. The pig first learned to paint after she picked up a **stray paintbrush** with her mouth. Noticing the pig's fascination, Joanne **set up a canvas** and put some paint on a brush to see what Pigcasso would do. "She **started painting almost right away**," Joanne says. When art time is over, Pigcasso dramatically **tosses her brush into the air** – and that's not the only unusual thing the **porky painter** does... "When each painting is finished, Pigcasso dips her nose in **beetroot ink** and '**signs**' her artwork for a finishing touch!"

5

6

Pet

SPECIAL!

DARE TO EXPLORE

Find out how three Nat Geo superstars are working to save animals...

"I believe that every pet has the right to a good life."

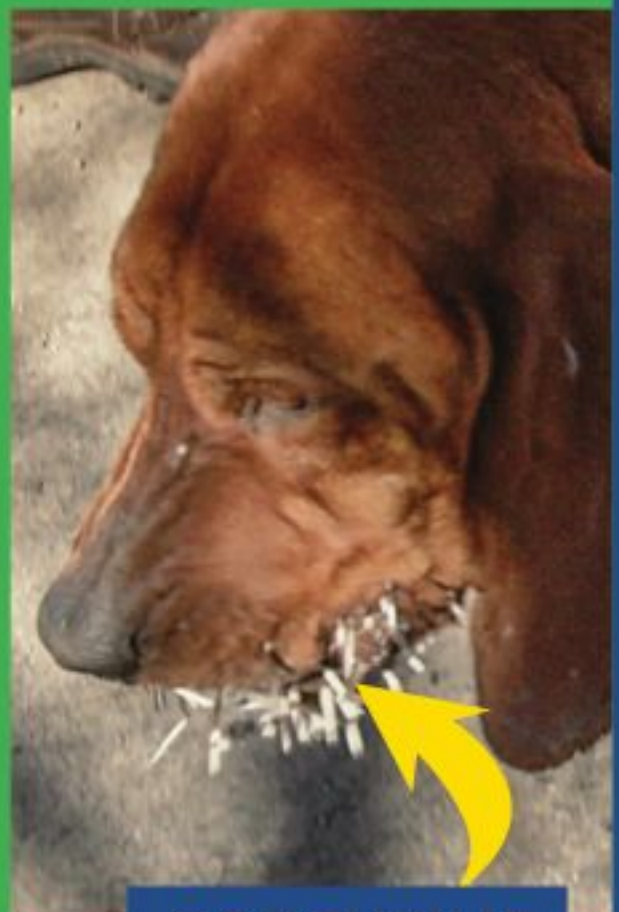


Dr. Pol treats just about anything – from horses and dogs to hedgehogs!

THE VETERINARIAN

Jan Pol has helped nearly **500,000 animal patients** in his **50 years** as a **vet**. Here he recalls two **supercute tales** – about a pair of injured hounds and a sick kitten...

"Dogs will chase anything that moves – including **porcupines**! One time two **coonhounds** came into the vet clinic with **hundreds of porcupine quills** stuck in their muzzles. Ouch! We had to remove the **pointy spines** or they could cause an infection that would make the dogs sick. So we sedated the pups and **plucked** the quills out one by one. They went back to their owner **just fine**, but dogs never learn their lesson – next time they meet a porcupine, I'm sure they'll be back!"



PORCUPINE QUILLS

"Another time, a family brought in a **stray kitten** with a very **infected eye**. The family didn't want to give up on the kitten, and I didn't either. But I wasn't sure what was wrong until I **started the surgery**.

"I almost couldn't believe it – a huge **insect larva** was growing in the kitten's eye! We had to remove **the eye**, but the kitten was completely **fine without it**. Even better – the stray kitten **found a home** with the family who brought it in!"

WANT TO BE A VETERINARIAN?

STUDY Maths and biology
WATCH *Vet on the Hill* (All 4)
READ *All Creatures Great and Small* by James Herriot

Shannon prepares to photograph a fisherman in the Banda Sea off Indonesia

86% of saltwater aquarium fish are caught in Southeast Asia

"We want to learn where aquarium fish come from and how they make their way across the world and into peoples' homes."

BLUE TANG

WANT TO BE A PET TRADE INVESTIGATOR?

STUDY Photography and journalism

WATCH *Blue Planet* and *Human Planet*

READ *Ocean Country* by Liz Cunningham

THE PET TRADE INVESTIGATOR

Photojournalist and marine social ecologist Shannon Switzer Swanson investigates how fish go from the coral reef to the pet shop. She hopes that if people know more about the aquarium pet trade they'll make better decisions when looking for a pet fish, helping protect both the fish and the people who catch them. Below she describes a close call while watching a fisherman at work...

"I was in Indonesia, diving with a man who supports his family by catching fish for the pet trade. I watched him catch a blue tang [which only earned him about 80p] while we breathed through long tubes attached to an air compressor on the boat above. After a few minutes in the water, I suddenly

couldn't breathe – the air had stopped flowing through the line! Luckily I'd gone through scuba training, so I tried not to panic as I remembered what to do. I had to slowly exhale as I came to the surface to avoid getting sick.

"It made me realise that these fishermen put their lives

at risk every day – and they do it because they don't have a better option to earn a living.

I hope people will start being more careful when they purchase an aquarium fish – asking stores how the fish was caught. I want them to be willing to pay more for one that was caught sustainably."

ECO-FRIENDLY FISH

Looking for a new addition to your aquarium?

Use these tips to do it sustainably!

- First, ask for fish that were bred in captivity instead of ones that were taken from the wild.

- If the fish you're after can't be raised in captivity, buy from people who know how the fish got from the ocean to the store – for instance, if the pet is 'certified cyanide free' and has not been caught using poison.

- To create a healthy home for your fish, look for artificial reef rock that can be combined with captive-raised live coral to keep your wet pets happy!

THE WILDLIFE PROTECTOR

Conservationist Rosamira Guillen works to protect cotton-headed tamarins (also called cotton tops) from habitat destruction and the illegal pet trade. These monkeys can only be found in northwestern Colombia, a country in South America, and here Rosamira describes watching them in the wild...

After 15 minutes the parents decided they'd had enough, so they scooped him up and moved on.

"We want people to understand that cotton tops aren't pets – they need to be in the wild with their families. So my organisation educates people in the local community and asks them to take a pledge not to have a monkey as a pet. Only about 7,000 cotton tops remain in the forest, but I have hope that we can protect these animals and keep them in the wild where they belong!"

"I was following some cotton tops through the forest when I spotted a family of them. The mum and dad were trying to teach a ten-week-old baby how to jump – the parents and siblings were on one branch, and the baby was on another. But the baby didn't want to learn that day – it was crying like a little kid. You could tell it was saying, 'No! Just carry me!'"

WANT TO BE A WILDLIFE PROTECTOR?

STUDY Natural sciences and environmental sciences

WATCH The documentary *Colombia: Wild Magic* (Netflix)

READ *Gorillas in the Mist* by Dian Fossey

COTTON TOP

Rosamira observes a cotton-headed tamarin in Colombia

"I love that cotton tops have cool hair and a cool attitude."

Pet
SPECIAL!

CAT & DOG



Cats can
ROTATE
THEIR EARS
180
DEGREES.

They also have
WHISKERS
on their elbows
to help them
SENSE AND
CATCH
PREY.



Cats can see up to
EIGHT
TIMES
BETTER IN THE
DARK
than humans can.

Their
WHISKERS
HELP THEM JUDGE
if a space is large enough for
them to squeeze through.

Main cat image © Getty Images UK; Cat with paw in air © CaoWei / Getty Images; Cat eyes © Greenery / Shutterstock; Main dog © TheDogPhotographer / Getty Images; Dalmatian © Celig / Shutterstock; Glass of water © Andrey Kuzmin / Shutterstock; Bulldog © Willee Cole Photography / Shutterstock.

DOG SUPER SENSES



Dogs **smell** separately with **each nostril**, helping them figure out where **smells are coming from**.

They can **hear sounds** four times further away than humans can.

They have **special taste buds** specifically devoted to **water**.



Dogs' **entire bodies** are covered with **touch-sensitive nerve endings**.

BELLY RUBS, PLEASE!



Pokémon

TRADING CARD GAME

SWORD & SHIELD

Get your **Poké Balls** at the ready and prepare to start an **epic new journey** in the **Galar region**!

In this latest expansion of the beloved **Trading Card Game**, you'll get to battle with old favourite Pokémon such as sleepy **Snorlax** and water-type **Lapras** in their exciting new **Galarian** forms. You'll also meet

Catch up with a new generation in the **Pokémon Trading Card Game: Sword & Shield expansion**.

dozens of powerful new **Pokémon V** – including the legendary **Zacian** and **Zamazenta**. Some of the Pokémon can evolve into enormous Pokémon **VMAX** to pack even more power, too. Whoa!

With over **200 new cards** across **three theme decks** (**Rillaboom**, **Cinderace** and **Inteleon**), this **Sword & Shield expansion** is perfect for helping you on your quest to become the very best!



OUT NOW!



Battle with **Snorlax** in its powerful new **VMAX** form

Meet the super-cute new Partner Pokémon – **Grookey**, **Scorbunny** and **Sobble**.



CATCH 'EM ALL

We've hidden **eight** Pokémon terms in this tricky wordsearch. See if you can catch 'em all!

- ZACIAN
- ZAMAZENTA
- POKÉMON V
- VMAX
- GALAR
- SNORLAX
- POKÉ BALLS
- LAPRAS

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



THE LIFE OF QUEEN VICTORIA IN UNDER A MINUTE

This month, NG KiDS' time-travelling mouse, Max, visits Queen Victoria...

We've only got one minute! Hop to it!



Born 24 May 1819, Victoria became Queen on 20 June 1837, aged only 18, after her uncle William IV left no heirs.

Ma'am, I'm afraid your uncle, the King, has passed away.

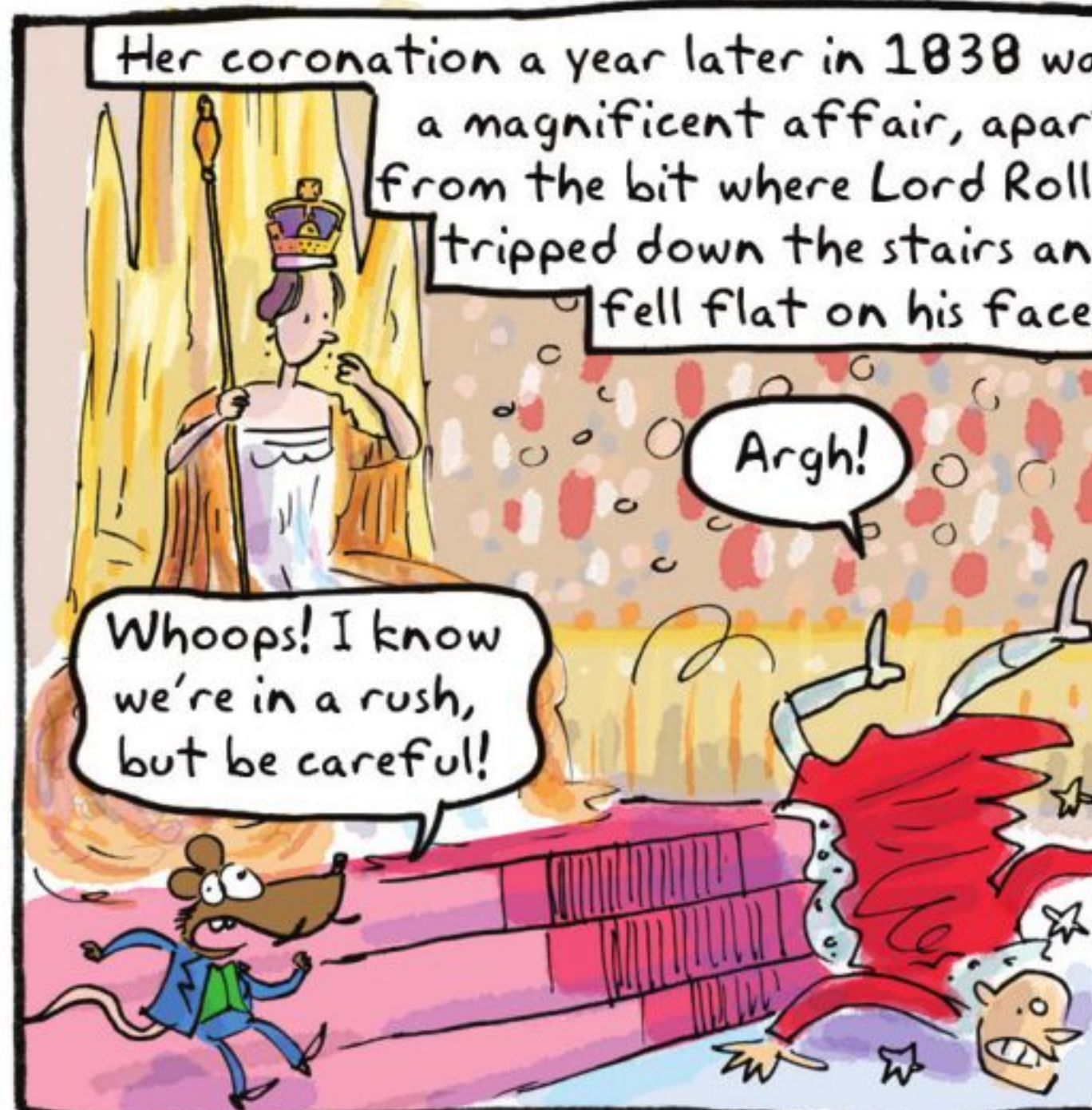
Come on! We haven't got long!



Her coronation a year later in 1838 was a magnificent affair, apart from the bit where Lord Rollo tripped down the stairs and fell flat on his face!

Argh!

Whoops! I know we're in a rush, but be careful!



It wasn't too long before Victoria fell in love with Prince Albert From Saxe-Coburg-Gotha, in Germany. They married in February 1840.

Are you sure he's the one for me?

Yes! Yes!

He's brilliant! Come on, we've only got 40 seconds left!



Within 10 months they had their first child, Princess Victoria Adelaide. They went on to have nine children in total.

Do I have time to have any more?

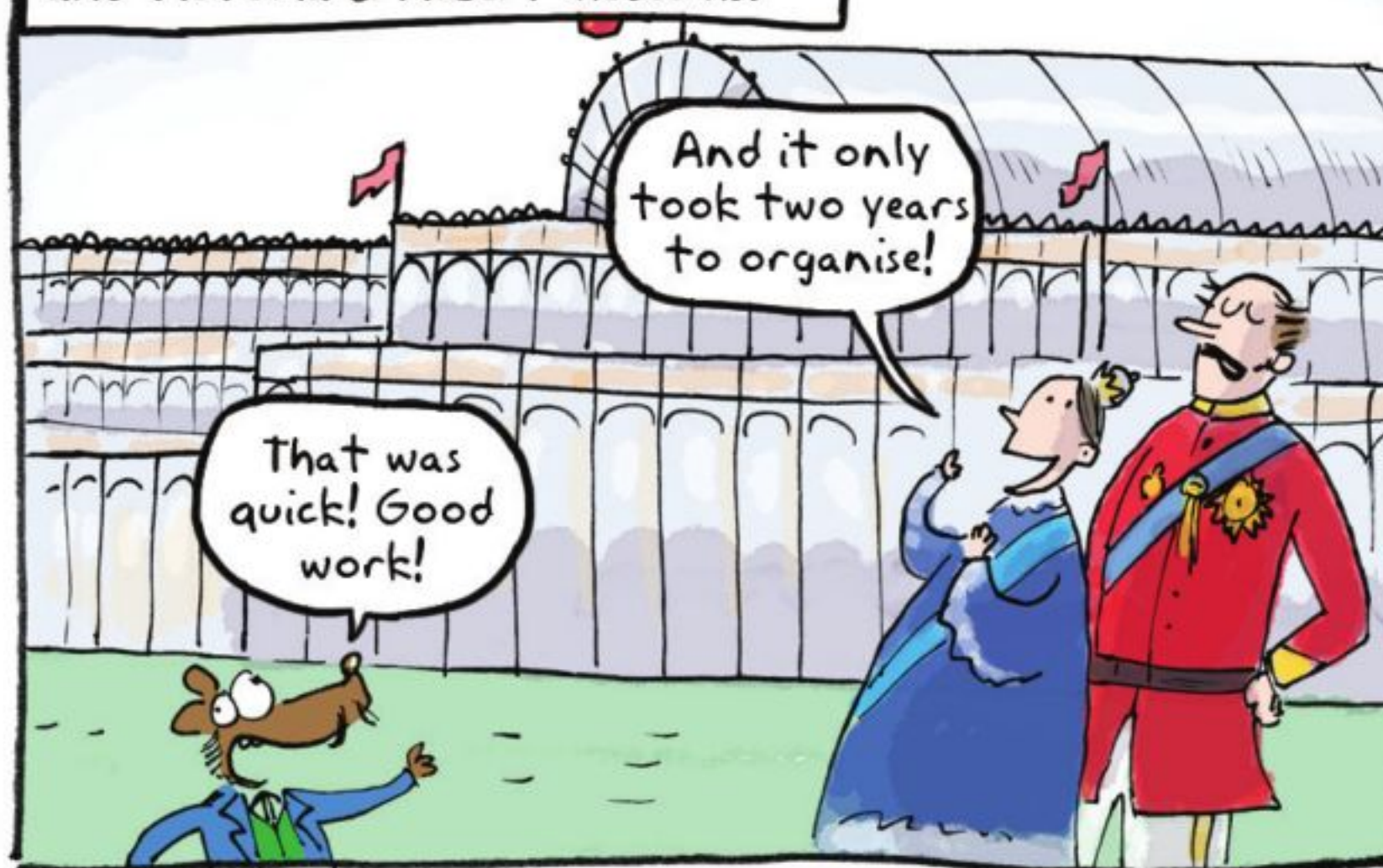
Er... probably not.



In 1851, Prince Albert helped arrange a grand exhibition to show off modern industry in a massive 'Crystal Palace'. It was a great success and put Victorian Britain on the map. The profits were used to build the Natural History and Victoria & Albert museums.

And it only took two years to organise!

That was quick! Good work!



In December 1861, Albert died from Typhoid and Victoria was overcome with grief. She withdrew from public life.

