



X-STEM All Access - Coolest Minds in STEM

[Astronaut Zena Cardman](#) and

[Dr. Moogega Cooper](#)

September 24, 2021

[Watch Here](#)

TEACHER & PARENT TIPS:

Prior to the video, ask students to read the speaker biographies on our [website](#). To keep students engaged during the session, we have listed some key facts to look for during the talk, listed below. In addition, ask the students to answer a list of follow-up questions for a deeper analysis of the subject matter. Some sample questions are listed on page 2 of this worksheet.

Looking for more talks? Our video library filters the videos by subject matter to make the selection process easier for your lesson plans. Access the video library here:

[X-STEM All Access Videos](#) | [X-STEM Symposium Videos](#) | [Festival Videos](#)

ENGAGEMENT & FACT QUESTIONS:

[Zena Cardman, NASA Astronaut- read her biography before the talk here](#)

Where do astronauts do their space walk training while on earth?

What are some things astronauts study while on the International Space Station?

What is Zena's favorite field of study?

[Dr. Moogega Cooper, Planetary Protection Engineer -read her biography before the talk here.](#)

By what year does the Artemis program anticipate having astronauts on the moon?

What is the purpose of planetary protection?

What was the Jezero Crater on Mars billions of years ago?

