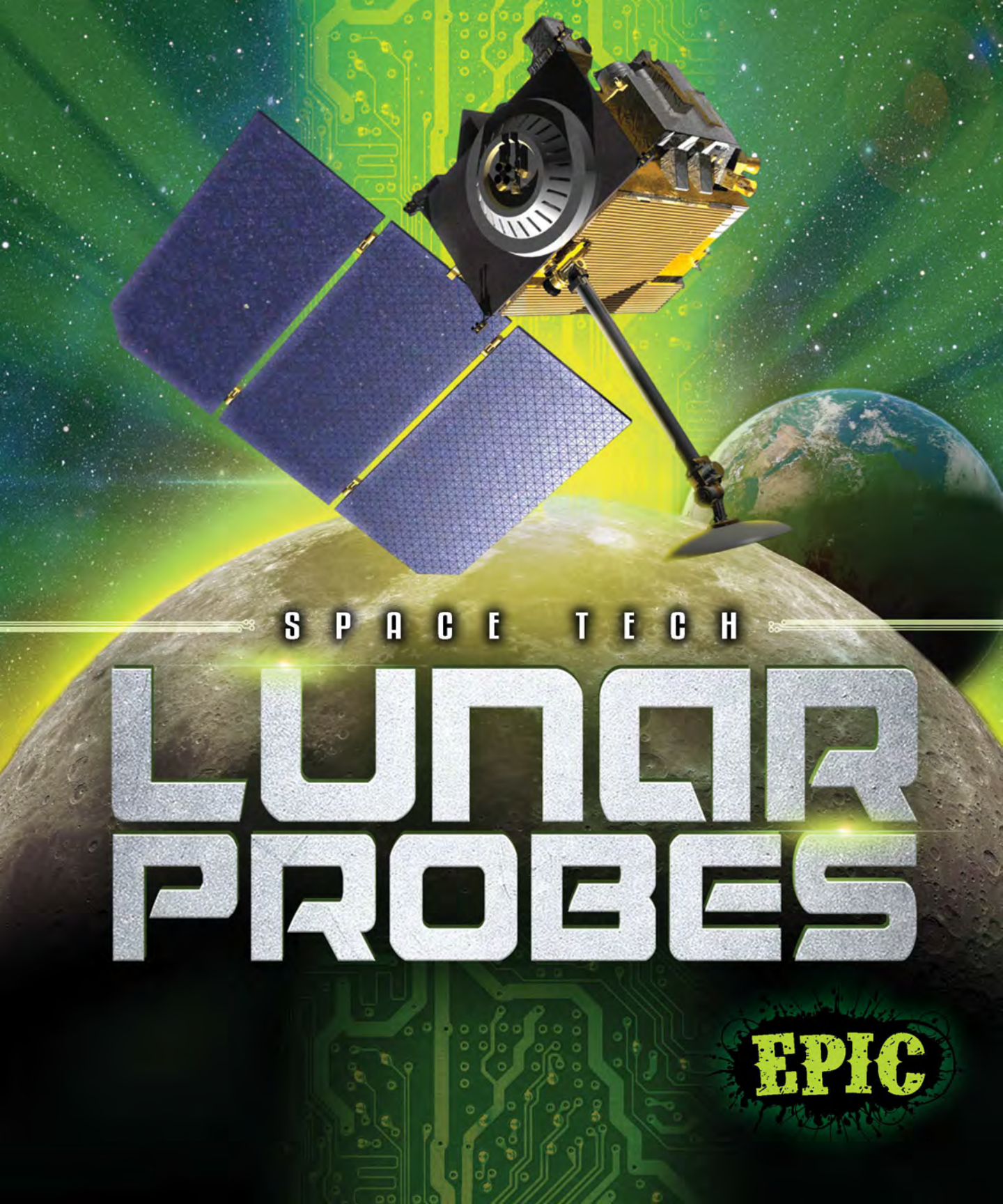




SPACE TECH

LUNAR PROBES

EPIC

TABLE OF CONTENTS

LUNAR PROBE AT WORK!	4
WHAT IS A LUNAR PROBE?	6
PARTS OF LUNAR PROBES	10
LUNAR PROBE MISSIONS	14
LCROSS SATELLITE SPECS	20
GLOSSARY	22
TO LEARN MORE	23
INDEX	24

LUNAR PROBE AT WORK!

