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

SATURN
TITAN
JUPITER
EUROPA
MARS

What lies within and below Titan's thick atmosphere?

Does life exist in a liquid water ocean on Europa?

Does water on Mars mean life on Mars?

COLD
HOT
DEEP
OCEAN DEPTHS
ACID

COLD
Hot springs are often part of hydrothermal-vent ecosystems

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

DEEP
Photosynthetic bacteria thrive in the warm margins of hot springs

OCEAN DEPTHS
These bacteria live in saline groundwaters trapped below permafrost in the mine

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

ASTROBIOLOGY