

4 - Exceptional**3 - Proficient****2 - Developing****1 - Emerging****Planning Phase****Thorough Research**

Conducted extensive research on Mars colonization, demonstrating deep understanding and utilizing multiple reliable sources.

Conducted sufficient research on Mars colonization, demonstrating a good understanding and utilizing a few reliable sources.

Conducted basic research on Mars colonization, demonstrating a basic understanding and utilizing limited sources.

Did not conduct enough research on Mars colonization, demonstrating a limited understanding and relying on unreliable sources.

Creative Colony Design

Developed an innovative and highly detailed colony design, considering various aspects such as sustainability, safety, and inclusion.

Developed a thoughtful colony design, considering key aspects like sustainability, safety, and inclusion.

Developed a basic colony design, but some aspects like sustainability, safety, and inclusion could be further developed.

Developed a simple colony design, with limited consideration for sustainability, safety, and inclusion.

Building Phase**Effective Use of Fortnite Assets**

Utilized a wide range of Fortnite assets effectively, creating intricate and realistic structures for the Martian colony.

Utilized various Fortnite assets appropriately, creating functional structures for the Martian colony.

Used a few Fortnite assets, but some structures for the Martian colony could be improved.

Used limited Fortnite assets, resulting in basic structures for the Martian colony.

Application of STEM Knowledge

Demonstrated an exceptional application of STEM knowledge in designing solutions for Mars colonization, incorporating advanced concepts creatively.

Demonstrated a proficient application of STEM knowledge in designing solutions for Mars colonization, incorporating fundamental concepts effectively.

Demonstrated a developing application of STEM knowledge, but some concepts need improvement in designing solutions for Mars colonization.

Demonstrated an emerging application of STEM knowledge, with limited use of concepts in designing solutions for Mars colonization.

**Presenting/Sharin
g Phase****Clear and Engaging Presentation**

Delivered an engaging and clear presentation, effectively communicating ideas with enthusiasm and creativity.

Delivered a well-structured presentation, effectively communicating ideas with clarity and confidence.

Delivered a somewhat organized presentation, but some ideas were not clearly communicated.

Delivered a disorganized presentation, with unclear communication of ideas.

Collaborative Teamwork

Actively collaborated with team members, valuing and incorporating diverse perspectives, contributing equally to the project's success.

Collaborated well with team members, respecting diverse perspectives, and contributing to the project's success.

Participated in some collaborative efforts but could improve in respecting diverse perspectives and contributing to the project's success.

Had difficulties collaborating with team members, resulting in limited contribution to the project's success.