



Pup's club!



THE BLOWFISH
WHY SHARKS MATTER

UNDERCOVER

Find out how sharks camouflage themselves underwater!!!

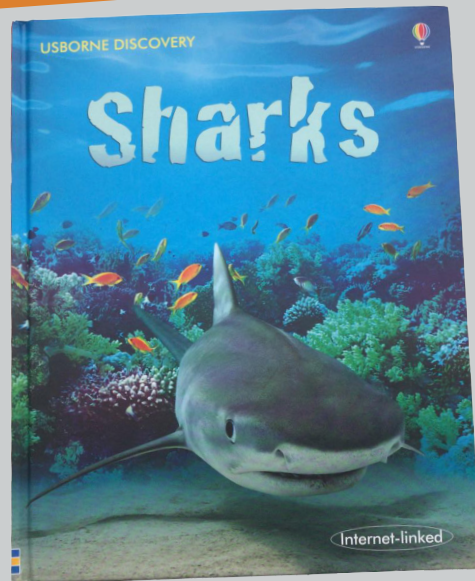


**YOU'RE
AMAZING**
All YOUR news and
achievements!!

BOOK REVIEW
SHARKS

**PUZZLES
& GAMES**

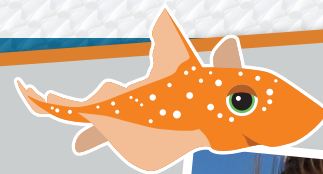




Sharks

USBORNE DISCOVERY
BY CICELY, AGE 11

I enjoyed the book 'Sharks' as it helped me understand all the different features about sharks. It also has a lot of colourful pictures so that you can see what the different species look like. I learnt about their interesting lifestyle by reading this book. I now know a wide variety of fascinating information about these incredible creatures. What's really cool is that there are links to the internet so you can find out more and see sharks in action. I definitely would recommend this book to anyone.



CROSSWORD

THIS ISSUE WE'VE GOT A BRAIN TEASER CHALLENGE. CAN YOU COMPLETE THE CROSSWORD BELOW?

We'll be super impressed if you can. And, if you send us your answers, we'll send you an A4 sticker sheet as a reward.

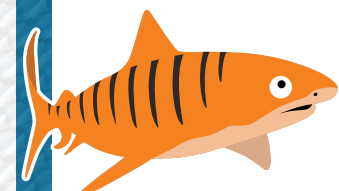
If you get stuck, you may find some of the answers you're looking for in our Pup's Zone on the website. Or even in your welcome pack! We're always here to help too - just get in touch and we'll send you another clue.

DOWN

1. Baby sharks.
3. Biggest threat facing sharks.
5. Similar to whiskers. Some sharks use these to probe the sand for food.
6. Teeth-like scales. Makes up a shark's skin.