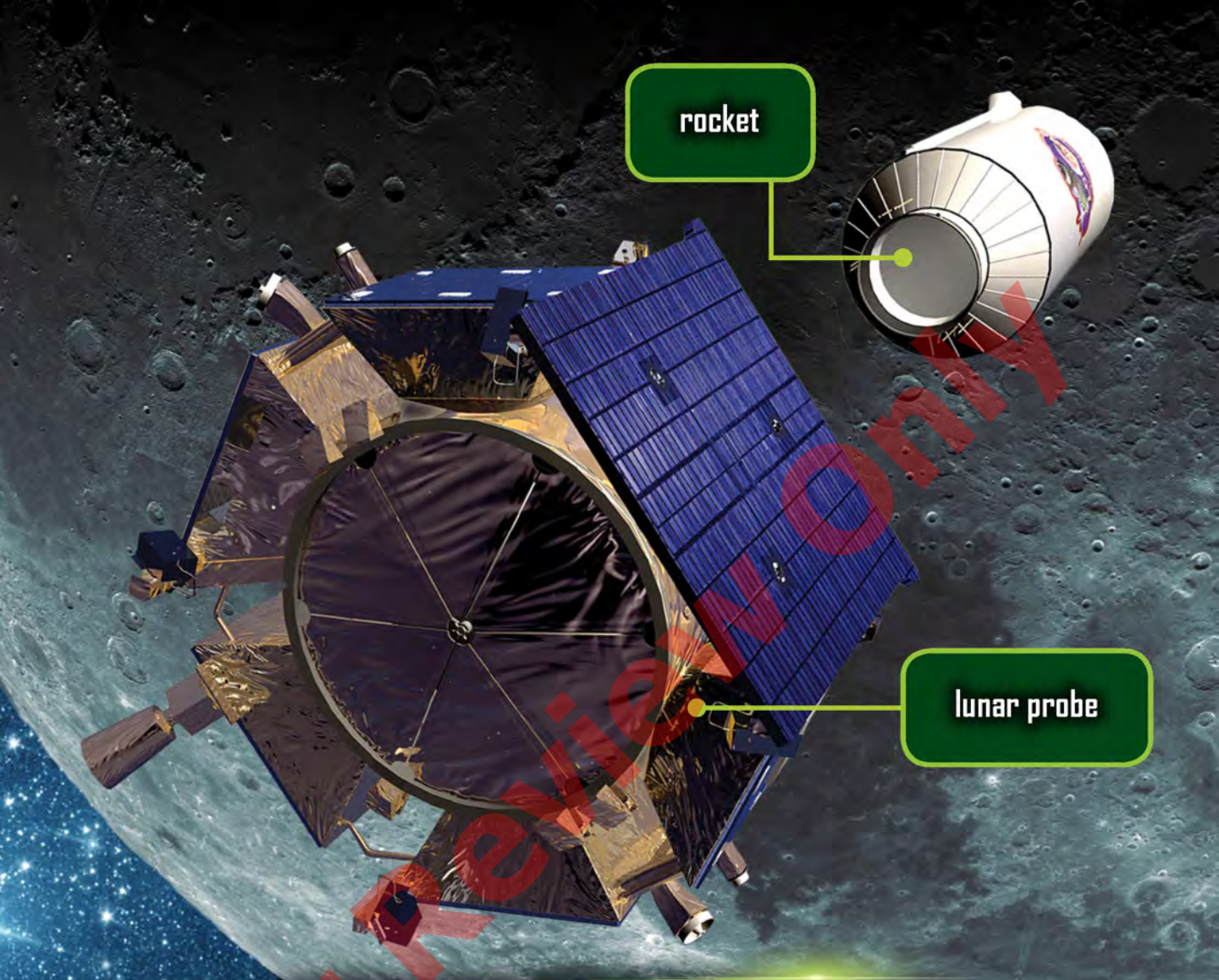
It is October 2009. A **NASA** lunar probe speeds toward the moon. When it lands, a cloud of **vapor** and dust rises up. This tells scientists that water may exist there. Maybe the moon can support human life!



0000000000
0110000000
0000000100
0010000000
1110000000
0000000000
1101000000

0000000000
0110000000
0110000000
0000000000
0110000000
0000000000
1101000000

0000000000
0110000000
0110000000
0000000000



rocket

lunar probe

LIFE ON THE MOON!

In the future, the moon may be a base. Trips into outer space may start there.



WHAT IS A LUNAR PROBE

Lunar probes are space machines that explore the moon. These probes carry lots of tools for **research**. They do not need humans with them. Their findings are sent back to scientists on Earth.



