1. Hercules

A highly advanced remotely operated vehicle

A highly advanced being from the plot of the classic story A Scarlet Letter

A highly advanced robot at a furniture factory

A roman god

1. Which of the following is mentioned as a main task of robots?

To perform tasks that require more brain power than we possess

To perform tasks that we find too dangerous or tedious to do ourselves

To come up with solutions to large-scale societal problems

To increase the GDPs of the countries that create them

1. What does Hercules do?

Deep sea exploration

Tropical jungle exploration

Underground exploration

Mars exploration

1. Which of the following is not a feature of Hercules?

Predator arm

Remote control

Lights, Camara, Action

AI guidance

1. Which of the following is one of the functions of a predator arm?

Pick up, transport, and install equipment

Collect geological samples to help learn about the composition of Mars

Protect the robot from falling rocks or large animals

None of the above - Hercules doesn’t have a predator arm

1. Which of the following is true about Hercules’s remote control?

It allows pilots to move the robot while sitting safely inside of Hercules

It allows Hercules to move at speeds of up to 5 meters per second

It allows pilots to control both its arm and its thrusters

None of the above - Hercules doesn’t have a remote control feature

1. Which of the following is true about the lights, camara, action feature of Hercules?

Hercules has a total of 16 cameras

Hercules’ lights run on 100% solar power

Hercules has a combination of both video and still camaras

None of the above - Hercules doesn’t have a lights, camara, action control feature

1. Which of the following is true about Hercules’ AI guidance?

It warns pilots about incoming dangers

It helps Hercules decide which samples to store in its limited sample space

It helps guide the precise movements made by Hercules

None of the above - Hercules doesn’t have an AI guidance feature

1. Which of the following can be seen with Hercules?

Hydrothermal vents

Rarely seen tree canopy life

Deep crust minerals

Potential signs of life on Mars

1. What kinds of people can build robots?

Only people that look like your science teacher

Only people that look like Hip Hop MD

Only robots that can build other robots

All kinds of people, including you

Open-ended questions:

1. If you could make any improvement to the current design of Hercules, what improvement would you make?
2. Why are robots like Hercules important?
3. Do you think Hercules is a good name for the robot that was discussed in the video? Why or why not?