Name: _____ **HOMEWORK** **Points:** _____

Reading Explorer Foundations, Third Edition
Video Worksheets



Unit 1: Moon Mystery

Fill in the blanks with the correct words from the box.

scientists	conditions	planet	surface
astronomers	robot	discovered	ingredient

Jupiter is the largest [1]_____ in the solar system. It is so big that 1,300 Earths could fit inside it. Due to its size, it also has a huge number of moons. So far, 79 have been [2]_____, but there could be more. Of those 79, one moon is especially interesting to scientists—Europa.

It is thought that this mysterious moon might be home to other forms of life. [3]_____ have known about Europa for a long time. It was discovered in 1610 by Galileo Galilei. However, [4]_____ still do not know much about it.

Europa is slightly smaller than Earth's moon, but it looks very different. Europa's [5]_____ is covered in ice. Long lines across the moon show where the ice has cracked. It is thought that beneath the ice is a salty, water ocean, and it is here that scientists think there might be life. Water is known to be an important [6]_____ for life to exist.

The ocean water on Europa would be very cold, but scientists have found life in similar [7]_____ on Earth. Future missions to Europa are being planned. Many scientists would like to send a [8]_____ to the moon's surface. Once there, a robot could drill through the ice, perhaps even deep enough to reach the ocean below. But for now, the icy moon's secrets remain a mystery.

LIVEWORKSHEETS