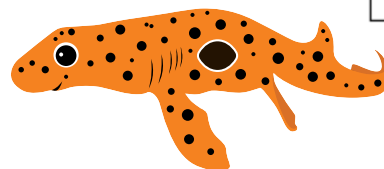
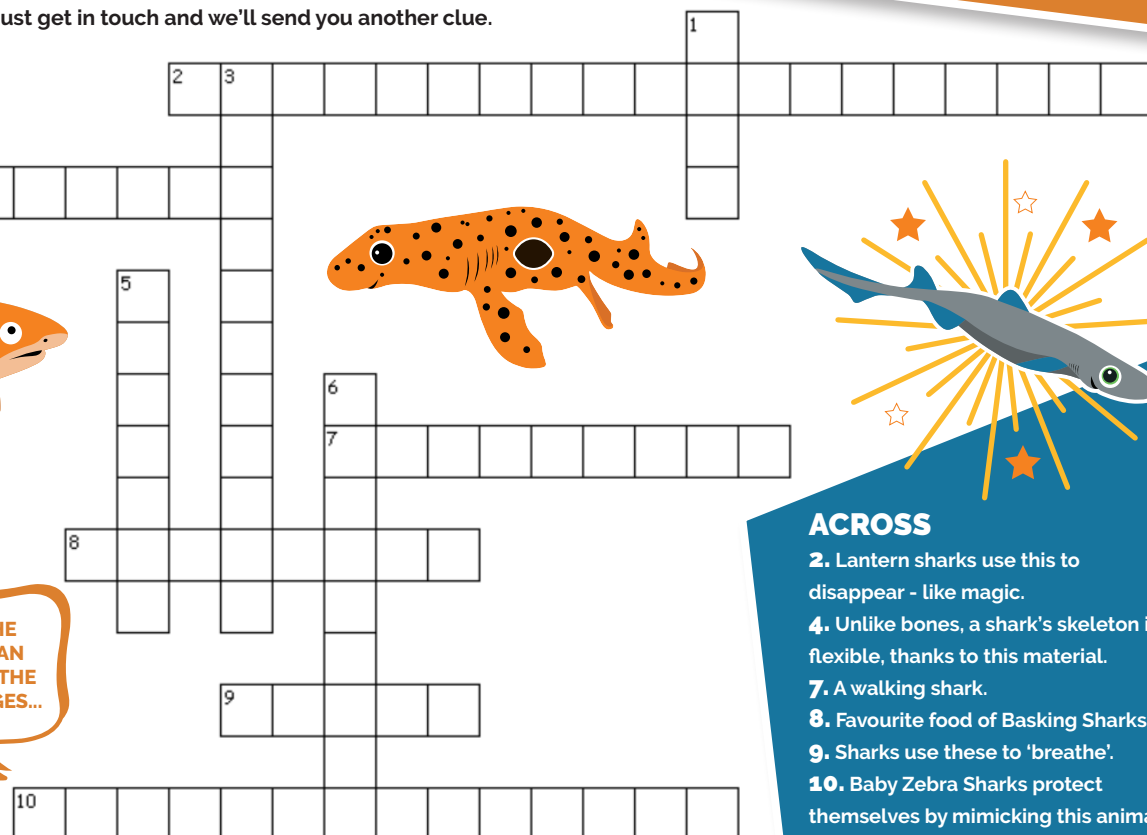
ACROSS

2. Lantern sharks use this to disappear - like magic.
4. Unlike bones, a shark's skeleton is flexible, thanks to this material.
7. A walking shark.
8. Favourite food of Basking Sharks.
9. Sharks use these to 'breathe'.
10. Baby Zebra Sharks protect themselves by mimicking this animal?



PSST!

SOME OF THE ANSWERS CAN BE FOUND IN THE NEXT FEW PAGES...



5 SHARK FACTS

BELIEVE IT OR NOT?

CAMOUFLAGE / DEFENCE STRATEGIES



1 Zebra Shark pups look just like venomous Banded Sea Snakes. Born dark brown/black with white stripes, they also swim with a wavy snake-like motion. Making predators think twice about eating them. This is known as **PROTECTIVE MIMICRY**.

Lantern Sharks make their bellies glow to hide from predators. You may think lighting yourself up like a beacon would draw more attention to yourself. But it helps conceal their silhouette from predators looking up at them from below. Their belly blends into the lighter waters above. Disappearing. Like magic. This is known as **COUNTER ILLUMINATION**.



3 Tasselled Wobbegongs are experts at **BLENDING** in. Flat in shape and covered with colourful spots and blotches, they're perfectly camouflaged for life on the coral reef. They also have a beard of tassels which helps to break up their silhouette.



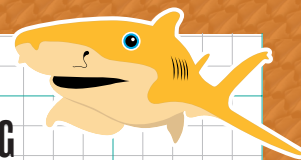
4 **DECEPTION.** Epaulette Sharks have two large eyespots (known as ocellus). These also appear in butterflies, birds, reptiles, and other fish. They serve to make animals look much bigger, and more intimidating, than they really are.



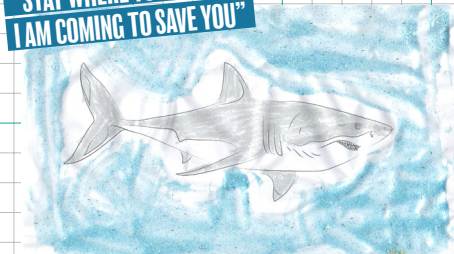
5 Many sharks use a camouflage strategy known as **COUNTER SHADING**. Being a darker colour on top they're invisible to anyone looking down on them, as they blend into the darker deeper waters below. While, being lighter underneath, they're invisible to anyone looking up at them, as they blend into the lighter waters above.

YOUR LETTERS

WE LOVE TO HEAR FROM YOU!
WRITE TO US AT FOCUS@SHARKTRUST.ORG
AND YOU MAY APPEAR IN OUR NEXT ISSUE...



