SCIENCE WEEK
#scienceweek
11-18 Nov 2018

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WHY DO WE SAY RED SKY IN THE MORNING SHEPHERDS WARNING?
If the sky is red at night, it means there is high pressure to the west bringing dry weather. If the sky is red in the morning, there is high pressure to the east bringing wet and windy conditions.

IS IT POSSIBLE FOR CHICKENS TO LAY EGGS IN SPACE?
Yes! In 1990 a quail aboard the Russian Soyuz TM-10 spacecraft laid an egg while travelling to the Mir space station in 1990.

HOW FAR DO GERMS TRAVEL WHEN WE COUGH?
Powered by the diaphragm, abdominal and rib muscles, each cough expels thousands of saliva droplets at up to 160km/h (100mph). Each droplet is potentially laden with viruses or bacteria and can travel up to two metres, depending on size.

HOW DO YOU GET BRAIN FREEZE?
Brain freeze is caused by the cold liquid contracting the blood vessels in the roof of the mouth - this stimulates a nerve called the trigeminal nerve, sending a pain signal to the brain.

HOW DO SCIENTISTS WEIGH A PLANET?
We weight a planet by using Newton’s Law of Gravitation to measure the gravitational pull in proportion to the planet’s mass.

Science week is an initiative of Science Foundation Ireland. Find out more about events and resources at www.scienceweek.ie