

## Callisto™: Space Innovation Tour – Discussion Questions

Name: \_\_\_\_\_ Class: \_\_\_\_\_

**Directions:** After the tour, dive into discussion with your class using any of the following discussion questions. A variety of questions at different difficulty levels are provided below.

### Beginner Discussion Questions:

- 👉 What was the most interesting fact you learned on the tour? What were you most surprised by?
- 👉 Why might an astronaut want to have video communication to Earth while traveling to deep space?
- 👉 How might the Callisto technology improve life for astronauts in the future?
- 👉 If you were traveling to the moon in the Orion spacecraft, what skills would you want programmed into the Voice AI Assistant? How could it improve your life onboard the spacecraft?
- 👉 How might the whiteboard collaboration and annotation (writing on images) help future astronauts?
- 👉 What telemetry data points do you think are most important for engineers on Earth to collect?

### Intermediate Discussion Questions:

- 👉 The Callisto payload is an experiment. How do you think engineers would know if this experiment was successful?
- 👉 Among the jobs you saw during the tour, which job inspires you most? What other technology jobs do you think are interesting? What are the top qualities required to perform in these jobs?
- 👉 What are some of the benefits of technology that you saw today? What are some of the potential drawbacks?
- 👉 How could Amazon, Lockheed Martin, Webex, and our society work to limit the drawbacks and maximize the benefits? What laws or policies could be put in place?
- 👉 Technology is always evolving. In twenty years, what do you think space travel will look like?

Thank you for joining us on an **Amazon Future Engineer Tech Tour!**