**NASA
scientists**

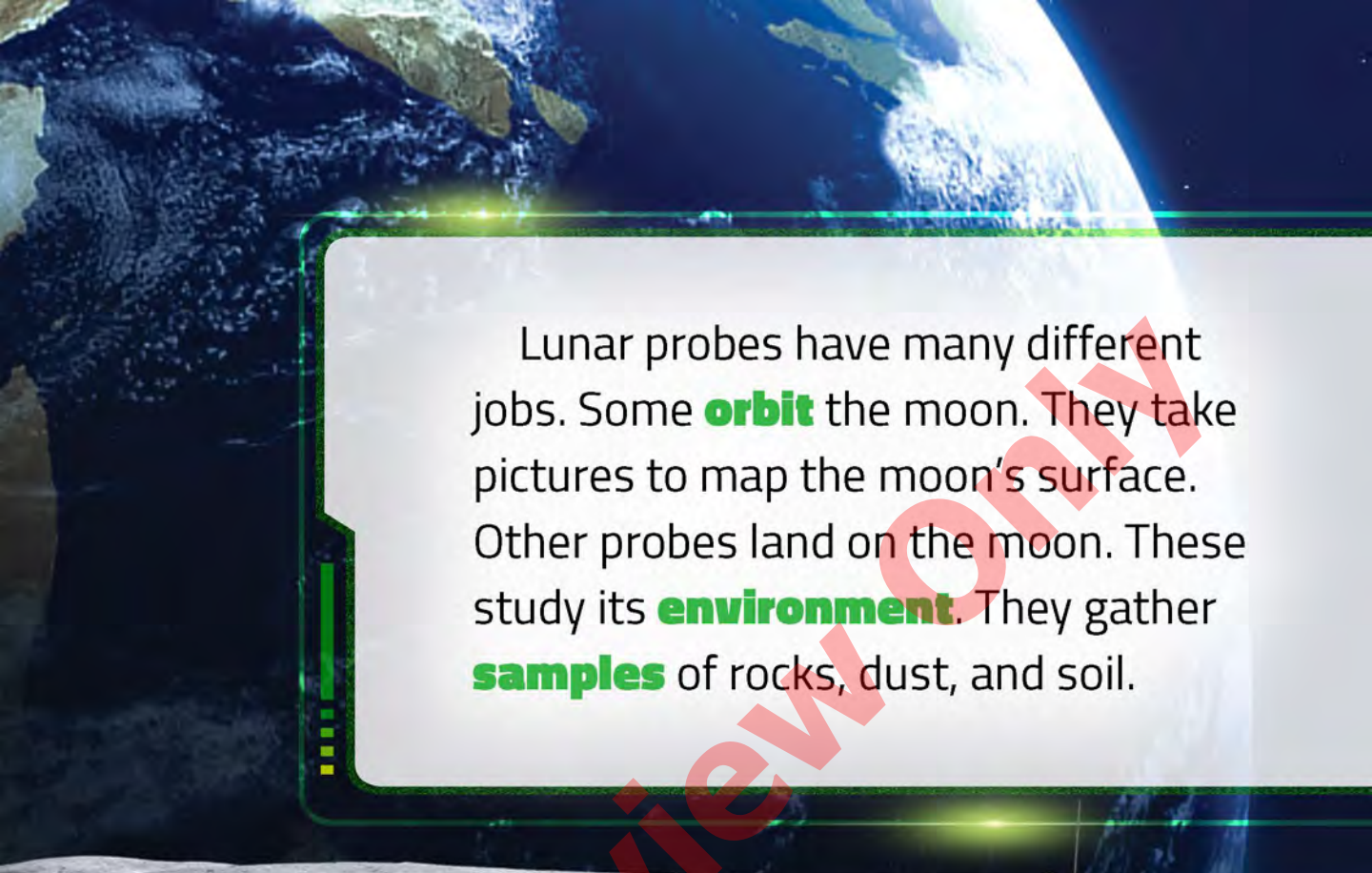


LUNAR EXPLORATION!

More than 70 probes have
been sent to the moon
over the past 50 years.







Lunar probes have many different jobs. Some **orbit** the moon. They take pictures to map the moon's surface. Other probes land on the moon. These study its **environment**. They gather **samples** of rocks, dust, and soil.



AROUND THE MOON AND BACK!

Some parts of lunar probes that orbit the moon are able to return to Earth.

