

## Life on Jupiter's Icy Moon

Jupiter is the (0) **largest** planet in our solar system. It (1) \_\_\_\_\_ up of many different kinds of gases. It is (2) \_\_\_\_\_ big that 1,300 Earths (3) \_\_\_\_\_ fit inside Jupiter! It also has 63 moons. Some of (4) \_\_\_\_\_ moons are like small planets, and (5) \_\_\_\_\_ are pieces of frozen rock and ice. Studying Jupiter's moons has helped scientists (6) \_\_\_\_\_ more about the solar system. But the moon that scientists (7) \_\_\_\_\_ in most is Europa.

The conditions on Europa (8) \_\_\_\_\_ it the most likely place in the solar system, (9) \_\_\_\_\_ Earth, to have life. It (10) \_\_\_\_\_ in a layer of ice, and some scientists believe a liquid ocean lies (11) \_\_\_\_\_ the icy surface. If this is true, Europa may have simple forms of life in (12) \_\_\_\_\_ oceans. The creatures on Europa would probably be (13) \_\_\_\_\_ to see without a microscope. But the idea of (14) \_\_\_\_\_ at all living on Europa is very exciting.

Right now, we cannot (15) \_\_\_\_\_ Europa because it is too cold and too far away to send people (16) \_\_\_\_\_. The spacecrafts and robots we have are not (17) \_\_\_\_\_ to land on the surface. But scientists have big plans. In the future, they hope to send one robot to melt some of the ice on Europa's surface, and (18) \_\_\_\_\_ robot to swim through its oceans. (19) \_\_\_\_\_ information that these robots gather could change what we (20) \_\_\_\_\_ about life on Earth.