



NEWS DETECTIVES

TODAY'S NEWS STORY

Snow and storms spark wild start to winter

KEYWORDS

- ☐ **Storm:** Strong winds, rain and snow
- ☐ **Flood:** Overflow of water
- ☐ **Climate:** Long-term weather conditions
- ☐ **Vapour:** Substances in the air



© Chris Gallagher/Unsplash

BUILD YOUR KNOWLEDGE

Storm Bert brought heavy rain and high winds to the UK last week. This led to flooding, travel disruption and damage to properties. Many experts say that extreme weather is becoming more common due to climate change.

Winter is coming! And it is making itself felt across the UK, with over 500 homes and businesses flooded during **Storm Bert** last week.

Why 'Bert'?

In the UK, the weather authorities name storms to make communication about bad weather easier. This storm was given the name 'Bert'.

In October, the UK was also hit by Storm Ashley.

Another recent storm, Conall, led to 100 **flood** warnings being put in place. And last month, flurries of snow and freezing ice forced more than 200 schools to close across the UK.

Weather warning

In Wales, many people are upset that they were not given enough warning about the storm before it hit. Some people only learned about the flooding from neighbours banging on their doors.

Climate breakdown

Wales' First Minister Eluned Morgan said that £300 million had been invested to protect people since Storm Dennis hit Wales in 2020. She blamed the "changes in **climate**" for the flooding.

Scientists say that extreme rainfall has become more common due to climate change. This is because warmer air can hold more water **vapour**. So, is flooding just something we will all have to get used to?





INVESTIGATION OF THE DAY

DOES CLIMATE CHANGE CAUSE WEIRDER WEATHER?

WHAT
do scientists
think is causing
extreme rainfall?

WHO
is the Welsh
First Minister?

WHERE
did Storm
Dennis hit?

WHEN
did Storm
Ashley hit?

WHY
were people in
Wales angry?

HOW
many schools
closed due
to snow?

1 TAKE ACTION

Did you know that Britain isn't the only country that has experienced damaging floods this autumn? Why not read the news to find out about the effects that flooding has had in other places? What other countries have been affected? Have some had worse flooding than others?



© Jonathan Kemper/Unsplash

2 SHARE YOUR IDEAS

What have you found out in your investigation? Write, present or even record a piece that lists all the different places affected by flooding recently. 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

If climate change means that flooding is going to become more common, it is important that we find ways to protect people and buildings! What could be done to protect places from flooding?

STEP 1:

Think about your design!
Do we need to build walls along rivers? Don't forget to think about the possible effects on plants and animals!

STEP 2: Build the change!

Create your model flood defences. Why not use LEGO® bricks or recycled craft materials to built it.

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 an underwater observation tower, covered in plants to create it's own oxygen supply.

"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.

LEGO, the LEGO logo, the Minifigure, and the Brick and Knob configuration are trademarks and copyrights of the LEGO Group. ©2022 The LEGO Group. All rights reserved.