"STAY WHERE YOU ARE SHARKS.
I AM COMING TO SAVE YOU"



WHITE SHARK ART

"I live in Dublin and I love the Great White Shark. At my school they help us to think of others. It was my idea to help the Great White Sharks. I am colouring in pictures of them and I am selling the pictures to raise money to help save the Great White Sharks. This is my message to the Great White Shark: 'Stay where you are sharks, I am coming to save you.'" **JAMES (AGE 5)**

James raised £99 by selling his amazing pictures of White Sharks. He even sent us a few to put in the office. We particularly liked this one with a sparkling sea!

SPEEDY SOPHIE

Sophie ran the Junior 1.5K in the Bournemouth Marathon Festival in October. She completed this in an incredible 12 mins 6 seconds. And raised £215 – well over her original target of £35. Sophie said she really enjoyed the event but was - understandably - "tuckered out".

SOPHIE (AGE 6)



SHARKING COMPETITION

Kathryn adopted a White Shark for her birthday. And, with her friends Caleb and Jacob, came up with a design-your-own-shark competition, raising £5.95. Thank you so much for your support Kathryn! Check out some of the entries from the competition below.

KATHRYN (AGE 8)

MAISIE & RUBY, YR3



JACK, YR4



AWESOME ART

Thank you to **JACK (AGE 8)** for sending us this wonderful underwater scene, featuring a White Shark chasing a fish.



FAMILY FUNDRAISING

Harrison wanted to do something to help sharks. So asked his family if they could all take part in the Bournemouth Supernova run. Big thanks to Harrison, his younger brother George (age 6), and his parents Michael and Miranda, who raised £127.

"I am fundraising for the sharks because I LOVE sharks!!! Many people think sharks are dangerous creatures, but they are not. This is my first event in raising money and awareness of sharks and hopefully I can help to protect them now and in the future."

HARRISON (AGE 8)



STAR LETTER



#I♥SharkTrust

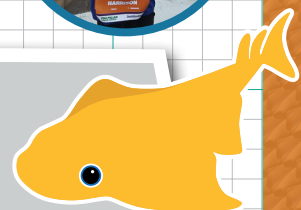
BY JORJA, AGE 11

Jorja sent us an amazing bundle of letters, petitions and art. She's been busy raising lots of awareness about sharks, collecting signatures and handing out posters and leaflets. She's even writing a book series, called The Shark Adventures, about a Megalodon, Megamouth and Reef Shark.

We were particularly impressed by Jorja's amazing picture of the Shark Trust logo, which she painted in watercolour. Thank you so much Jorja!

"You can tell I am OBSESSED with sharks. I think you do a great job encouraging young and old people to become more aware of the world around us. #I♥SharkTrust #I♥Sharks #SaveOurSharks".

FANTASTIC!



THE BLOWFISH SAYS

SHARKS HERE'S WHY MATTER...



I DON'T KNOW ABOUT YOU BUT I'M ALWAYS BEING ASKED WHY WE SHOULD SAVE SHARKS. ASK THE GREAT WHITE.

Top predators of the ocean, **WHITE SHARKS** hunt only the fastest prey. In this case, many White Sharks hunt seals. Now I know **SEALS** are cute, but you have to remember that seals are **PREDATORS** too, and they hunt **FISH**. Super fast and agile, once a seal gets a fish in its sights, it'll usually catch it. So, considering that seals can reproduce really quickly, too many seals could mean **NO FISH!!!** That's not good! So, this is where our White Sharks step in.

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Not many are **FAST** or **POWERFUL** enough to be able to hunt seals, and even then, not every **HUNT** is a success. White Sharks usually make **LEAPING ATTACKS** on seals from below, powering up with such force that they can lift them clean out of the water! It's a **TOUGH JOB**, but White Sharks make sure everything from seabirds to swordfish can get their fair share of the **FISHY FEAST!** And that the seals don't just hog it all for themselves!

WORDSEARCH

Discover more about where sharks live by finding all 21 words in the wordsearch below.

- | | |
|-------------------|-------------------|
| BAYS | OCEANIC |
| CAVES | PELAGIC |
| COASTAL | RIVERS |
| CORAL REEF | ROCK POOLS |
| DEEP-SEA | SAND |
| ESTUARIES | SEABED |
| FRESHWATER | SEAWEED |
| LAGOONS | SHALLOWS |
| MANGROVES | TEMPERATE |
| MARINE | TROPICAL |
| MUD | |

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