

New Scientist

WEEKLY July 29 - August 4, 2023

EIGHT LIFESTYLE CHOICES LINKED TO LIVING DECADES LONGER

SIGNS WE MAY BE FACING A HISTORICALLY BAD EL NIÑO

THE QUEST FOR A PERFECT SUNSCREEN

SPECIAL ISSUE

LIVING WITH AI

What the rise of artificial intelligence means for the world – and for you

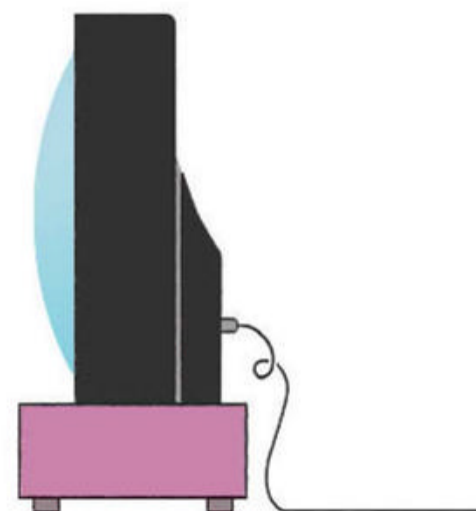
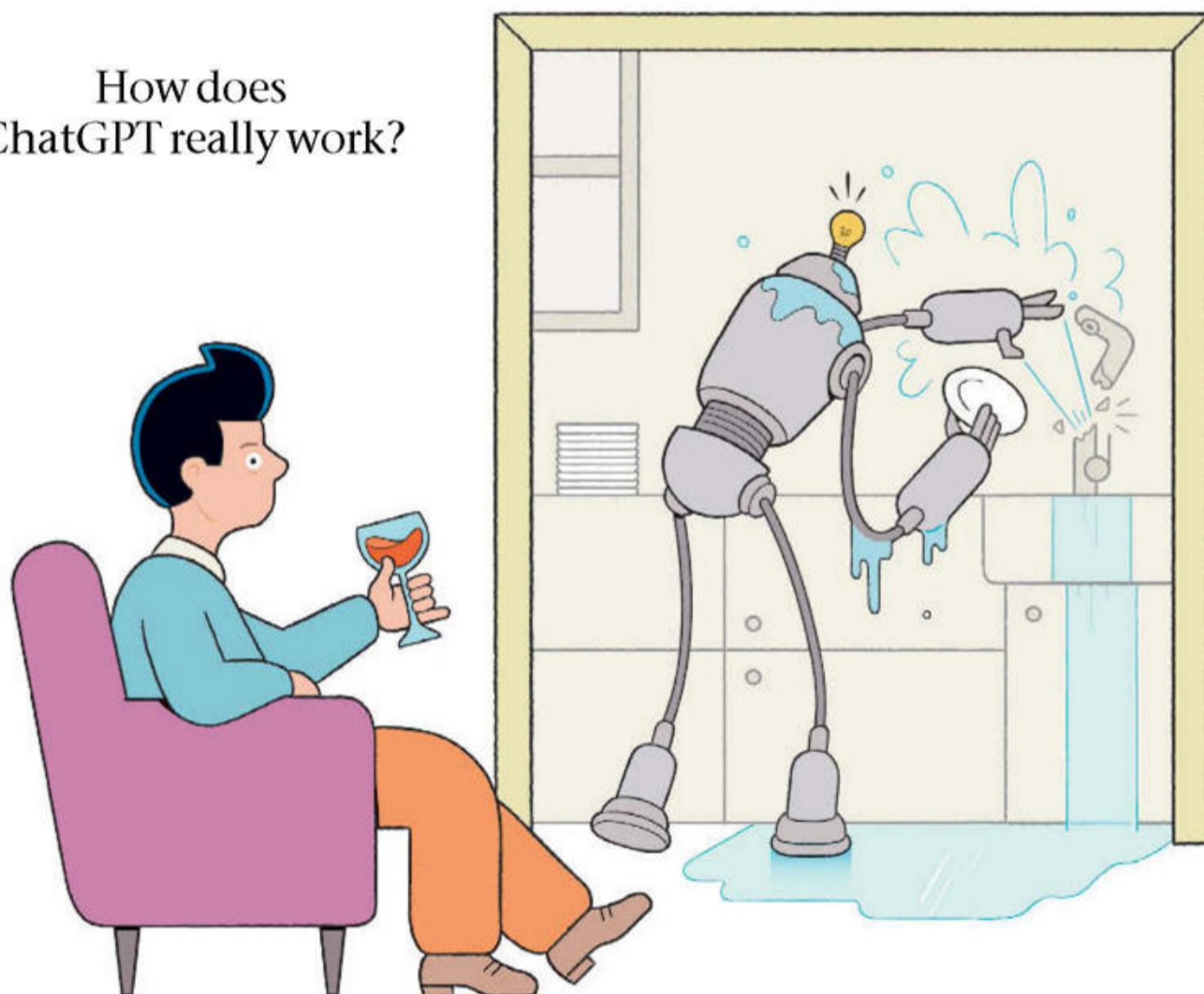
What AI can do to make your daily life easier

Why AI is about to transform the economy

The biggest scientific challenges that AI is already tackling

How does ChatGPT really work?

Can AI ever become conscious?



PLUS MOON DUST ON EARTH / **TWITTER BECOMES X** / FAKE BEE BLOOD / **TWO-FACED STAR** / WHY WE LOVE OWLS

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Able to remember

People can be more aware during CPR than we thought **p8**

Genetic favouritism

Your genes may affect how much fruit or salt you eat **p9**

Brain monitoring

Flexible probe reads signals deep inside rats' brains **p13**

Physics conundrum

Newton's first law of motion breaks at the quantum level **p15**

Maternal instinct

Older orca mothers protect their sons from conflicts **p18**



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Environment

Rhodes wildfires seen from space

Thousands of people have been forced to evacuate as wildfires spread from the mountains of the Greek island of Rhodes to the coast. A Copernicus satellite captured this image of the ongoing blaze on 23 July. The month is shaping up to be the hottest on record and an analysis has found that climate change made the heatwaves that have hit North America and Europe at least 1000 times more likely.