Boo hoo!

How long do you think she'll hide away?

Ten years, sir.

TEN YEARS?!



Victoria would spend long periods in her Scottish home, Balmoral. She struck up a friendship with her servant, John Brown. Society disapproved!

Ooh! It's an outrage!



In 1871, Victoria gradually moved back into public life. She was the victim of many assassination attempts.

Never fear, Your Majesty, none of them loaded their guns properly. *

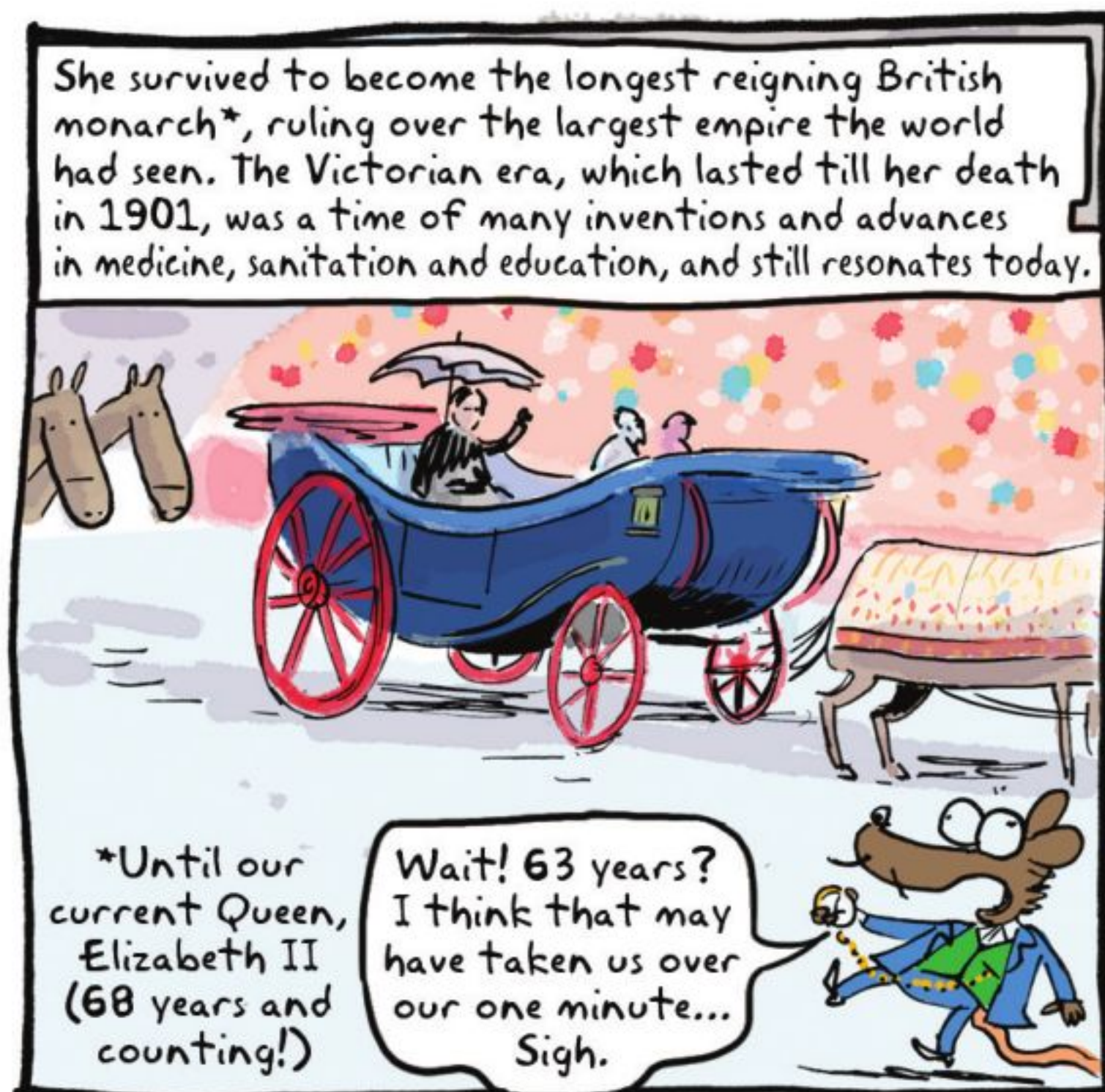
*True fact



She survived to become the longest reigning British monarch*, ruling over the largest empire the world had seen. The Victorian era, which lasted till her death in 1901, was a time of many inventions and advances in medicine, sanitation and education, and still resonates today.

*Until our current Queen, Elizabeth II (68 years and counting!)

Wait! 63 years? I think that may have taken us over our one minute... Sigh.



CLOUDBURST

Prepare for a thrill-ride through Central Africa in this gripping environmental adventure!

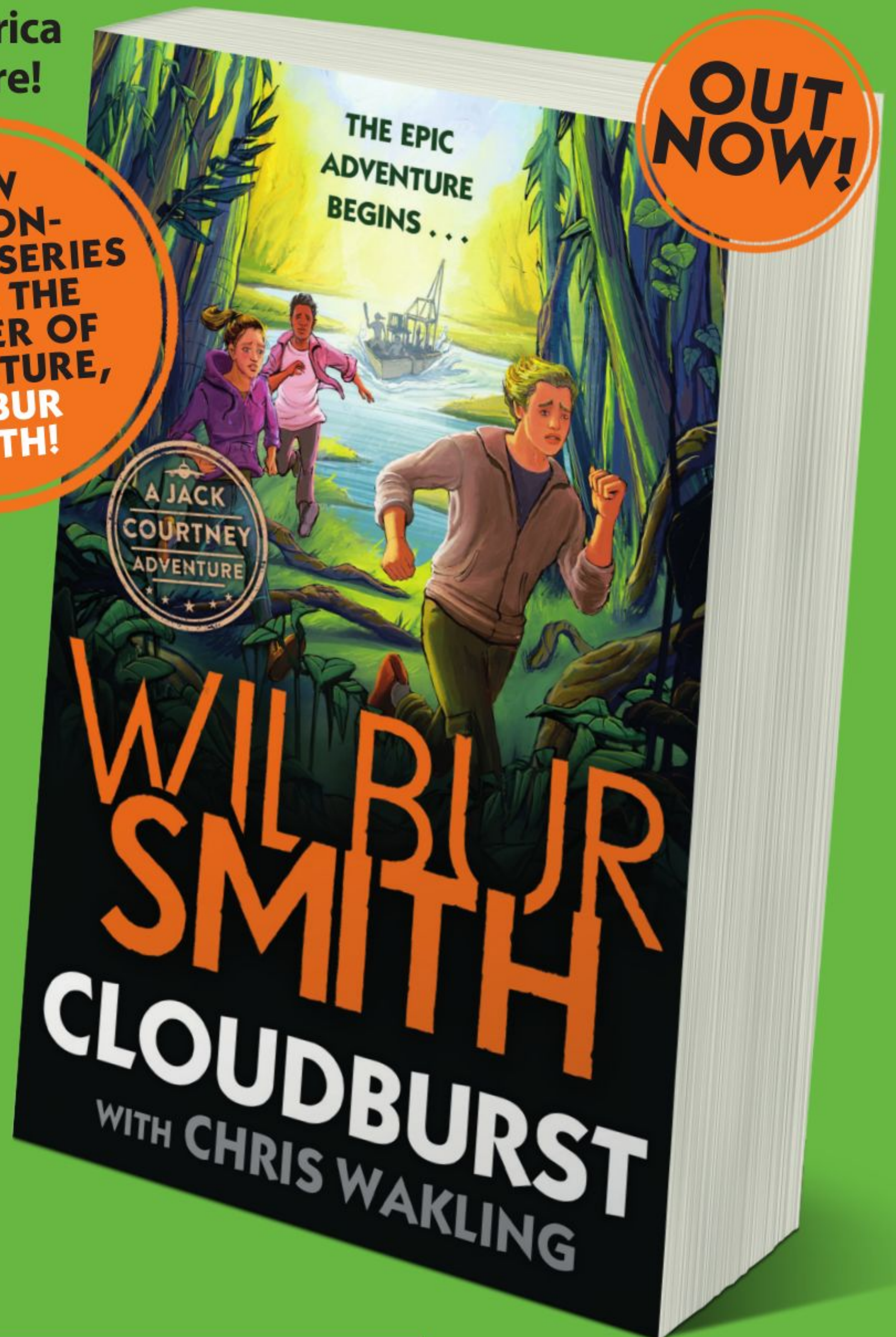
Fourteen year-old Jack is the youngest member of the **Courtney family**. He's lived in the **UK** his whole life, but this summer his parents are travelling to the **Democratic Republic of the Congo** for an **environmental conference**, and they've promised to take Jack and his friends with them. Cool!

When his parents go **missing**, nobody seems to have any answers, but Jack's sure that it's got something to do with the nearby **tantalum mines**...

Can Jack keep his wits about him and work with his best friends **Amelia** and **Xander** to save his parents – and his own life, too?!

NEW
ACTION-
PACKED SERIES
FROM THE
MASTER OF
ADVENTURE,
**WILBUR
SMITH!**

**OUT
NOW!**



WHO'S WHO?

Meet the main characters in this exciting new read!



JACK COURTNEY

Brave and headstrong, Jack worries that his **father blames him** for the **death** of his elder brother **Mark**, and he's determined to make amends.

AMELIA PIPER

Hyper-intelligent, direct and a tad **socially awkward**, **Amelia** is above all loyal to Jack Courtney, who she's known since they were **babies** on the same maternity ward.

XANDER ADEBAYO

Easy-going, perceptive and **charismatic**, **Xander** is **half Nigerian**, good with **tech**, and Jack Courtney's **closest schoolfriend**.

WIN!

BOOKS & GO APE VOUCHERS!

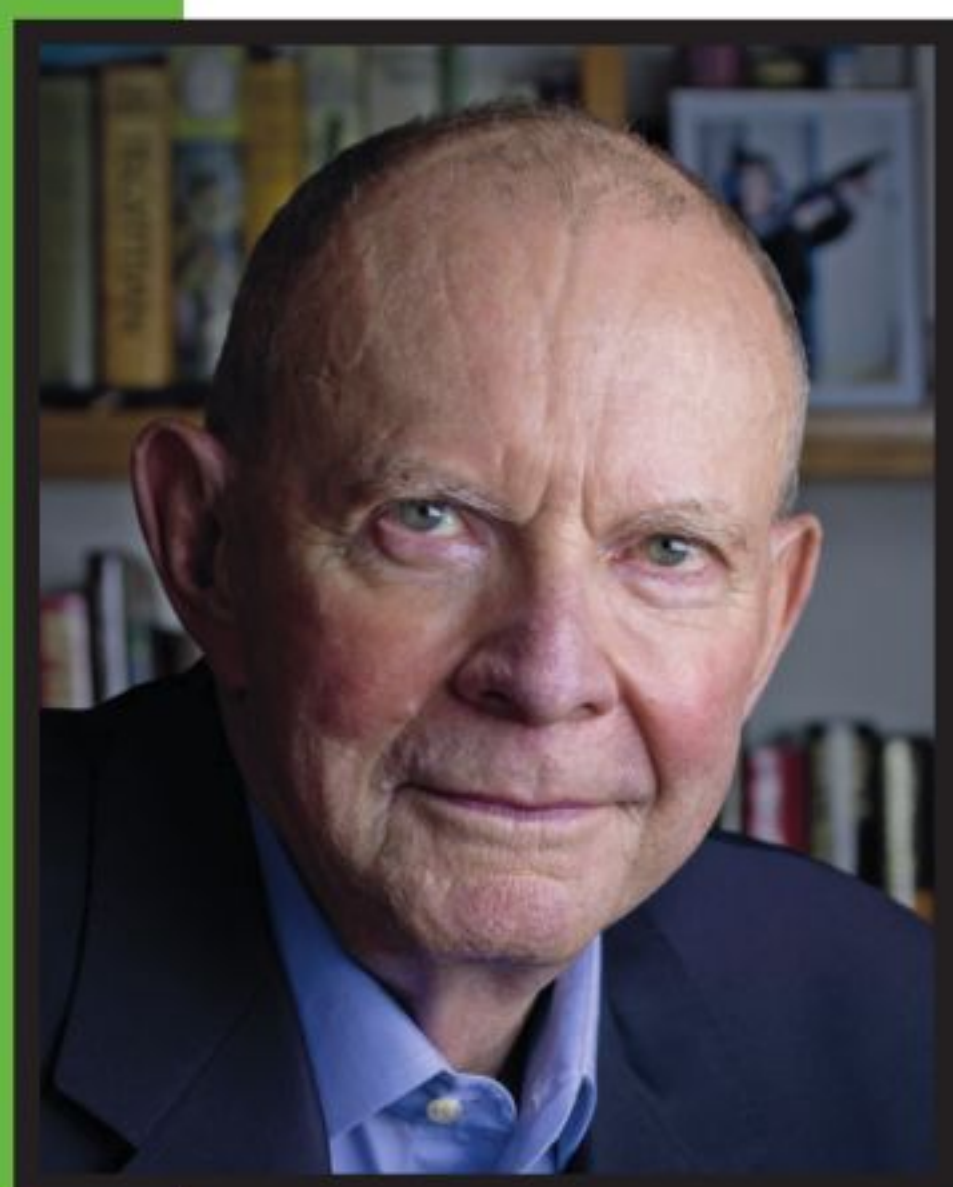


Cloudburst's publishers **Piccadilly Press** have teamed up with **Go Ape** to give away an awesome prize. **One** lucky winner will scoop a copy of *Cloudburst* plus a **family voucher** to visit **Go Ape** for a real-life adventure! **Ten runners-up** will receive a copy of the book.

Piccadilly
PRESS

AUTHOR CHATS!

The master of adventure novels, Wilbur Smith teamed up with top travel writer Chris Wakling to write this cool new series. We asked them about their brill book!



Hi Wilbur! Your hero Jack is the youngest member of the Courtney family who you've been writing about for a long time. Can you tell us about that?

The fictional **Courtney family** appeared in my first novel, *When the Lion Feeds*, first published in **1964**. Since then the Courtneys have become the **longest-running family** saga in publishing history, spanning over **20 books** and more than **50 years**.

Wow! You're best known as an author of adult books and have sold 130 million copies

worldwide. Why did you decide to write for children?

I was **inspired** by what **young people** are doing to **question what is happening** with the **environment**. It felt like a good idea to try to **speak directly to them** through my characters and my writing.

Why do you think adventures are important?

Having an **adventure** is the only way you are certain to **learn something about yourself** and **your world** at the same time. If that is not available to you, then **reading adventure stories** may broaden your horizons in unexpected ways!

What are you hoping that readers will take away from reading the book?

I hope they will **learn something about Africa**, about the **cruelty** and **kindness** of **mankind**, the **beauty of nature** and **wildlife**, and discover something about **themselves** in the process.



Hi Chris! What was it like writing a book with the famous Wilbur Smith?!

I've only ever written books **on my own** before – it's a **lonely** process. So working with Wilbur is **great, collaborative fun**. We **brainstorm ideas** and bat drafts back and forth. Wilbur is the master at **ratcheting up tension**. He sharpens the story and I make it sing! **What kind of research did you do?**

Lots! I read up on '**resource wars**' in the **Democratic Republic of the Congo** (where the book is set), and learned how **tantalum** – the stuff used to make our **mobile phones** – is **dug by hand** from African mines. I also interviewed a **BBC expert** on **mountain gorillas**, and watched some **amazing wildlife films** (a tough job but somebody's got to do it!).

You also work as a travel writer. Have you been on any real-life adventures?

I've **dived with sharks** in **Australia**, **narrowly avoided being kidnapped** in **Kashmir** [a region divided between three countries – **India, Pakistan** and **China**] and **slept in a tent surrounded by lions** in **Kenya, Africa**. I've also **eaten fire-ants** in **Puerto Rico** [an island in the **Caribbean**.] They taste **peppery** and you have to chew them quickly.

Yikes! What are you hoping that readers will take away from reading the book?

A sense of **excitement**, **affection** for **Jack** and his friends, and a **burning desire** to read their next adventure, which, spoiler alert, is called **THUNDERBOLT**.

FAMILY QUIZ!

Cloudburst is set in the Democratic Republic of the Congo (DRC). The **second largest country** in Africa, over the years it's been plagued by **colonialism, conflict** and **corruption**. Take this test to find out how much you and your family know about the Central African country...



1

What is the official language of the DRC?

a) Swahili b) Spanish c) French

2

Half the world's mountain gorillas live in the DRC. How many are found there?

a) 3 b) Around 300 c) Around 30,000

3

What should you do if a gorilla charges at you?

a) Scream b) Call 999
c) Stay calm and quiet, crouch down and avoid eye contact



4

What is the DRC's Congo River known for?

a) Being the world's deepest river
b) Its pink water c) Flowing underground

5

Tantalum is one of the many minerals mined in DRC. Which of the following ISN'T it used in?

a) Mobile phones b) Surgical implants
c) Vegan food

Answers
at bottom
of page

Closing
date
28 May



Enter at natgeokids.com/uk/cloudburst

WORLD EXCLUSIVE
4 APRIL - 2 SEPT

PLUS an incredible range of
exotic & endangered species
across 140 acres of parkland.

SUPERSIZED!

