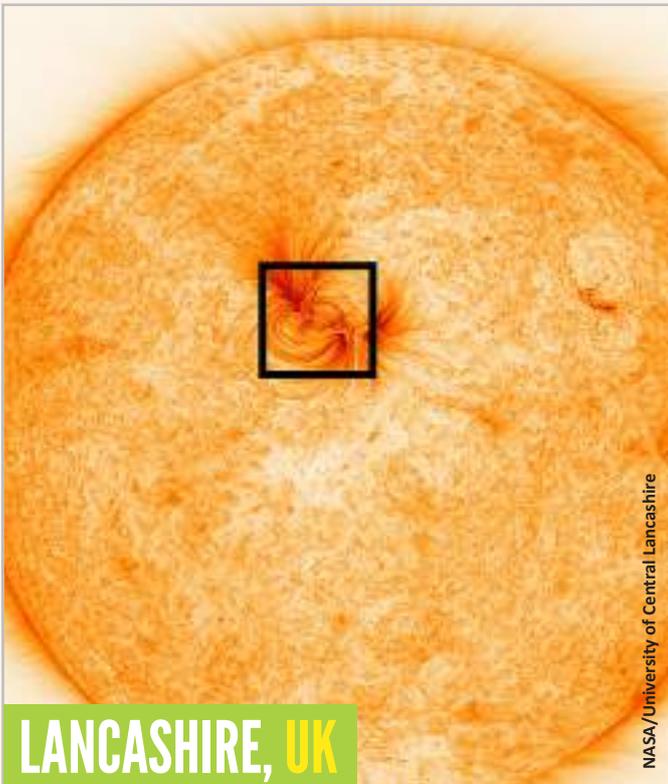


These stories are from pages 5 and 9 of *First News*. Read the stories, and then try the puzzle. To help you, we have underlined the answers to the crossword puzzle clues in the stories – but you will need to match the correct word with each clue!



## SPACE NEWS IN PICS



NASA/University of Central Lancashire

**LANCASHIRE, UK**

**RESEARCHERS at the University of Central Lancashire (UCLan) have revealed detailed, high-resolution images of the sun.**

They were taken by NASA’s High-Resolution Coronal Imager telescope (or Hi-C for short) and show the sun’s outer layer in detail for the first time. Fine magnetic threads filled with extremely hot, million-degree plasma can be seen in the stunning pictures.

# THE HUNGRY GALAXY

**THIS spiral galaxy, known as NGC 4651, contains what American space agency NASA calls “a violent secret”.**

A spiral galaxy is, as the name suggests, a swirling collection of stars and gas, just like our own Milky Way. Most galaxies are spiral, but some are known as elliptical and irregular. The middle of a spiral galaxy is thought to contain a super-massive black hole.

So what is this “violent secret”? NASA experts think NGC 4651 has consumed another smaller galaxy! It gobbled up its neighbour, though NASA isn’t sure when.

The Hubble Space Telescope took the picture below, but it can be observed with a household telescope too, even though it’s 35 million light years away!

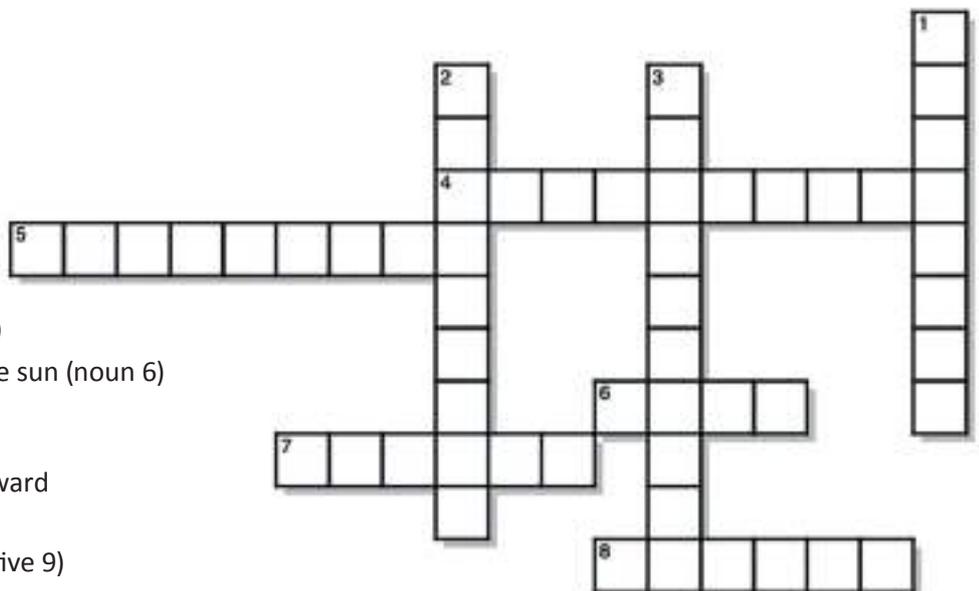


### ACROSS

- 4) See 6 across
- 5) An instrument that allows people to see distant objects (noun 9)
- 6 and 4) Showing a large amount of detail in a photograph (adjective 4-10)
- 7) A group of stars, gas and dust particles that move together through the universe, eg, the Milky Way (noun 6)
- 8) A very hot gas in the outer layer of the sun (noun 6)

### DOWN

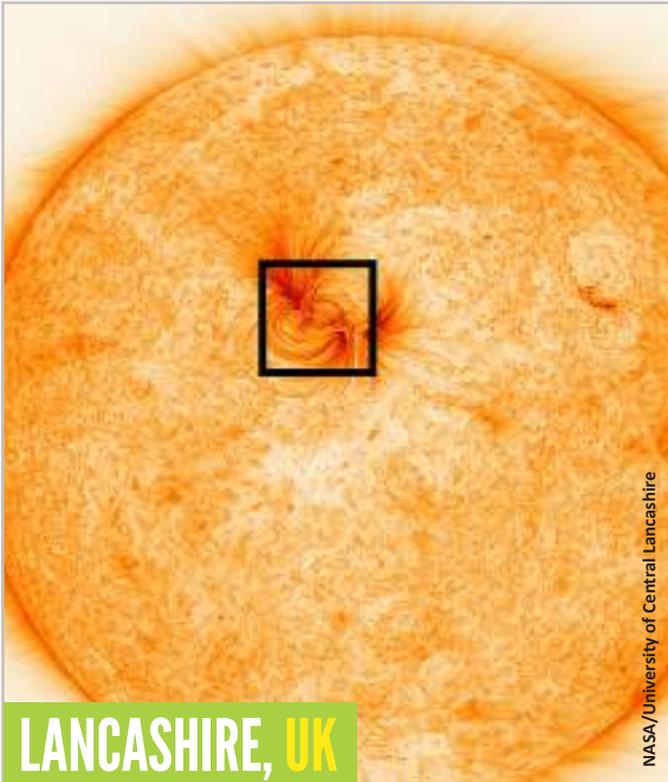
- 1) Able to pull certain types of metal toward itself (adjective 8)
- 2) Not the usual or regular shape (adjective 9)
- 3) Oval shaped (adjective 10)



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