



During the Lunar Quest mission, all students are exposed to the following 21<sup>st</sup> Century Skills:

<b>Learning Skills:</b>
<b>Critical Thinking:</b> Students troubleshoot, make informed decisions, and find solutions to problems.
<b>Creativity:</b> Students think outside the box and use their background knowledge and imagination to develop solutions.
<b>Collaboration:</b> Students work closely with their peers to conduct experiments, share ideas, and collect data.
<b>Communication:</b> Students consistently communicate their predictions and findings with their teammates.
<b>Literacy Skills:</b>
<b>Information Literacy:</b> Students collect data, conduct experiments, read informational texts, and analyze data.
<b>Life Skills:</b>
<b>Flexibility:</b> Students learn to deviate from plans and make quick decisions based on new data.
<b>Leadership:</b> Students take turns leading their peers through mission events and experiments.
<b>Initiative:</b> Students are tasked to make quick decisions and formulate conclusions from data that can change the course of the mission.
<b>Productivity:</b> Students are expected to stay focused and on task to complete their experiments to ensure mission success.
<b>Social Skills:</b> Students must interact with all team members and their Flight Directors to successfully complete the mission.