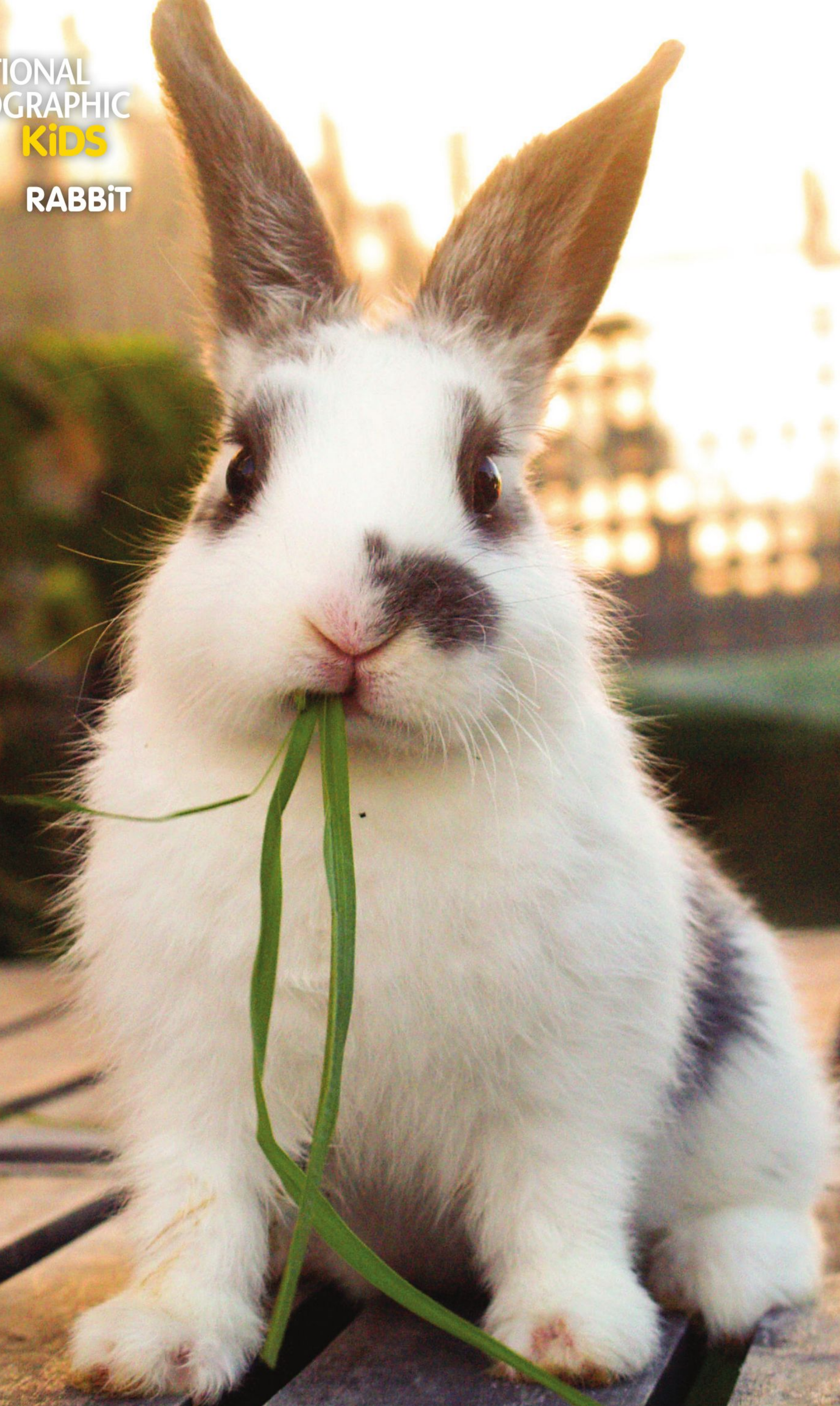
AN **ASTONISHING** LARGER THAN LIFE **BRICK** ADVENTURE

Book online at marwell.org.uk

Marwell Zoo is owned & operated by
Marwell Wildlife, reg. charity no. 275433.
Winchester, Hampshire SO21 1JH.

HAMSTER







 NATIONAL
GEOGRAPHIC
KIDS

CAT









 NATIONAL
GEOGRAPHIC
KIDS

BOLONKA ZWETNA



From £4
a month

DO YOU KNOW SOMEONE WHO LOVES ORCAS?

ADOPTING AN ORCA HELPS PROTECT THEIR FUTURE...

Orcas are amazing but too many are dying. Poisoned by polluted seas. Accidentally caught in fishing nets. Some are even taken into captivity. **By adopting an orca with Whale and Dolphin Conservation you can help us give orcas the protection they need to survive.** Your support will help us protect them from activities such as industrial development, fish farming,

logging and pollution. We'll send you your very own adoption pack, including, a personalised certificate with a picture of your adoption whale, a set of fun stickers and a colourful WDC badge. We'll keep you up-to-date on their daily lives through a great quarterly magazine, a monthly e-newsletter and you'll receive an email birthday and Christmas card.



OR

BEND

Bend was a surprise from the time she was born. No one had ever seen an orca quite like her. On the front edge of her dorsal fin was a deep cut and it grew lopsided taking on a comical look of the sorting hat from Harry Potter!

FIFE

Fife is the younger brother of Corky. Tragically, he has never met his sister as she has been held in captivity by SeaWorld. He is quite a character, extremely handsome and easy to recognise by his tall dorsal fin.

HarperCollinsChildren'sBooks
presents

The Princess Rules

Once upon a time, there was a princess who broke all the rules and dared to be different!

Florizella isn't quite like the other **princesses**. They have all studied the **Princess Rules** and follow them exactly. They have **lovely, long golden hair**, their **clothes** are **richly embroidered**, and their **delightful shoes** are **handmade in silk**. But the thought of spending her days like them **bore**s Florizella to

death. Yawn...

Her parents really want her to settle down and **marry** handsome **Prince Bennett**, just like a proper princess would, but **Florizella** has other ideas. So join her on her **exciting adventures** around the kingdom with her **horse, Jellybean!**



Everyone wants **Florizella** to be an ordinary princess, but she'd much rather **wield a sword and fight dragons!**



Prince Bennett isn't sure that he wants to marry **any of the 120 princesses** that he must choose from.



CHOOSE YOUR QUEST!

Florizella and **Bennett** are off on an adventure, and they want **YOU** to come along. Answer these four questions to find out what your epic mission will be...

1

What do you think is a princess's most important job?

- a) Protecting her kingdom from monsters
- b) Taking care of all her citizens
- c) Working with other kingdoms to create a better world

2

Your parents, the king and queen, have locked you in the tower! What do you do?

- a) Climb out of the window and ride away on your horse
- b) Play with your pet dog until they let you out
- c) Pick the lock and run straight to the kitchen

3

What would be your favourite time to ride a horse?

- a) During a race with your best friends
- b) Whenever someone needs you to help them
- c) In the rain – how exciting!

4

What is your favourite thing to do at a party?

- a) Get to know everyone there
- b) Dance with your friends
- c) Eat all the toffee apples and strawberries

ANSWERS

Mostly Bs:

Rescue a pack of wolf cubs!

Mostly Cs:
Find a new home for a giant!

Mostly As:
Battle a dragon!

WIN!

COPIES OF THE BOOK!

We've got **FIVE** copies of *The Princess Rules* to give away, specially signed by the author **Philippa Gregory**! For your chance to win, just tell us how many **golden crowns** are on this page...

Enter at
natgeokids.com
by
30 April!

HELP
TERN
THINGS
AROUND!



ARCTIC TERN

DON'T BE
SEALY...
BE A
HERO!



HAWAIIAN MONK SEAL

CAN YOU
LEND A
HAND?



CHIMPANZEE



EarthDay



HELP US
SAVE
ANIMALS -
TOGETHER

CALLING ALL PLANET PROTECTORS!



That means **you**! You **recycle** every chance you get. You sip through a **reusable straw** instead of a single-use plastic one. And you harass your parents when they don't do the same thing – all to help **protect the Earth** and everything that lives on it. But animals *still* need your help. More than **30,000 species** are threatened with **extinction**, and it's up to all of us to save them.

That's why to celebrate the **50th anniversary** of **Earth Day**, **National Geographic** and **Disney** are protecting **50 at-risk animals**. A few of them are on this page – turn over to meet some others.

Then go **online** to get more information about these creatures, plus tips on how to **help protect endangered species**. We can make a difference when we **save together**!

natgeokids.com/uk/SaveTogether



PHOTOARK
JOEL SARTORE

JUST TRY
SAYING "NO"
TO THIS
FACE!



JAGUAR

On **22 April**, **National Geographic** and **National Geographic WILD** will be running a full day of **Earth Day**-themed programmes, including **Jane Goodall: The Hope** at **8pm!**

LET'S
GET ON
TOP
OF THIS!



KOALAS



SAVE TOGETHER

1



5



6



2



3



4



7



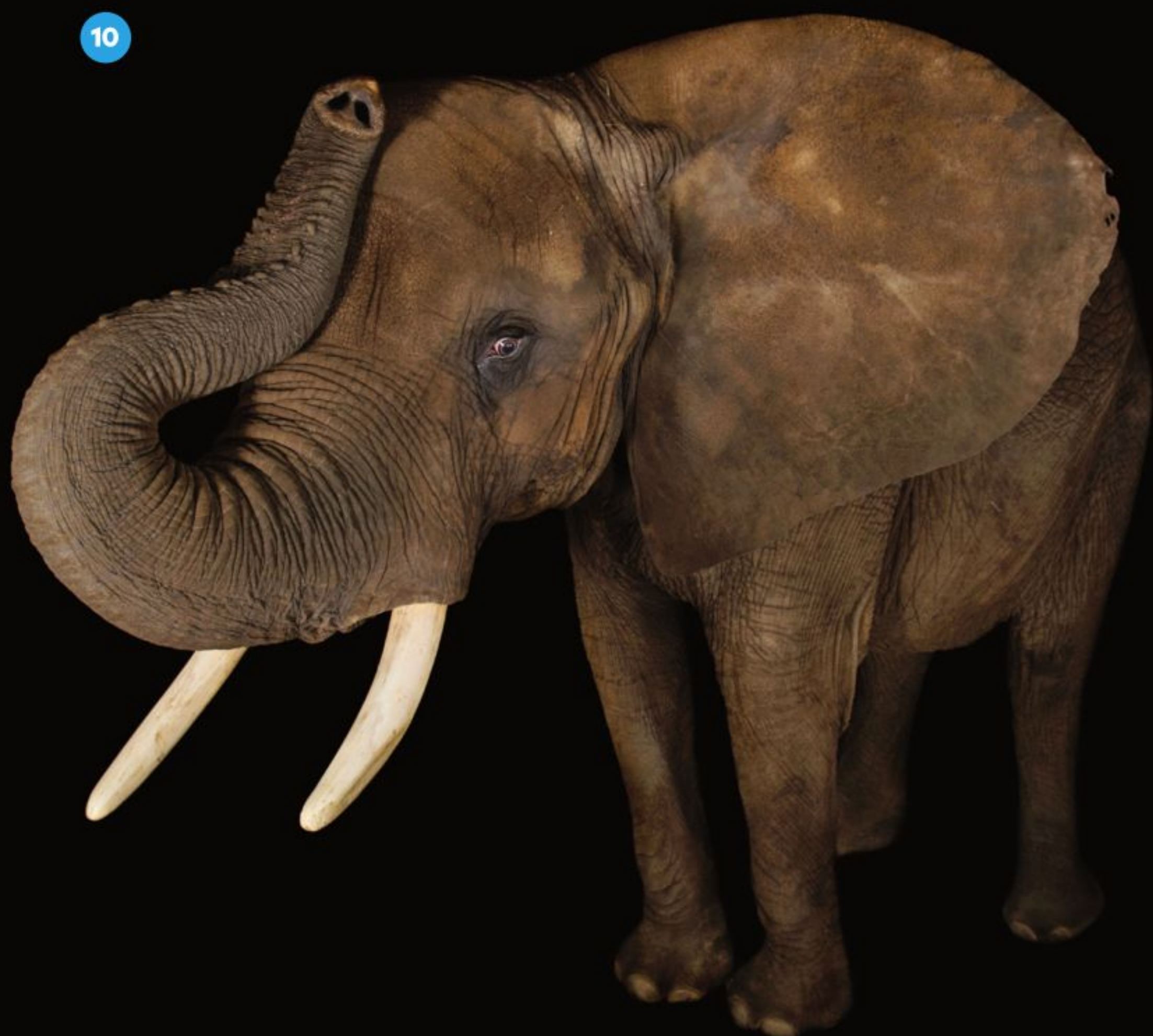
8



9



10



20 ANIMALS THAT NEED YOUR HELP



All the creatures on these pages are important to the **health of their habitats** – and therefore the **planet!** Check out these amazing pictures, taken by **National Geographic** photographer **Joel Sartore** at **zoos** and other safe places around the world. Then turn the page to find out what **YOU** can do to help save animals – on **Earth Day** and **every other day** of the year.

1 Snow leopard

2 Hawksbill sea turtle

3 Southern ground-hornbill

4 Monarch butterfly

5 Blue tang

6 Northern white-cheeked gibbons

7 Gharial

8 European eel

9 Blue-throated macaw

10 African elephant



11



12



13



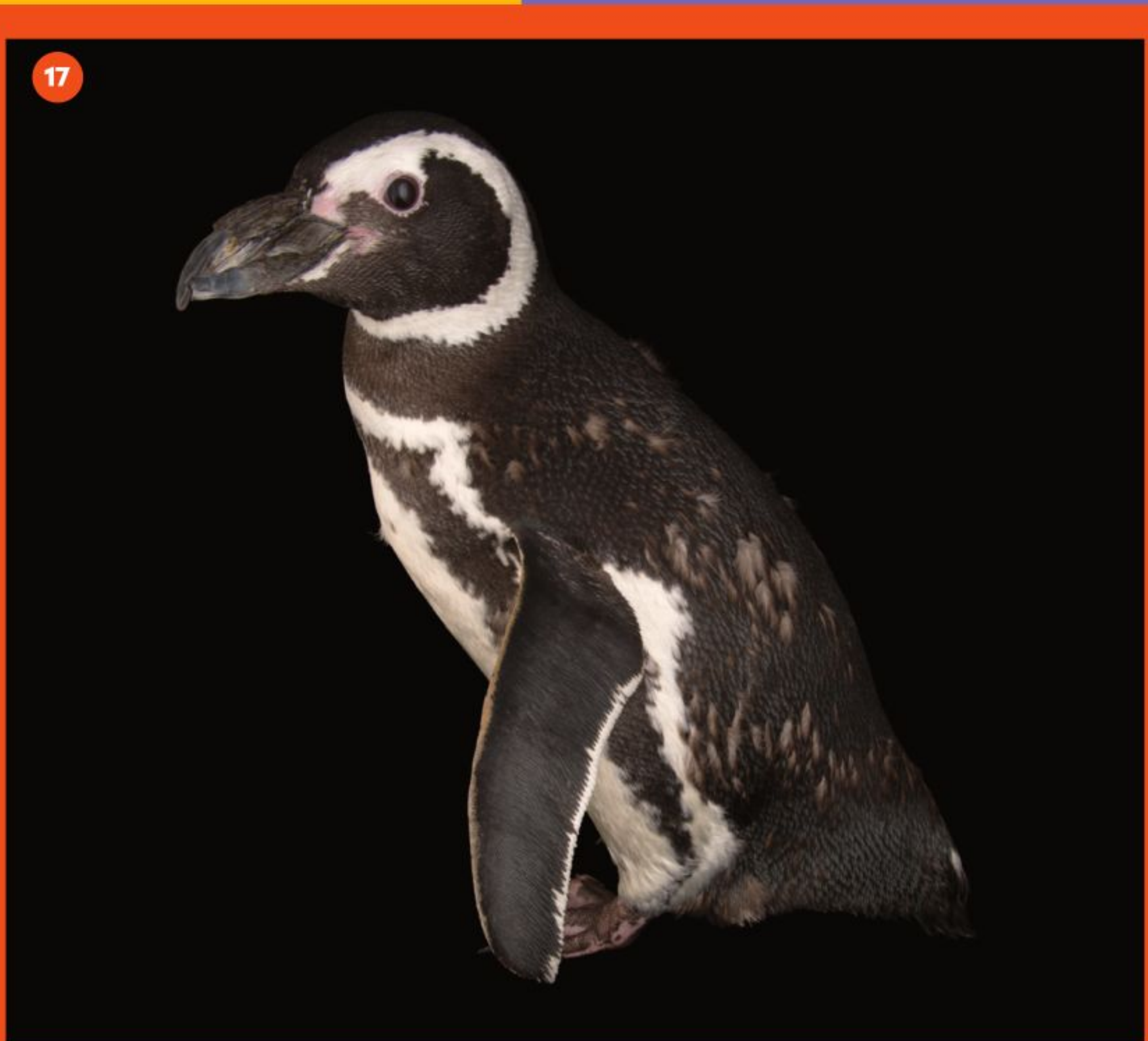
14



15



16



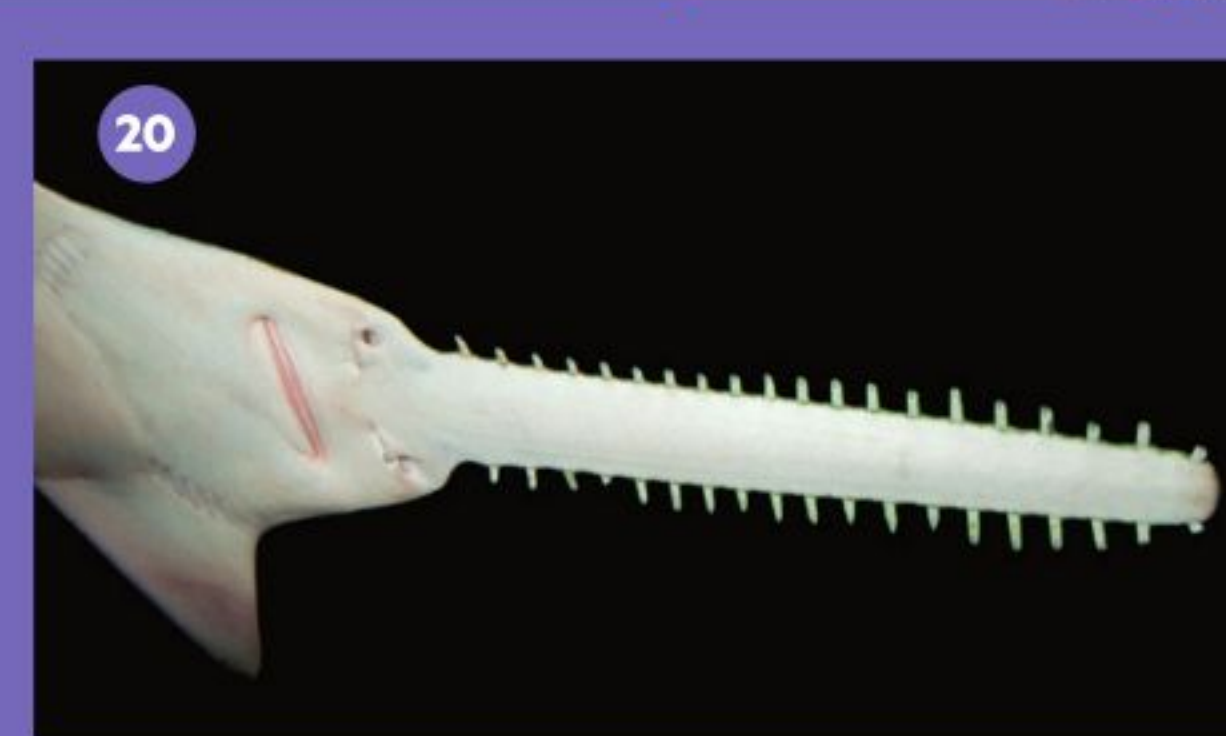
17



18



19



20

11 Grey crowned crane

12 Sumatran tigers

13 Lesser long-nosed bat

14 Sunda pangolin

15 Komodo dragon

16 Volcano rabbit

17 Magellanic penguin

18 Grevy's zebra

19 Cotton-top tamarin

20 Largetooth sawfish

Watch a
documentary
about the **Photo
Ark** on **National
Geographic**
at **7pm** on
22 April!

