

1. Describe each of the 3 conditions needed for life to exist (according to current day astrobiologists).

2. Now, a competition begins. Take notes on how each of the following Jovian and Saturnian moons include one or more of the above conditions in order to make a statement at the end of your note-taking on which is the most likely host of ET life in our solar system.

Io:

Europa:

Enceladus:

Titan:

3. At the conclusion of the additional programs shown on Europa and Titan, make a final decision on the following question and justify it with an explanation – *Which of these moons includes the most ideal combination of conditions for life on it so that NASA and the ESA should send a AI probe to it to find the life that may exist there?*