



NEWS DETECTIVES

TODAY'S NEWS STORY

Epic survival of world's 'unluckiest penguins'

KEYWORDS

- ☐ **Colony:**
A group of penguins
- ☐ **Iceberg:**
Large, floating piece of ice
- ☐ **Sea ice:**
Frozen ocean water
- ☐ **Global warming:**
Earth's rising average temperature



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BUILD YOUR KNOWLEDGE

Global warming is causing ice to melt in Antarctica. This threatens the species which live there by changing their habitats. Against the odds, these penguins chicks survived a huge iceberg that separated them from their mothers — and scientists can't work out how!

After a **colony** of penguin chicks were trapped by an **iceberg** that broke off from Antarctica earlier this year, scientists feared the worst. But these death-defying birds weren't going down without a fight!

Ice breaker

The shifting iceberg separated the baby birds from their mothers, which were out hunting for food. The iceberg was 15 metres high, meaning that the penguins could not climb over it.

This penguin colony was already under threat. Due to climate change, the **sea ice** that it lives on has become less stable.

Peng-win

Scientists watching this happen feared the worst. "I was dreading seeing that there wouldn't be anything there at all," said Peter Fretwell of the British Antarctic Survey.

But against the odds, these courageous chicks survived! How they survived remains a mystery, but Peter

thinks the penguins might have dived underneath the iceberg.

Slippery slope

Scientists warn that the penguins are still in danger due to climate change. **Global warming** can cause Antarctic ice to melt, which is dangerous for penguins that are too young to swim. "If your habitat changes then it's never good," says Peter Fretwell. These brave birds could soon find themselves in need of another miracle.





INVESTIGATION OF THE DAY

HOW CAN WE PROTECT ANIMALS FROM CLIMATE CHANGE?

WHAT
happened to
put the penguins
in danger?

WHO
were surprised
when the
penguins
survived?

WHERE
does the
penguin colony
live?

WHEN
did the iceberg
break away?

WHY
are the penguins
still in danger?

HOW
does Peter think
the penguins
survived?

1 TAKE ACTION

Did you know that penguins are also threatened by unsustainable fishing practices? It's true! Overfishing is reducing an important food supply for penguins. If you eat fish, why not ask your parents or guardians to check that they are buying from sustainable sources next time they go to the supermarket? If you don't eat fish, tell your friends who do!



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2 SHARE YOUR IDEAS

What have you found out in your investigation? Write, present or even record a piece that talks about how to shop in a sustainable way. Share what you've learned with your family and friends. What do they think? We want to hear your ideas too! Your teacher can share your reports with us too by sending them to editorial@theday.co.uk.

3 Build THE Change



CREATE YOUR DESIGN

Penguin habitats are changing due to global warming. So what would the perfect penguin habitat look like? What do penguins need to survive and be happy?

STEP 1:

Think about your design! What is a good source of food for penguins? What climate do they like? How can they be protected from predators and other threats?

STEP 2: Build the change!

Draw your perfect penguin paradise! If you have time, why not make it out of LEGO® bricks or other bits of recycled materials?

Share your genius
Show your work
to your class!



Upload a photo of your work to the **Build the Change** gallery by scanning the QR code and have your work displayed to inspire real-world change.

4 BUILDER OF THE WEEK

Every week we handpick one of the most inspirational designs from our online photo gallery to be our **BUILDER OF THE WEEK**. To get your creation featured here, ask your grown-up to take a photograph and upload it to our Build the Change gallery, using the QR code on this page.



This week we have a research facility which researches how to preserve rare sharks.

"GREAT WORK!"



This worksheet is available every weekday at 6:30am London time from <https://theday.co.uk/resources/news-detectives>. For any feedback or help please contact buildthechange@theday.co.uk. Thank you.

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