NATIONAL
GEOGRAPHIC

PHOTOARK
JOEL SARTORE

Photo Ark is a joint project of **National Geographic** and **Joel Sartore**, who is on a mission to take pictures of all **15,000 animal species** living in the world's **zoos** and **wildlife sanctuaries**. For more information, visit joelsartore.com/photo-ark



18

WAYS

YOU CAN HELP

About **one million species** of **plants and animals** are in danger of becoming **extinct** in the next few decades, according to a report from the **United Nations**. But we **still have time to help**. By **working together**, scientists, politicians and **kids like you** can make positive changes.

Have a favourite animal you want to **protect**? Here's how you can help save them!



ELEPHANTS

The world's **largest land mammals** are still poached for their **ivory** despite a ban on the trade.

HOW YOU CAN HELP

Adopt an elephant at **wwf.org.uk** and **never** ever buy trinkets made from **ivory**.

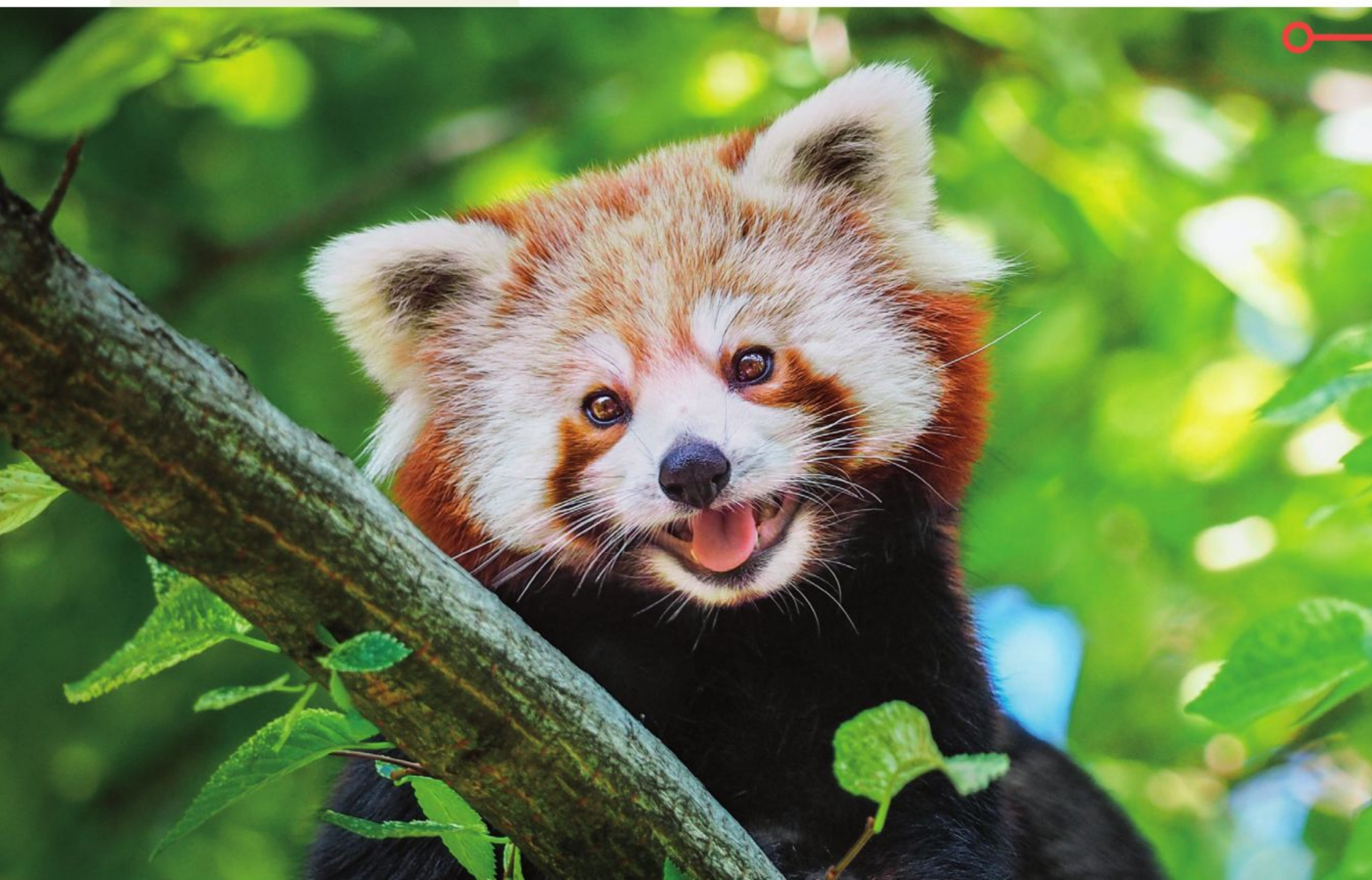


BUTTERFLIES

It's thought **three-quarters** of **British butterflies** are now in decline, with four species going extinct in the last century.

HOW YOU CAN HELP

Plant **buddleia** for butterflies, and let stinging nettles grow for caterpillars to eat. **Avoid pesticides!**



RED PANDAS

Crazy-cute animals like **red pandas**, **slow lorises** and **Asian small-clawed otters** are being **captured from the wild** and **sold illegally** as **pets** – even though these animals **suffer** when they live in people's homes.

HOW YOU CAN HELP

Never purchase an animal that should be **living in the wild** and ask your parents **not** to 'like' **photos** and **videos** of these animals as pets on **social media**.

LIONS

The **African lion** population has **decreased by half** in the past **25 years** because of things like **habitat loss** and **poaching**.

HOW YOU CAN HELP

4

Instead of a birthday gift, ask your friends and family to **donate** to an **organisation** that **protects** your **favourite animal**. Lions certainly need help, but you can pick whatever animal you want!



PANGOLINS

These mammals are poached for their **scales**, which some people think can be used as **medicine**. But just like **rhino horns**, pangolin scales are made of **keratin** – they **don't** have any **medicinal value**.

HOW YOU CAN HELP

5

Many people don't even realise that pangolins exist. So **write a report**, **make a poster** or send a **letter** to your **local newspaper** to let people know that they **need help**.

SEA TURTLES

Floating in the water, **plastic shopping bags** look just like a **leatherback sea turtle's** favourite snack – **jellyfish**.

HOW YOU CAN HELP

6

Say **no** to plastic carrier bags and instead carry a **reusable tote or rucksack**. Have a look at kidsagainstoplastic.co.uk for more tips on how to reduce your plastic use.



Leatherback sea turtle hatchling

GORILLAS

Most **mobile phones** and **computers** contain a **mineral** called **coltan**, which is mined in **gorilla** and **chimpanzee** habitats in **Africa**.

HOW YOU CAN HELP

Coltan can be reused, so always **recycle your tech** to prevent the need for more mining.

7





Basking sharks have been targeted for their oily livers

SHARKS

An estimated **three million sharks** are **killed** each year to harvest their **liver**, which is put into products like **sunscreen**. Others are **unintentionally caught** through **commercial fishing**.

HOW YOU CAN HELP 8

Choose products marked '**cruelty free**' and look for **sustainably sourced seafood** (meaning your meal was **caught** in an eco-friendly way).



Common frog

FROGS

According to a recent survey by the **RSPB**, **frog** numbers are **decreasing** in the UK.

HOW YOU CAN HELP 9

If you've got a garden, think about creating a **simple pond** from an old **washing-up bowl** placed in a **hole** dug in the ground. Fill it with **rainwater** and add stones or bits of wood for access. Buy **pond plants**, too.

SEAHORSES

Chemicals in some **sunscreens** can **kill coral**, the **tiny animals** that create **reefs**. These coral reef ecosystems support thousands of species, including **seahorses**, **blue tang** and **whale sharks**.

HOW YOU CAN HELP 10

Simply slather on sunscreen that's labelled '**reef safe**' next time you hit the beach.



VULTURES

Many of these magnificent **scavengers** are on the edge of extinction. They're often **poisoned by poachers** to stop them drawing attention to **illegal kills**.

HOW YOU CAN HELP 11

Spread the word that **vultures are awesome!** Nature's '**clean-up crews**', these incredible birds prevent the **spread of disease**.



SLOTHS

Parts of the **Amazon rainforest** are being **burned** to **clear land** for **cattle**. This destroys the homes of animals like **sloths**, **anteaters** and **toucans**. The beef is shipped to burger-hungry countries worldwide.

HOW YOU CAN HELP 12

Eating **meatless meals** even **once a week** could help **protect the rainforest** and the animals that live there.



SAVE OUR SEALIFE!



More than eight million tons of plastic ends up in our oceans each year. You can help stop this!

16

Carry a **reusable bottle** filled with **water** from **home** instead of buying **single-use plastic water bottles**. Nearly **one million** plastic bottles are sold **every minute**.



17

Pack your lunch or snacks in **reusable containers** made of **silicone**, **glass** or **metal** instead of single-use plastic bags. Then carry them all in a **reusable lunch bag**.



15

LEARN ABOUT CITES

The **Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES)** is an agreement between the governments of **183 countries** to make sure that the **trade of wild animals** and plants doesn't **threaten their survival**.

Depending on the protection needed, this could mean that **trade is banned** almost completely – for example **ivory** from **elephant tusks** – or there could be **tight controls** surrounding it.

CITES came in to force in **1975** with the UK signing up in **1976**. Currently **35,000** species are listed. Without it, it's likely many more animals would have gone extinct.

Keep learning about CITES, researching how it has helped your favourite animals. Then tell your friends and family what you've discovered. By spreading the word about animals, you're helping to save them!

ORANGUTANS

Some rainforests where **orangutans** live are being destroyed to grow **palm oil trees**. The oil is sometimes used in products such as **peanut butter, chocolate, ice cream** and soap.

HOW YOU CAN HELP

Try to **avoid** items that contain palm oil, or look for a label that confirms it was grown in a way that's **rainforest-friendly**.



TIGERS

Snapping **pics** with a **captive tiger** or **riding an elephant** might *seem* harmless but these animals often **suffer** behind the scenes – and they should be **living in the wild**.

HOW YOU CAN HELP

Don't visit facilities where animals are **chained, performing** for **entertainment**, or interacting with people who aren't keepers. Instead, **watch wild animals** behaving **naturally** from afar.

14

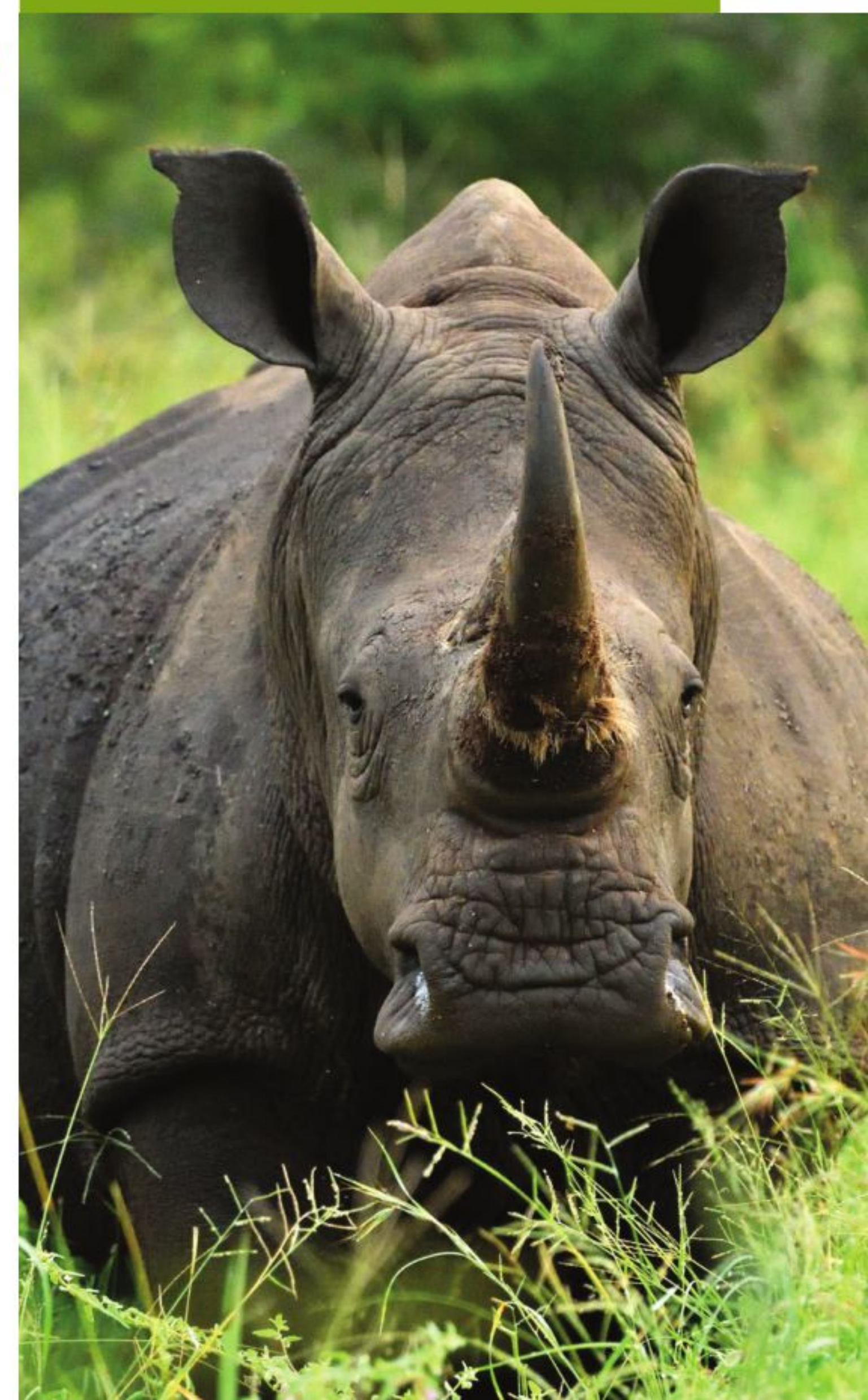


18

Plastic straws and stirrers will be **banned** this April (hooray!) but **plastic cutlery** is still allowed (so far). So carry **reusable cutlery** for picnics and takeaways!



Find a beach clean-up near you at mcsuk.org/beachwatch



THE BIG INTERVIEW

National Geographic Explorer Amy Dickman tells us about working with warriors and 'magic' dogs to save lions!



Name: Amy Dickman
From: Devon
Job: Conservation biologist, author and National Geographic Explorer
Known for: Helping reduce conflict between humans and lions in Eastern Africa

Sadly, there are now half as many lions as there were 25 years ago.

Amy's Ruaha Carnivore Project – ruahacarnivoreproject.com – has grown from just three people to a team of over 70 locals, including 17 warriors and 32 camera trap officers, as well as conflict officers, research assistants and mechanics!

It's going to take all of us to make a difference!

WANT TO BE A BIG CAT CONSERVATIONIST?

Here's Amy's advice...

"You have to be willing to be in **new situations**, meet **new people**, and **understand things** from **somebody else's point of view**! Being **open-minded** is a must.

"I went through the traditional route of studying **zoology** and **biology**, but **conservation** also needs different skills, such as **computer science** or **mechanics**. So work out what your **passion** is and then work out how you can **apply it** to conservation!"

Amy's project is expanding to Selous in southern Tanzania, which has the **biggest lion population** left in the world. She's helped set up **PRIDE**, a network of **six female lion conservationists** and local teams across Africa.

Hi Amy! When did you first become interested in big cats?

I've been hypnotised by them for **as long as I can remember!** As a **small child** I would stare at big cats at the local zoo. There's something beguiling about these **beautiful animals** that are so **powerful** they can **kill you!**

Why are lions important to the world?

From the dawn of human existence they've captured our imagination – there are **cave paintings** of lions from over **30,000 years** ago! Lions symbolise **bravery, wildness, strength** and **courage**, and they're the most **common national animal** in the world. You see them on **flags, sports teams** – everywhere! They're iconic.

You set up the Ruaha Carnivore Project in Tanzania, Africa, to reduce conflict between lions and humans. What's the main cause of this conflict?

For many people in Tanzania, especially those living close to National Parks, their **cattle** are at risk from **lion attacks**. And their cattle aren't *just* **worth money**, they're also really **significant** to people's **social status** – so protecting livestock from lions is **really important**.

Lion killing is a cultural tradition in some tribes, for example the Barabaig tribe in southern Tanzania. Why is that?

