LIFE:
What is it?
Where is it?
How do we find it?

SATURN
TITAN
a moon of Saturn

What lies within and below Titan's thick atmosphere?

MARS

Does water on Mars mean life on Mars?

EUROPA
an ice-covered moon

Does life exist in a liquid water ocean on Europa?

COLD

HOT

DEEP

OCEAN DEPTHS

ACID

This acidophilic fungus lives in low pH and high metal concentrations in the water

These bacteria live in liquid water pockets deep in the lake ice

Photonsynthetic bacteria thrive in the warm margins of hot springs

These bacteria live in saline groundwater trapped below permafrost in the mine

Tube worms are often part of hydrothermal-vent ecosystems

ASTROBIOLOGY