

New Scientist

WEEKLY 15 March 2025

**DOES EDUCATION HELP
PREVENT DEMENTIA?**

RARE GLIMPSE INSIDE
THE GALACTIC CENTRE

**STRANGE SHAPES HERALD
MATHS BREAKTHROUGH
OF THE CENTURY**

GET YOUR ENERGY BACK

The surprising reason you
feel tired all the time –
and what to do about it



PLUS AFGHANISTAN'S ALL-FEMALE ROBOTICS TEAM /
DO WE ALL SEE THE SAME COLOURS? / **SATURN'S 128 NEW MOONS /**
WHY GREENLAND SHARKS DON'T GET CANCER

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Toxic relationship

Octopus mating involves a nasty sting **p11**

'Supersolid' light

Light turned into a strange flowing solid for the first time **p15**

Quantum disorder

Entropy may depend on who is observing it **p16**

Space waves

Vast wave of dust once engulfed the solar system **p16**

Norovirus vaccine

Early trials suggest pill could offer lasting immunity **p18**



Astronomy

The sands of time and space

THIS hourglass-shaped cloud is an actively forming star system called Lynds 483, photographed by NASA's James Webb Space Telescope. For thousands of years, the two protostars at its centre have been ejecting gas and dust. The dark areas on either side are where there is so much dust that light can't get through, creating its distinctive shape.