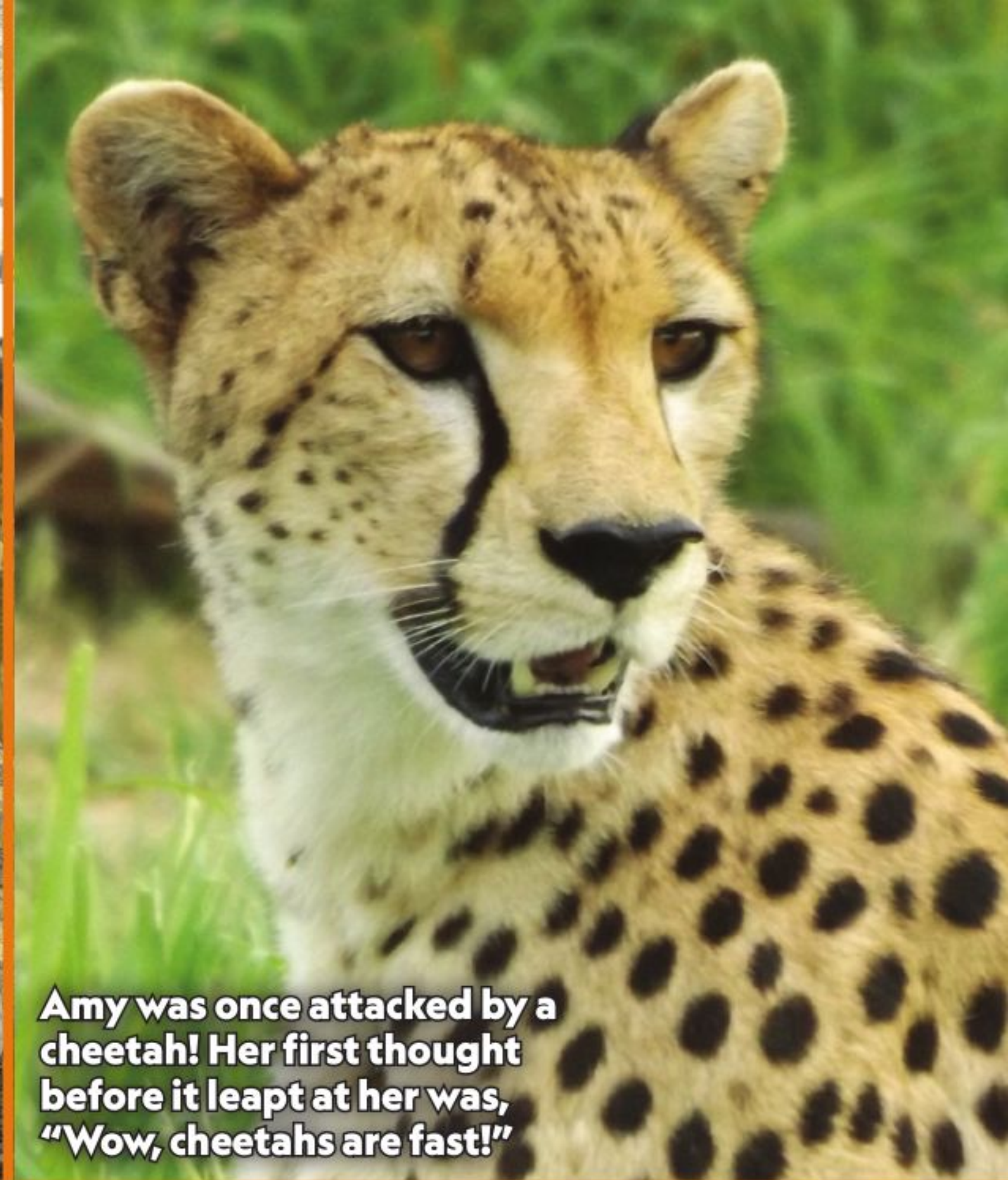
In areas where lions are a major threat to livestock and people, young men – **warriors** – are **rewarded** by the **community** if they **kill lions**. So we talked with them about ways they could still be warriors (**protecting** their **community**, being **strong** and **brave**) but through **conservation** rather than lion killing.

Did it take time for them to trust you?

A **long time!** We spent **two years** out in the bush trying to engage with the **Barabaig**, because we knew there was lots of lion killing, but they wouldn't **talk to us**. That changed one day when we put up **solar panels** and they arrived to **charge** their **phones**. **Technology brought us together!** We explained we weren't trying



Anatolian shepherd dogs are huge enough to chase lions away themselves!



Amy was once attacked by a cheetah! Her first thought before it leapt at her was, "Wow, cheetahs are fast!"

A massive male lion fell asleep on me!

to get them in trouble, we just wanted to **understand why** they were killing lions.

And did the Barabaig decide to work with you after that?

Yes – but then **within a week** they'd killed **seven more lions!** We were really **upset** about it, but realised it was a **test** – they wanted to see if we **valued the lions** more than the **relationship** with the **community**. So we **didn't react**. Sure enough, a week

later they said, "Now we want to work with you." Since then we've joined together with them to prevent over **120 local lion hunts**.

Wow! Many of the lion-killing warriors now work as lion defenders. What does that involve?

Every day, they go out and **track lions**, and if the lions come too close to cattle or people, they'll **chase them** off. They're the guardians of the community. The whole village also look after and monitor the **camera traps** and there's a **reward programme** for animals they see.

How else have you helped protect cattle?

We reinforce livestock enclosures with **wire**, which reduces attacks by over **95%**! We also use specialised livestock guarding dogs from Europe – called **Anatolian shepherd dogs** (see pic, above).

One of the main threats to lions is conflict with humans.

Was working with dogs new for them?

The Barabaig had local village dogs but **nobody knew** you could **train them**. When we suggested it, people thought we were crazy! Then one day, we were at a village meeting and two of our dogs came by. They were getting in the way so I told them to '**sit**' in **Swahili**, and they did. The meeting ground to a halt.

"Where did you get those **magic dogs**?!" they said. "How can they speak **Swahili**?!" The villagers were **amazed** that dogs could **follow people's commands**. And that opened the door to us bringing in guarding dogs. Now the community love them. If the dogs **sense a predator** they **bark to alert** a **herder**, who can **chase the lion away**.

Have YOU ever felt scared of lions?

On my very **first night** working in the bush in the **Ruaha landscape, Tanzania**, I was staying in this **tiny tent** on the floor. I heard a **lion's roar**

that **sounded really close**, but I reminded myself that **roars** can **travel for 8km**, so it was probably not *that* near. But then it roared again, much **louder**. I thought, "I'm getting out of here!" Except then I remembered that if lions can't get **into** a **cattle enclosure**, what they do is go around and around it to **scare** the **cattle** into **breaking out** – and *then* they **attack** them. And I thought, "Be more **intelligent** than a cow, Amy! Don't get out!"

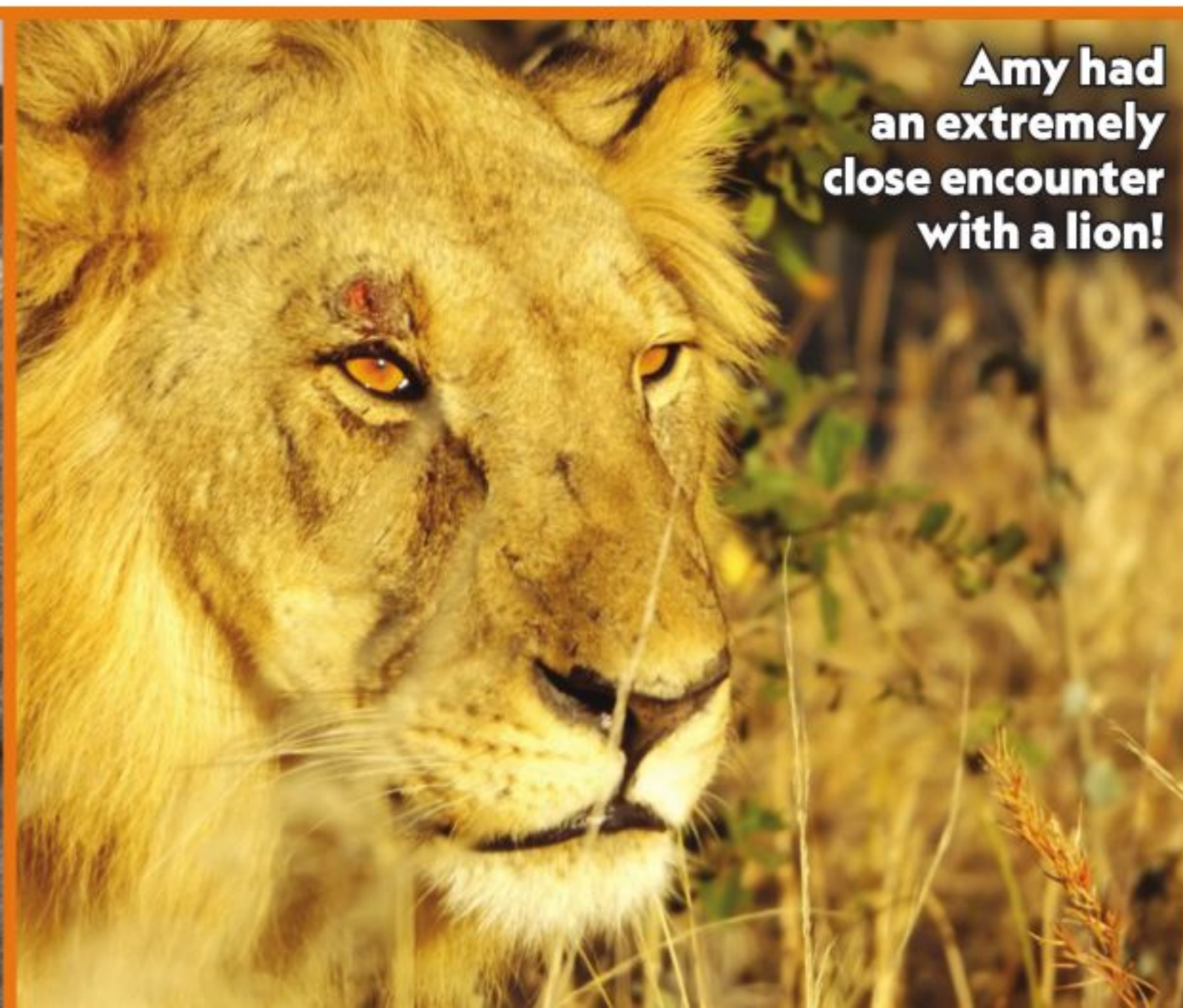
So you stayed in the tent?!

I **forced** myself to! The next thing I knew I could see this **huge male lion** **silhouetted** against the **tent** in the light of the **full moon!** He **walked around the tent, sniffing**. Deeply terrified, I searched my bag and found a **tiny knife** and a **deodorant spray** to try to **defend** myself with. But then he suddenly **slumped right down on the tent, laid across me** and just went to **sleep!** And eventually I went to sleep, too, from the sheer **exhaustion** and **adrenaline!**

Wow, what a story! Thanks, Amy!



Former lion-killing warriors now monitor wildlife!



Amy had an extremely close encounter with a lion!

IN IT TO WIN IT!

Enter ALL comps at
natgeokids.com
by 30 April

WIN! CAMP BESTIVAL TICKETS

Lights, camera, action! Head down to **Lulworth Castle** in **Dorset** this summer for everyone's favourite family-friendly festival, **Camp Bestival**, where this year's shenanigans have a **movie theme**.

Experience the **glitz** and **glamour** of **Hollywood** while you enjoy **live music** from artists such as popstar **Liam Payne**, dance music legends **Fatboy Slim** and **Groove Armada**, and indie rockers **Friendly Fires**! You'll also be entertained by kids TV faves **Sam & Mark**, **Dick & Dom** and **Mr Tumble**, plus you can bounce on the **world's biggest bouncy castle**, be wowed by circus high-flying act **Cirque Bijou** and much more!

One lucky star-prize winner will dance away with **weekend passes** for **two adults** and up to **four children** (under 17). You'll also bag a **Camping Plus** spot – meaning you'll get a **big reserved camping plot**, **nice loos** and **showers**, plus **car parking**. Awesome!

● **Camp Bestival** is on from **30 July–2 August 2020**. Visit campbestival.net to check out the amazing line-up and activities.



Q Which '80s hip-hop group will also be performing at Camp Bestival?
a) Sugarhill Gang
b) Treacle Team
c) Maple Syrup Mob

WIN! RABBIT & BEAR BOOKS

Join **Rabbit & Bear** for **beautifully illustrated**, **laugh-out-loud** tales of **friendship** that are perfect for **younger readers**!

In their latest adventure, ***A Bite in the Night***, a **mysterious new animal** arrives in the valley and **Rabbit's** favourite **trees** seem to be **flying** south for the winter! But his friend **Bear** is sure that trees *can't* fly... What on earth is going on? Can Rabbit and Bear solve the mystery and **save the valley**?

We're giving away all **four books** in the series to **21 lucky readers**!

● You can find all these **bear-illiant** books at amazon.co.uk

Q Which of these is a real type of bear?
a) Green bear b) Pink bear c) Brown bear



38 chances to win!

WIN! A GRAVITRAX BUNDLE

Experience the power of **gravity** with the incredible **GraviTrax interactive track system**. As you design and build cool tracks to propel the **gravity spheres** to the finish, you'll discover **magnetism, kinetics and gravity!** Be as creative as you like and use your **imagination** to design even more exciting tracks every time!

Three winners will receive an awesome **GraviTrax Starter Pack, three Expansion Packs** and **four cool add-ons** including the new **Zipline!**

● Available from **John Lewis**



- Q** What are the two magnetic poles called?
a) Thick and Thin **b)** Left and Right **c)** North and South

WIN! HISTORY HEROES CARDS

Discover the **people** who have shaped the world with **History Heroes card games**.

From famous **explorers and artists** to **inventors, sports stars and kings and queens**, learn about **40** great characters in each pack of cards.

Whose **artwork** has been turned into one of the most used **emojis** in the world? Who was the first person to win **two Nobel prizes for science**? These **pocket-sized games** will give you **hours of fun** and let you discover **fantastic facts** about **amazing people**. Smart!

Four winners will receive all **12 History Heroes sets**.

● Check out these great games at **historyheroes.co.uk**



- Q** Which of the following was a famous explorer?
a) Marco Polo **b)** Freddy Mentos **c)** Terry Tic Tac

WIN! THAMES & KOSMOS SCIENCE KITS

Explore the **science** behind the **natural world** with these incredible kits from **Thames & Kosmos**.

Learn all about the **inner and outer parts** of one of the world's most **powerful predators** with the **Tiger Anatomy Model**. Glimpse into the **internal structure** of these fierce felines to see how their **organs** work and even how they've **evolved**.

Grow your very own **prehistoric creatures** with the **Giant Triops** kit. It contains all you need to **hatch, feed, observe** and **breed** your own **triops**, tiny **creatures** that have survived unchanged for millions of years. Whoa!

Nine readers will bag **both kits**.

● Visit **thamesandkosmos.co.uk** for more cool kits



- Q** Which of these is NOT a species of tiger?
a) Sumatran **b)** Geordie **c)** Bengal

JUNIOR EXPLORERS' CLUB

GOATS UP A TREE!

Hi NG KiDS!

I went to **Morocco** and saw these **goats** standing on an **argan tree**. They were eating its **fruit**. The desert tribespeople collect the **nuts** from their **leftovers** and **crush** them to produce an extremely **valuable** oil, called **argan oil**. Amazing!

TaoHai, 9

● Brilliant photo, TaoHai! It must have been strange seeing goats up a tree like that!

The goats
TaoHai saw were
tree-mendous!

ART
ZONE!

HA
HA

LOLZ

HA
HA

Q What do you get when you
cross a giraffe with a hedgehog?

A An 18-foot toothbrush!

Oweena, 11

HA
HA

HA
HA

Hi Nat Geo Kids,
I love the **mustelid** family, so I decided to
draw a **polecat**! They're one of my favourite
mustelids. They're very **furry** and very **cute**!

Iris, 10

● You're totally right, Iris. Polecats
are adorable!



I drew this picture of a **northern spotted owl** because they are **threatened** with extinction. I love to be as **eco-friendly** as possible and try to **recycle** everything I can. At school, I even created a club called **Animals Savers** and we did a **cake sale**. We raised **£137.28** for the **RSPCA**!

Tilly, 9

● Nice picture, Tilly. And well done for raising all that cash! Keep up the good work!



We want to hear from YOU! Send in your artwork, jokes, craft pics and pet photos; tell us about your wildlife sightings, hobbies and interests, and share your opinions! Email kids@ngkids.co.uk or write to the address on page 3. A selection will be printed on this page. Every reader on these pages will receive a copy of **Explorer Academy: The Star Dunes** from NG Kids Books!

Available at harpercollins.co.uk

We're sorry, but we won't be able to return your art or photos.



POSTCARD FROM...

Sri Lanka



Dear NG Kids,
I went to **Sri Lanka** on holiday and travelled around the country. It was **really hot**, so I had to wear a lot of **sun cream**. It was a very exciting trip. We met **elephants** and went to the **beach** a lot. I made a **sandcastle** that was **taller than me!** We also visited the **tea plantations** where we had a **picnic** (see pic). We had to walk a **very long way** to get up there, but it was definitely worth it.
Murren, 10

That sounds like an amazing trip, Murren. Hope the picnic was as tasty as it looks!

HOBBY TALK

Hi NG Kids,
I love **photography**. I recently got a **new camera** and **two new lenses**. I have been out and about taking pictures at every opportunity. I am definitely going to be a photographer when I am older. I know that lots of children say things like this, but I am really, REALLY, definitely going to be one! After I got my new camera, I went to the **Lake District** with my **mum** and I took this photo of a **red squirrel**.

Emily, 11

Wow, we believe you, Emily! Your photo looks so professional!



COVER
STAR!

NAME: Leon

AGE: 2

SPECIES: Tangerine tremper leopard gecko.

LIKES: Locusts, meal bugs and, most of all, being a lazy lizard sleeping on his hammock.

DISLIKES: Crickets and being woken up.

BEST FRIEND AND OWNER: Lewis, 9

I ♥
PANGOLINS

I love **pangolins** so much! On **World Pangolin Day (15 Feb)**, I made a lot of **cakes** and had a **cake sale** on my **drive** at home. Even though there was a bad storm, my brother **Oliver** and I managed to raise **£105** for the **Rare and Endangered Species Trust (REST)** in **Namibia**, southern Africa, to help them **rescue** and **protect** pangolins from **poachers**.

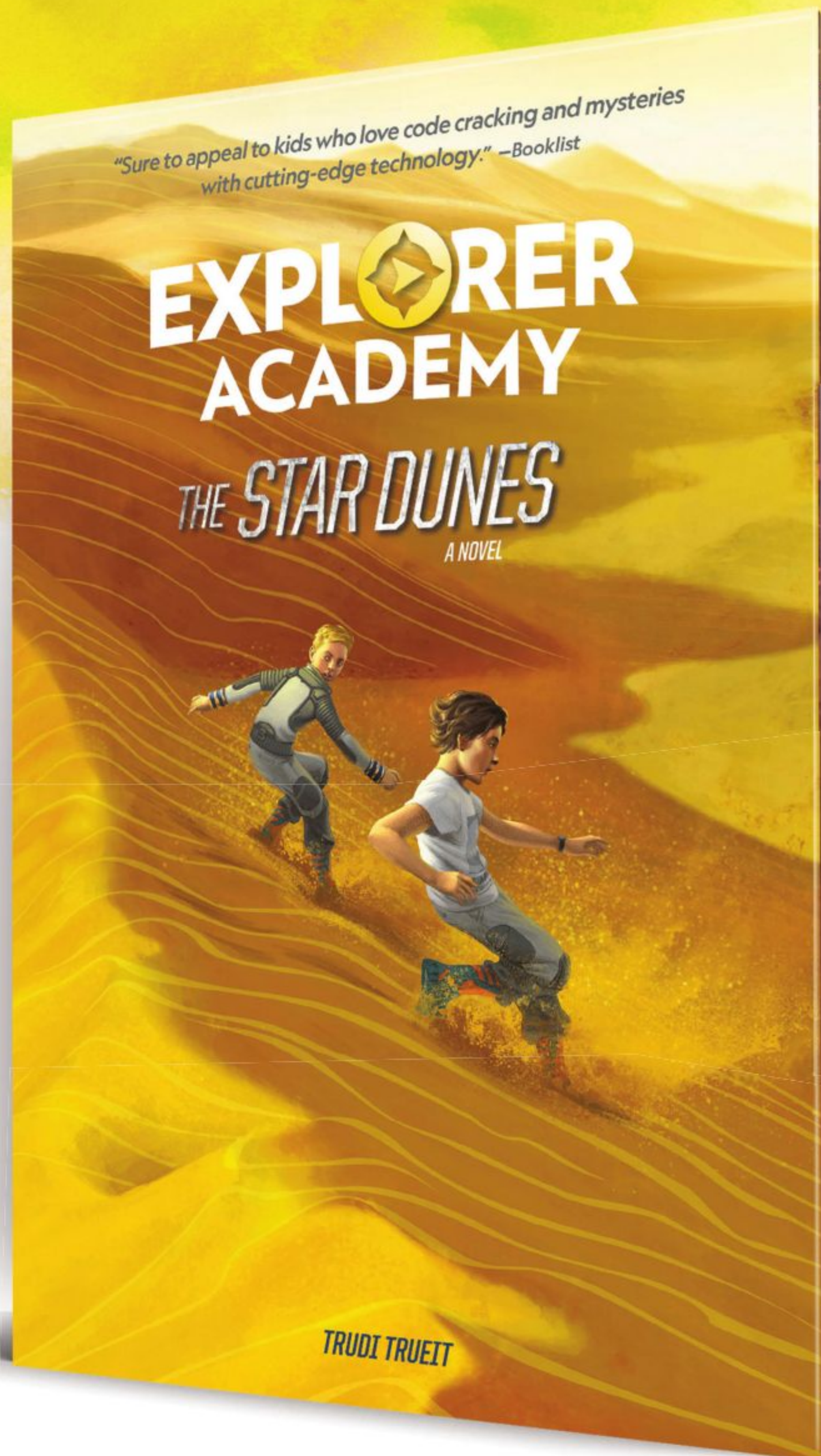
Emilie, 7

Sadly pangolins are the most trafficked mammal in the world, as their scales are used in traditional 'medicines'. But you're helping protect these scaly cuties, Emilie. Well done!



Emilie and Oliver baked cakes for conservation!

DON'T MISS THE LATEST ADVENTURE!



The gang are on their way to Africa when Nebula misses their intended target. Secrets creep out from the shadows and leave Cruz with more questions than answers in this fourth title in the hit series.

Inspired by the real adventures of the National Geographic Society!



Catch up with the previous books in this ground-breaking fiction series



DISCOVER MORE AT
ExplorerAcademy.com

Available wherever books are sold
and online at natgeokidsbooks.co.uk

© 2020 National Geographic Partners, LLC

UNDER THE *Stars*

NATIONAL
GEOGRAPHIC

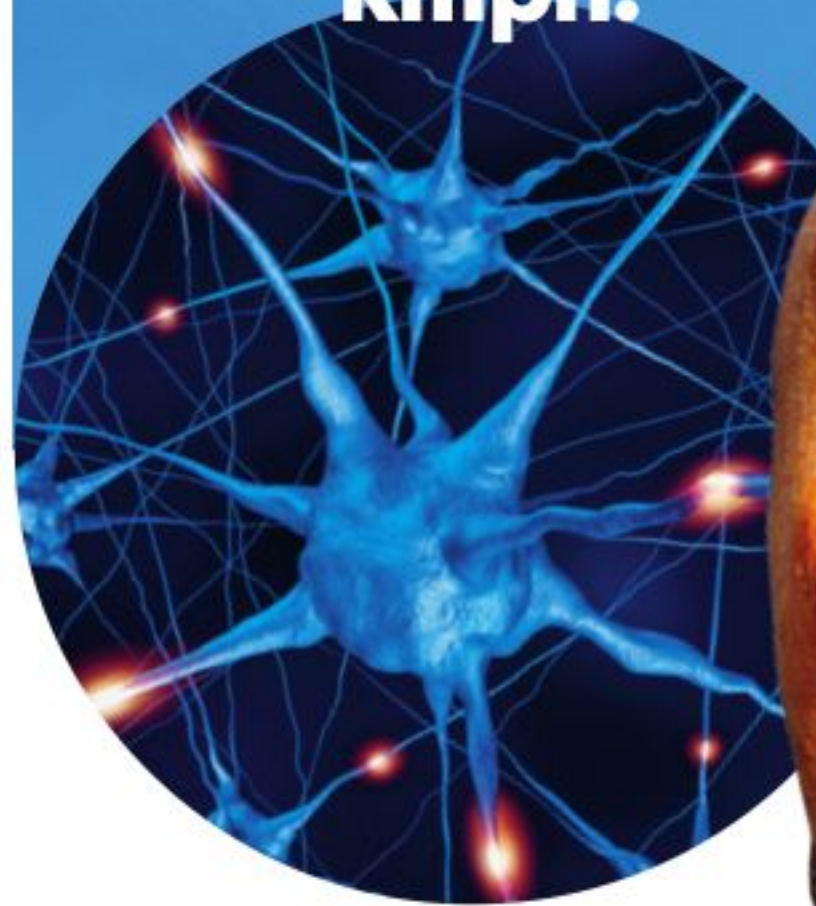
weird but true!

Check out these
outrageous facts...

MESSAGES
FROM YOUR
BRAIN

can travel
along your
nerves at
more than

322
kmph.



DOLPHINS
can hear
SOUNDS
UNDERWATER
that are
24 KM
AWAY.



If you travelled
at the
SPEED
OF LIGHT,
you could reach
PLUTO
in just 4.5 hours.



In outer space,

liquids

become sphere shaped.



The first bubble gum, made in 1906,
was called **'Blibber-Blubber.'**



The world's

LARGEST PIZZA

was

40 METRES

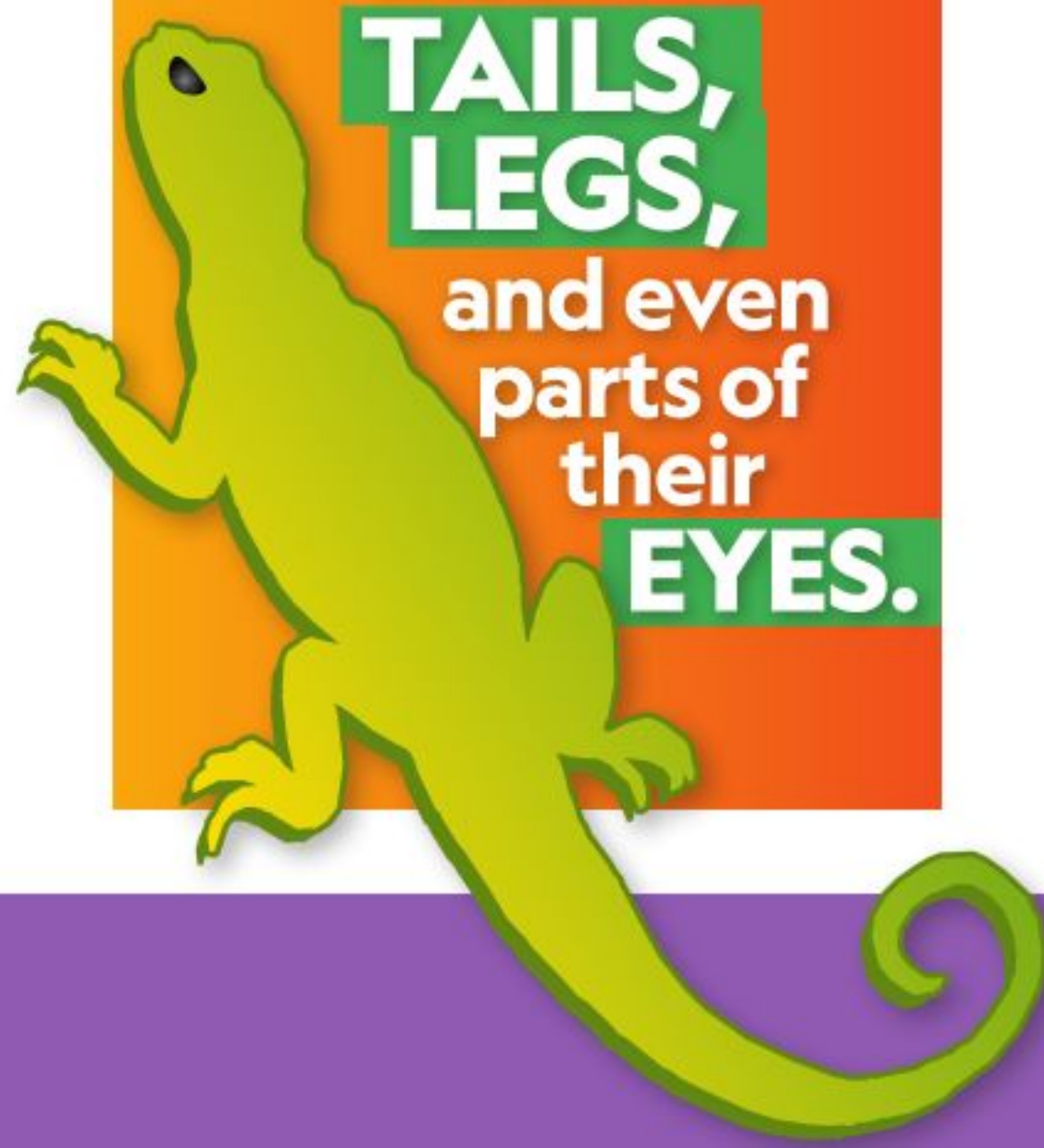
across and weighed

23,250 kg,

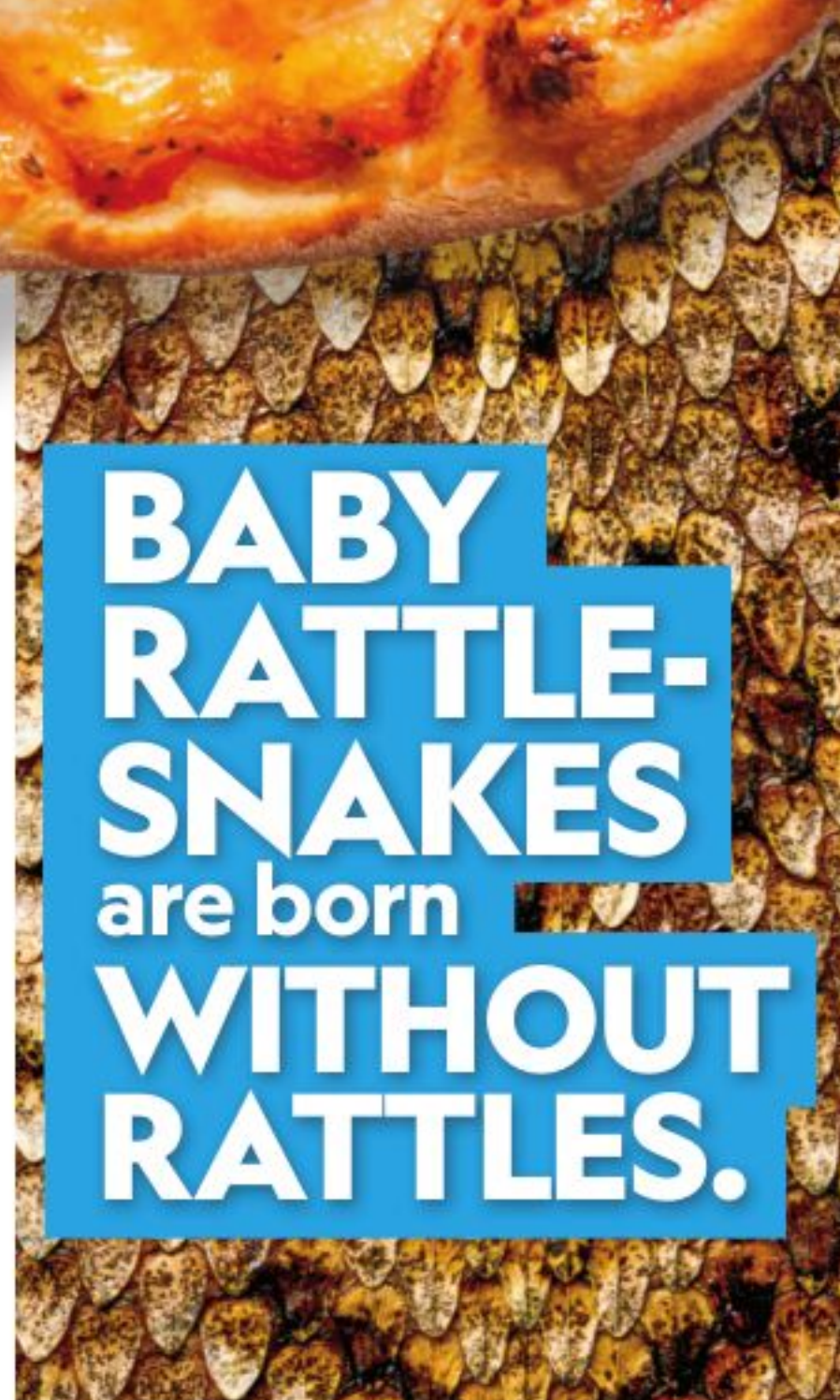
AS MUCH AS THREE MALE AFRICAN ELEPHANTS.



SOME
SALAMANDERS
can **REGROW**
their
TAILS,
LEGS,
and even
parts of
their
EYES.



BABY
RATTLE-
SNAKES
are born
WITHOUT
RATTLES.



If you

NEVER CUT YOUR HAIR,

it could
grow
more than

12 METRES

in your
lifetime.



About
10,000
CELLS
from your body
could fit
on the
head of a
PIN.



SUBSCRIBE TODAY!

Visit natgeokids.com

Do you love Nat Geo Kids? Well, if you become a subscriber, you'll get your favourite magazine delivered direct to your door every month, before it hits the shops. You'll also get exclusive fact cards and special competitions!

If you're one of the **first 50 new subscribers this month**, you'll also receive a fantastic gift, worth £30, totally FREE!*

PARENTS!

A subscription to **National Geographic Kids** magazine is the perfect gift for inquisitive boys and girls. Packed with fun features about nature, science, geography, history and popular culture, **Nat Geo Kids** gets children excited about their world.

Annual subscription
£35

Six cool, collectable animal fact cards FREE with each issue!

Each magazine is delivered in a plastic-free recyclable envelope!

FREE GIFT!
Giant double-sided poster

FREE GIFT*

Regular price £50
QUOTE CODE NGK241

MAGIC CAT NATURE BOOKS

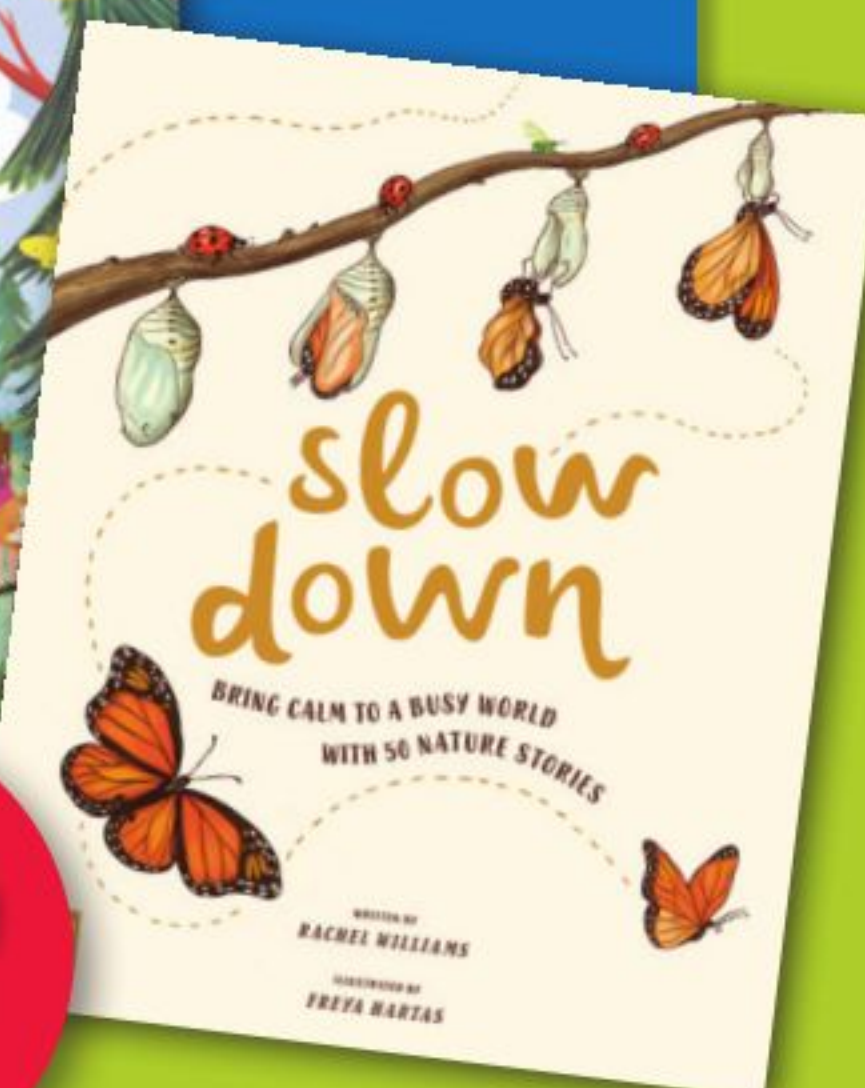
Celebrate nature with this pair of inspiring books from **Magic Cat**.

Slow Down takes a detailed, **step-by-step** look at the incredible **transformations** happening in **nature** every day – from a **butterfly** emerging from a **chrysalis** to a **spider** weaving its **web**. With facts and figures on more than **50 species** of **plants** and **animals**, you'll be eager to get outside and start **exploring**!

In **Old Enough to Save the Planet**, meet the kids who are taking action against **climate change** – such as **11-year-old** ocean activist **Shalise** and **nine-year-old** rainforest campaigner **Felix**. The book also gives you the **knowledge** you need to **take action** at **home** and in **school**. Brilliant!

The first **50 new NG KiDS** subscribers this issue will receive both books.

● Find out more at magiccatpublishing.co.uk



Worth £30!

Please note, subscription copies of Nat Geo Kids magazine do not include covermounted gifts but do include collectable fact cards.

Covermounted gifts can be added to subscriptions for an additional cost but are not included in the £35 offer.

* The first 50 people to subscribe to the magazine will receive the above free gifts, subject to availability. Thereafter, all new subscribers to the magazine will receive two subscription gifts. Offer ends 15 July 2020. For full prices and Ts&Cs please visit natgeokids.com. Offer only available when selecting the standard £37 subscription, on an auto-renew basis. Offer available for UK only. If you are in Ireland, please contact our customer service centre on +44 333 577 7272.

FUN

STUFF

GAMES, LAUGHS, AND LOTS TO DO!

Green Scene

PLAY

You're the newly elected **mayor** of this busy city. The first thing you want to do? Transform it into the greenest town in the world! Start by finding **15 pieces of litter** from the list below. Then locate **eight blue recycling bins** and **two green compost bins** to clean up the city.

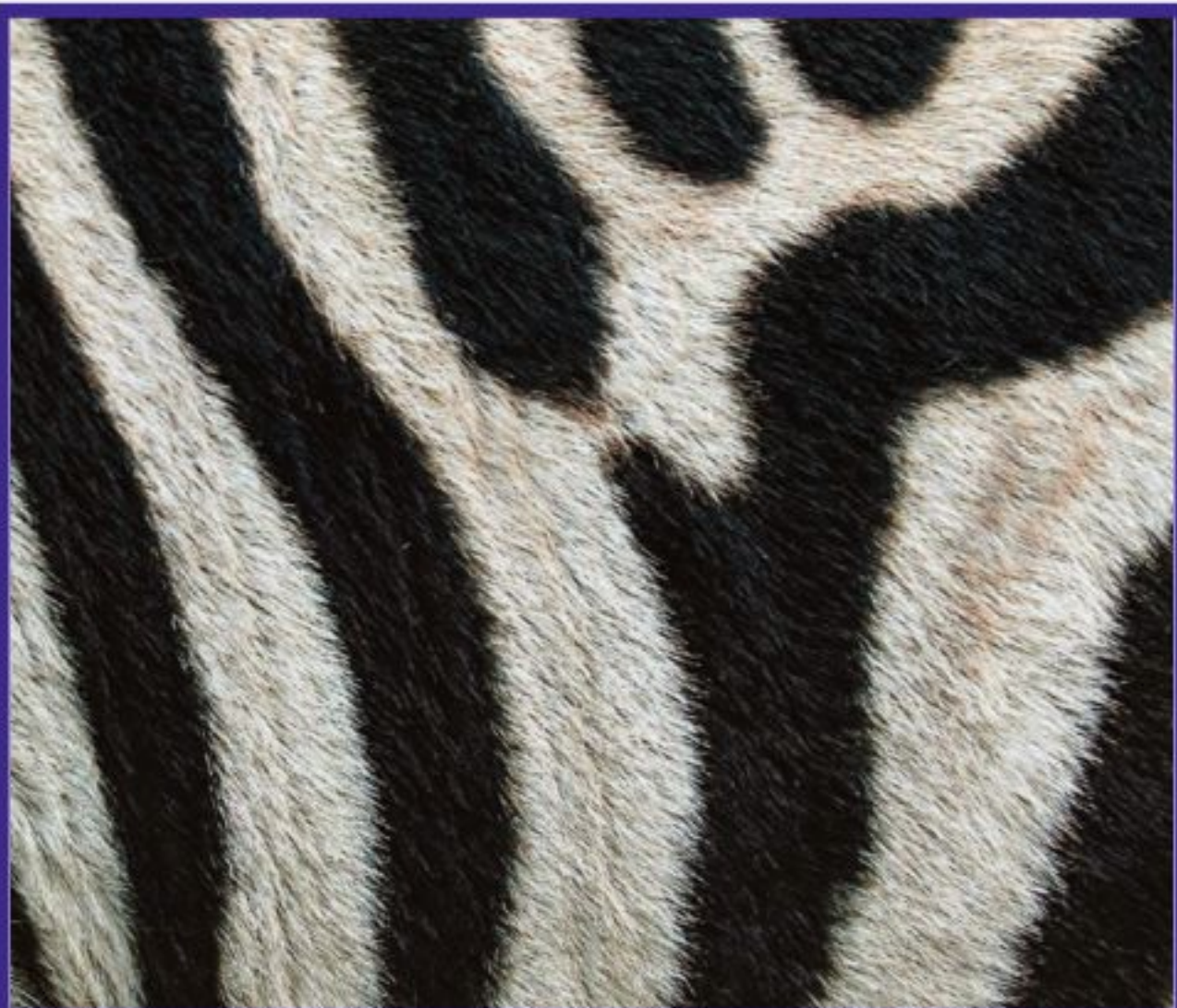
- | | |
|---------------------|-----------------------|
| 1 Cardboard box | 9 Egg box |
| 2 Crumpled-up paper | 10 Paper bag |
| 3 Fizzy drink can | 11 Banana peel |
| 4 Paper cup | 12 Glass bottle |
| 5 Phone book | 13 Magazine |
| 6 Cereal box | 14 Takeaway container |
| 7 Newspapers | 15 Milk carton |
| 8 Half-eaten apple | |

ANSWERS ON PAGE 57

WHAT IN THE WORLD?

WILD STYLE

These images show close-up views of African animals. Unscramble the letters to identify what's in each picture. **Bonus:** Use the yellow letters to help you answer the joke below. [Answers on page 57](#)



A R E B Z



L I G A M N O F



F A E I R G F



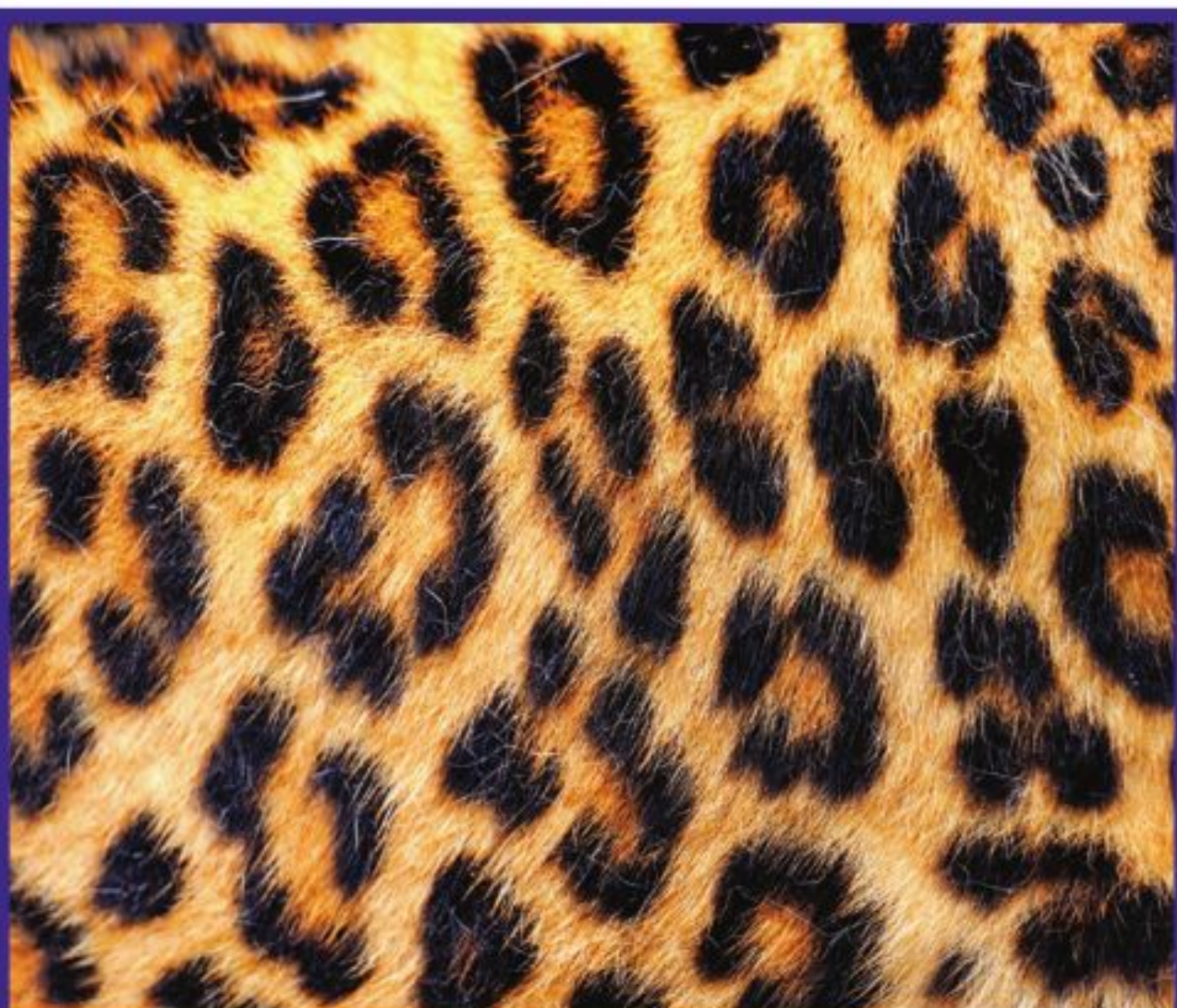
A H L N E P E T



A L M D I L N R



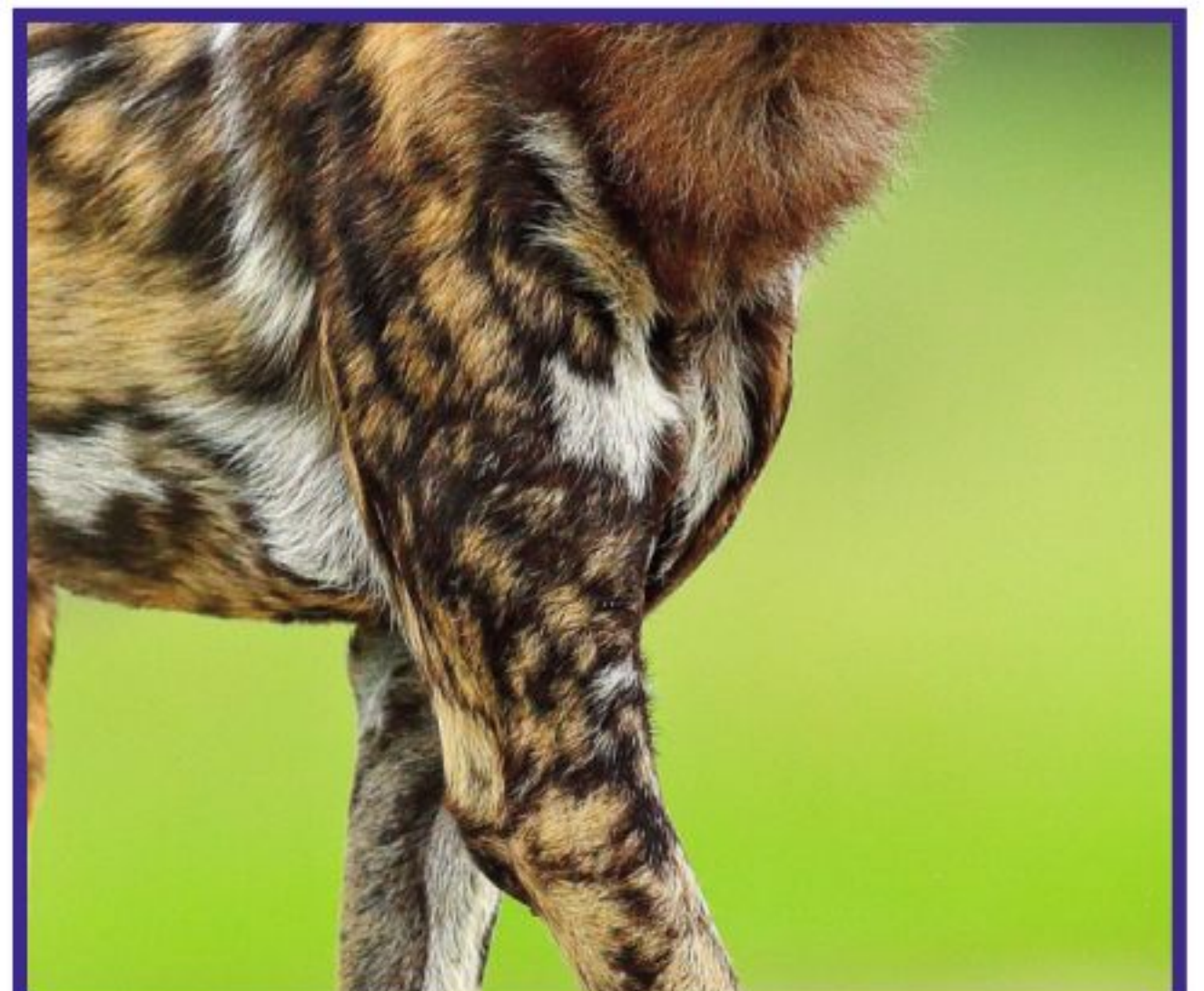
N A C H O M E E L



D E L R P O A



T R S E I T O O



R I F A C N A
I D L W O G D

JOKE: What's a snake's favourite subject at school?

ANSWER: H _ S _ _ _ _ Y

PET PUZZLER



This issue's crossword is dedicated to the animals that many of you have at home!



ACROSS

- 4 Breed of dog known for its squashed face (3)
 5 Always carry these with you on dog walks (3, 4)
 9 Cross between a Labrador and a poodle (11)
 11 You'll need to keep this pet in a vivarium (5)
 12 Floppy-eared hay muncher (6)
 14 An estimated eight million of these bird-eaters live in the UK (4)

- 15 Baby cat (6)
 16 This popular pet is farmed for food in Peru. Squeak! (6, 3)
 17 _____ insect. Pet that's easy to look after and resembles a plant (5)
 18 Pesky insects that may bite your pet and you! (5)
 19 Some pets cause these. Atishoo! (9)

DOWN

- 1 Small, furry rodent (7)
 2 Nickname for a talking parrot, kept as a pet! (6)
 3 Breed of hairless cat (6)
 6 Don't expect cuddles from this fanged, hairy beast (9)
 7 Used to be a prize at funfairs (7)
 8 Another name for a German shepherd dog (8)
 10 Cat toilet (6, 4)
 13 Common command for a dog (3)
 14 Egg-laying 'dinosaur' (7)

FUN STUFF MAKE IT

BAKED DIPPS

This easy egg snack makes a yum bre

What you'll need

- Cherry tomatoes
 - A few washed baby spinach or kale leaves
 - Herbs (optional – we used parsley and coriander)
 - Spring onion
 - Free-range egg
 - Grated cheddar
 - Salt and pepper
 - Toast, to serve
- Equipment:** ● Ramekins ● Oven

Start here!

- 1 Use your fingers to squish some cherry tomatoes. Put 4-5 of them in a ramekin along with some of the juice.

- 2 Chop up the greens and herbs and add them to the ramekin. Snip in some spring onion, too.

- 3 Carefully break an egg into the ramekin and add a pinch of salt and pepper.

- 4 Sprinkle a small amount of grated cheese on to the top of the egg.

TOP TIP

You could try different **types of chopped veg** in the bottom, or use **feta** instead of cheddar!

- 5 Put the ramekin on a baking tray and ask an adult to place in an oven, heated to 180°C / Gas Mark 4, for 12-18 mins until the egg white is set but the yolk is still runny. Yum!

Serve with
buttered
soldiers and
dip in!

Y EGG

akfast or simple supper!



PET BODY LANGUAGE

Take a look at these pics of pets and see if you can work out how they feel! **Answers below.**

1 **A** I'm soooo chilled out **C** I'm really angry! **B** Help, I'm scared

2 **B** Yawn! I'm tired. **A** I'm going to attack you! **C** Please feed me!

3 **A** Let's play! **C** Fancy a sunggle? **B** Argh, I'm terrified, get away!

4 **B** Attack! **A** I'm worried! **C** Time for walkies!

Answers: 1)a; 2)b; 3)b; 4)a

FUN STUFF ANSWERS

CATCH 'EM ALL

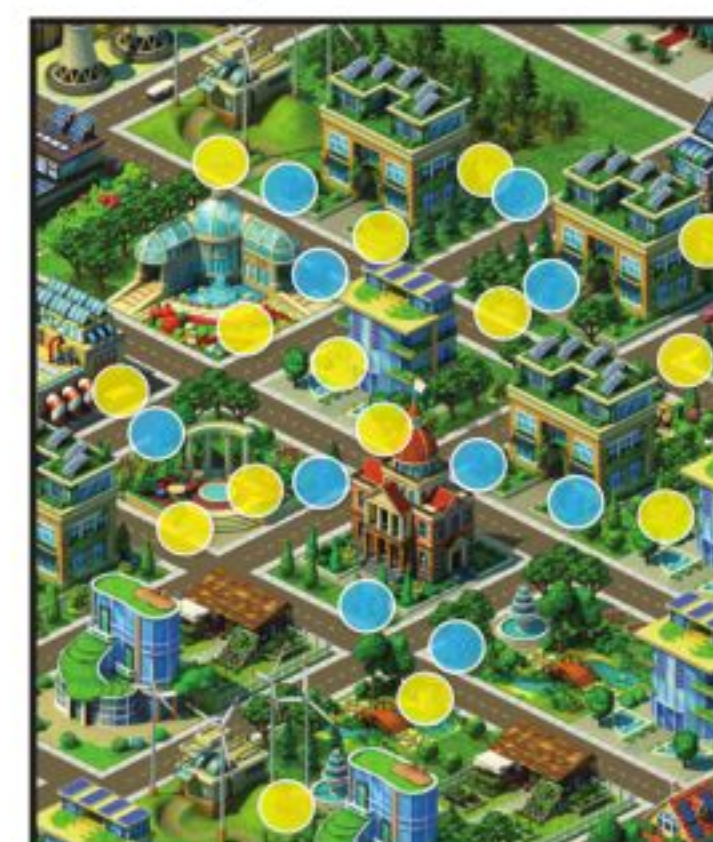
(page 22)

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

GREEN SCENE

(page 53)

Litter is shown in yellow, recycling and compost bins are blue.



WHAT IN THE WORLD

(page 54)

Top row: ZEBRA, FLAMINGO, GIRAFFE.

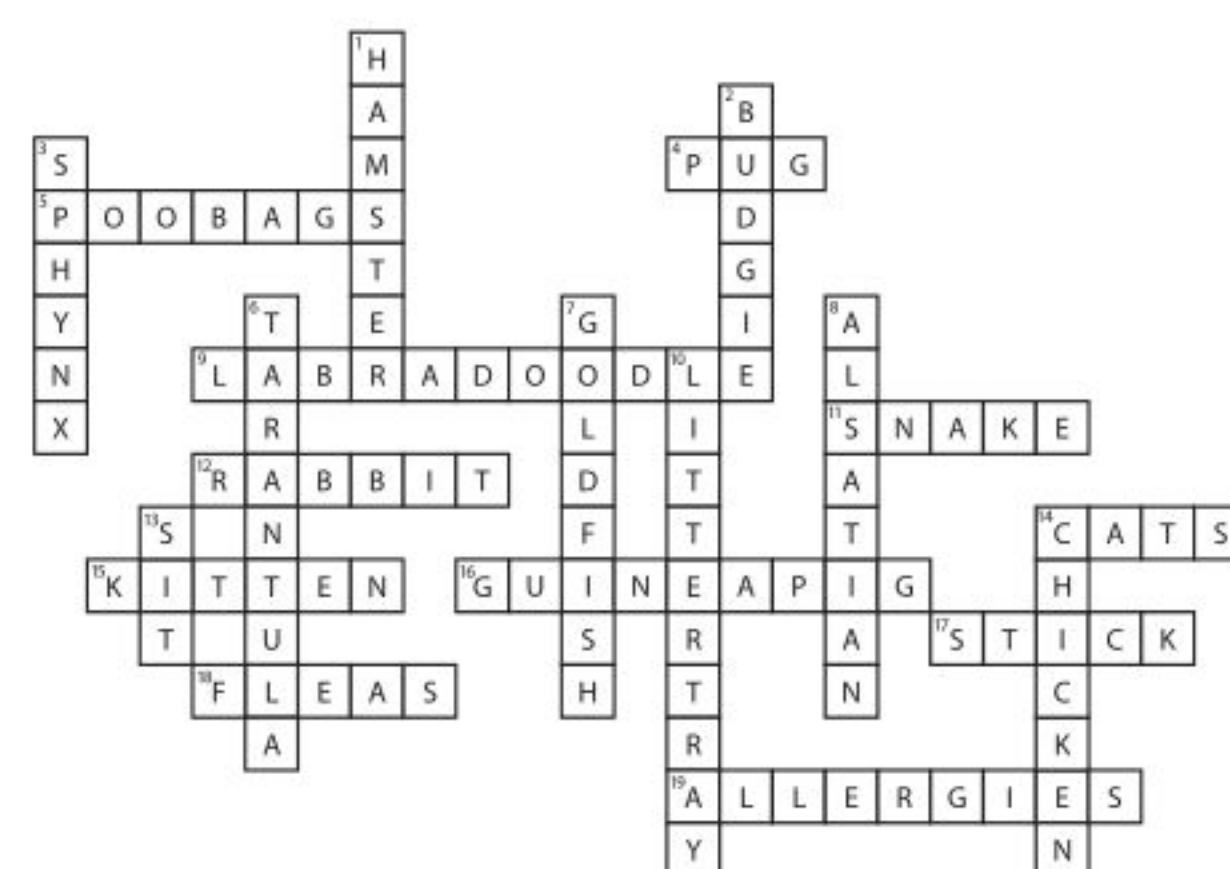
Middle row: ELEPHANT, MANDRILL, CHAMELEON.

Bottom row: LEOPARD, TORTOISE, AFRICAN WILD DOG.

Bonus: HISSTORY

PET PUZZLER!

(page 55)



THE LAST LAUGH

Q. What did the wolf say to the other wolf?
A. Howl's it going?!

Q. Which pet is the loudest?
A. A trum-pet!

Q. Did you hear about the frog that parked on double yellow lines?
A. It got toad away!

Q. What do you call a dog that's having its hair washed?
A. A shampoo-dle!

Q. How do lions row boats?
A. They use r-oars!

Q. What's a cat's favourite button on the remote control?
A. Paws

Q. What do you call a cow with a twitch?
A. Beef jerky!

natgeokids.com

Editor Tim Herbert
Art Editor Ed White
Features Editor Georgia Harrison
Digital Editor Gemma Chandler
Senior Designer Claire Brisley
Staff Writer Alexander Tan
Thanks to Paul Kane, Vincent Vincent,
and Michael Constantine

Creature Media Ltd,
Third Floor,
12-14 Berry Street,
London, EC1V 0AU

*Creature
Media*

Editorial enquiries 020 7014 3760
Advertising enquiries 020 7014 3769
Financial enquiries 020 7014 3763
Fax 020 7014 3776

Managing Director Peter Johnson
Financial Director Ray Behan
Finance Assistant Fadumo Johor
Promotions and Partnerships Director Tracey Steel
Creative Solutions Manager Francesca Duggan
Subscriptions and Marketing Manager Emily Meredith
Printed by William Gibbons, Unit 40,
Planetary Rd Industrial Estate, Planetary Rd,
Willenhall, West Midlands, WV13 3XA.

Distributed by Seymour Distribution Limited
2 East Poultry Avenue, London EC1A 9PT

Subscription mailing Mailing & Marketing
Solutions, Unit 30a, Dudley Hill Business Park,
Knowles Lane, Bradford BD4 9SW

© **Creature Media Limited.** All rights reserved.
No part of this publication may be reproduced,
stored in a retrieval system, or be transmitted in any
form or by any means, electronic or mechanical,
without prior consent of Creature Media Limited.

Published by National Geographic Partners LLC
Chief Executive Officer Gary E. Knell
Chairman of the Board of Directors Peter Rice
Executive Vice President and General Manager,
National Geographic Media David Miller
Senior Vice President, Kids Media, Content
Jennifer Emmett
Senior Vice President, Global Media and
Experiences Yulia Boyle, **Director, International**
Media; Jennifer Jones, **Senior Manager,**
International Media; Rossana Stella.

NATIONAL GEOGRAPHIC KIDS Magazine
Editor in Chief and Vice President,
Kids Magazines & Digital Rachel Buchholz
Vice President, Visual Identity
Eva Absher-Schantz
Design Director, Magazines
Eileen O'Tousa-Crowson
Editorial Kay Boatner,
Senior Editor / Digital Producer;
Allyson Shaw, **Associate Editor / Digital Producer**
Photo Shannon Hibberd, **Senior Photo Editor**
Hillary Leo, **Contributing Photo Editor**

National Geographic Kids is published 13 times
a year by Creature Media Limited under license
from National Geographic Partners LLC. For more
information contact natgeo.com/info.

Copyright © 2020 National Geographic Partners LLC.
All rights reserved. National Geographic Kids and the
Yellow Border Design are registered trademarks of
National Geographic Society and used under license.



PEFC Certified
This product is from
sustainably managed
forests and controlled
sources
www.pefc.co.uk

NG KIDS is printed
on paper using
wood from
sustainable sources.

**Subscribe to NATIONAL
GEOGRAPHIC KIDS!**

Website: natgeokids.com

Email: help@ngkids.co.uk

In next month's
NG KIDS...

On sale
23
April.
Don't miss
it!



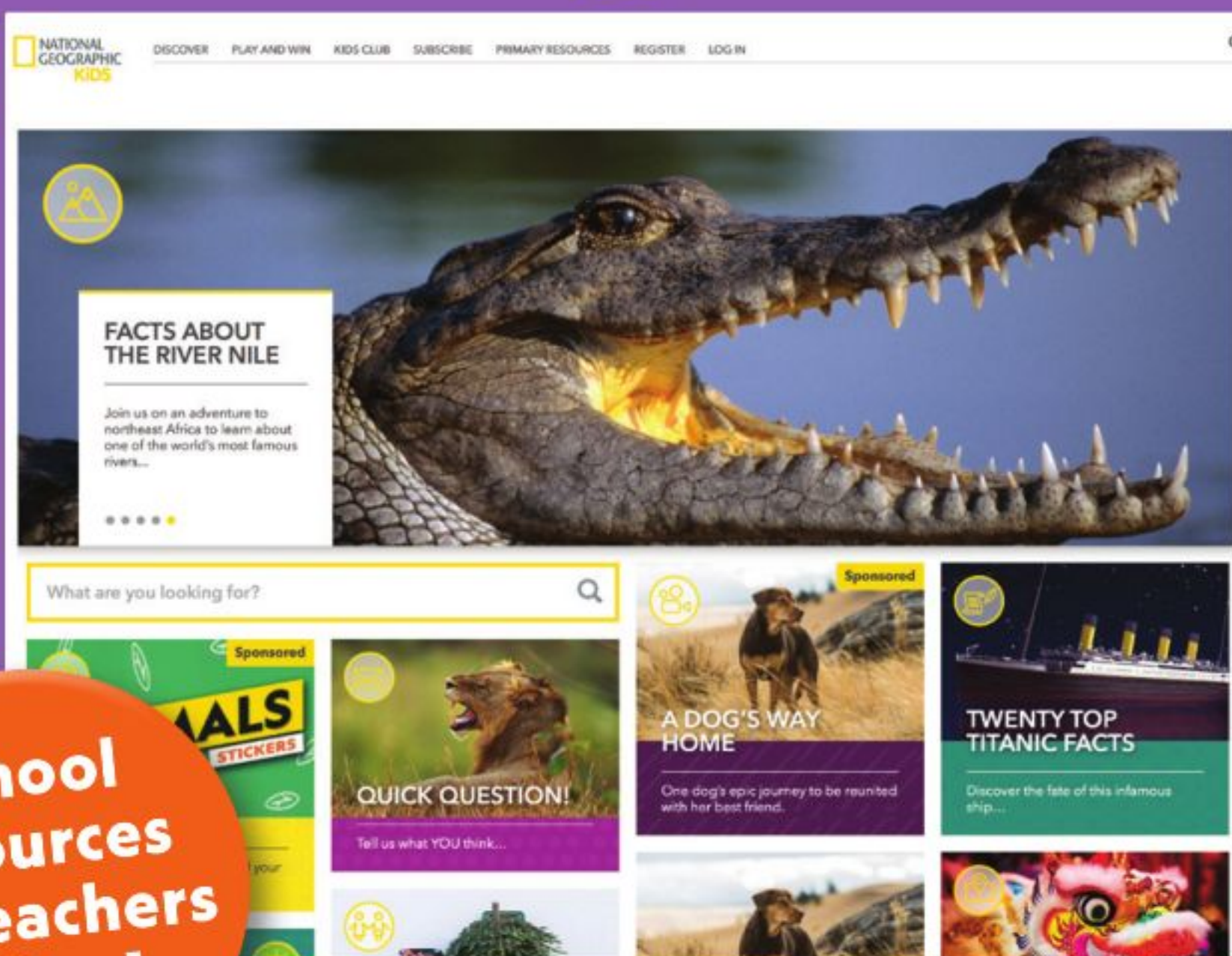
© Getty Images UK

**BACK FROM
THE BRINK!**
Meet five species
saved from extinction

**Take our
animal
personality
quiz!**

**Puzzles,
posters
and amazing
prizes!**

CHECK OUT OUR BRILLIANT WEBSITE!
natgeokids.com



**School
resources
for teachers
online!**



**Bigger, better and
brighter than ever!**

**Packed with fun
features, quizzes
and comps!**

**Comment on your
favourite pages!**

Helps with homework!

Upload your reports!

Play great games!

FIND ADVENTURE! HAVE FUN OUTDOORS!

These new photo-filled, fact-packed guides will have you bursting to get outside.



Become a tree detective and name this tree...

CLUE:
You might be more familiar with its seeds—also known as conkers!

ANSWER:
Horse-chestnut

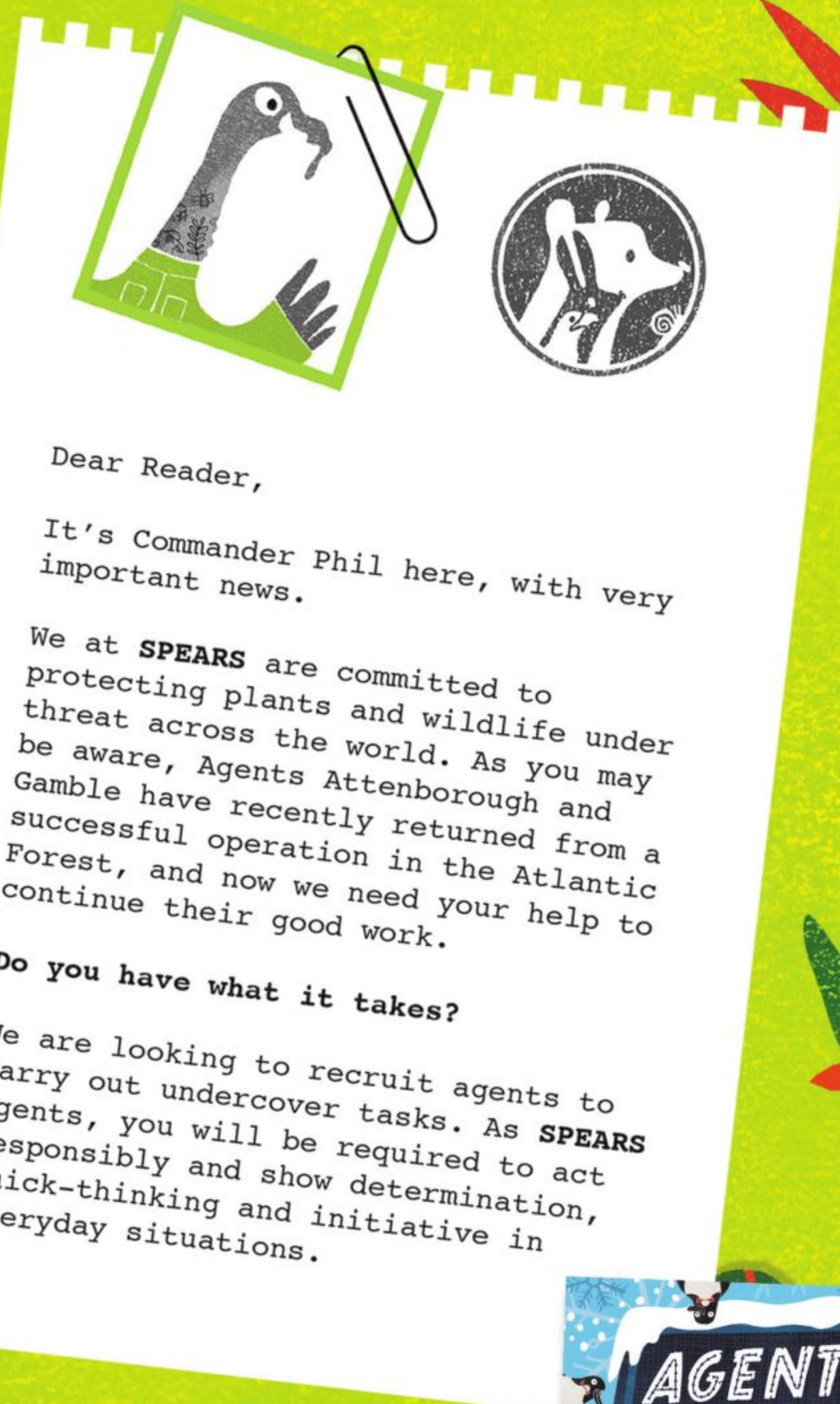


Photo Credit: © Paul Sterry, Nature Photographers Ltd

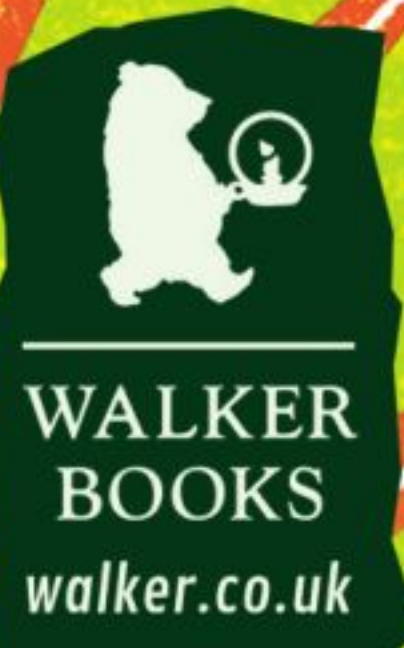
Species in danger? Girl and shrew to the rescue!

Agnes Gamble has no idea of the adventures that lie ahead when she signs up for **SPEARS** (*THE SOCIETY FOR THE PROTECTION OF ENDANGERED AND AWESOMELY RARE SPECIES*). But she soon finds out when she and her new partner Attie are sent to the rainforest on

OPERATION HONEYHUNT



OUT
SEPTEMBER
2020!



SPEARS is on the lookout for
the best and brightest new agents,
and that might just be YOU!