



MARS BASE: NOW ACCEPTING APPLICATIONS



PARTICIPANT HANDOUT

INSTRUCTIONS FOR THE EXECUTIVE COMMITTEE

The Martian habitat currently has an enclosed living and working area fit for a limited number of people. This area includes sleeping and eating quarters, work stations, a science laboratory, and some important materials shipped from Earth such as sheets of metal and parts which can be assembled to create tools for various purposes.

Your team will select individuals whom you think would be essential for Martian Habitable Base Phase 1. The people chosen should have the skills and experience required to support your committee's goals.

Your team will need to brainstorm requirements for the base and will **choose three goals** by circling them and **add two new goals** to accomplish. (10 minutes)

PHASE 1 MARTIAN HABITAT MANAGEMENT GOALS

- Create a self-sufficient community
- Expand the living dome for future phases
- Establish communication infrastructure on Mars
- Create a large-scale waste management system to be usable for large populations (300 people or more)
- Create a sustainable greenhouse system for optimal growth of food
- Conduct science experiments to assess the Martian landscape and the effects of Martian gravity on the body

- _____
- _____

BRAINSTORMING CAREERS OR SPECIALITIES OF INTEREST (20 minutes)

Which careers and skills would help your team achieve its goals stated above?

Quick Interviews

1. What is your career or specialty?

2. What are your major contributable skills?

3. Do you have any limitations?

4. Describe why you would be a good choice for Martian Habitable Base Phase 1.

The executive committee can come up with other questions to ask during the interview.

Post-Interview Reflection

What would be some **advantages** of having this professional on Mars for Phase 1?

What would be some **disadvantages** of having this professional on Mars for Phase 1?

Do you believe this candidate would be beneficial for Phase 1 of the Martian habitat? Explain your reasoning.



INSTRUCTIONS FOR THE PROFESSIONALS

The Canadian Space Executive Committee released a call for professionals to live and work on the Martian Habitable Base during Phase 1. Phase 1 is a four-year development phase to create a self-sufficient community for the future of science research and technology, space travel, tourism, and immigration.

It is your dream to work and live on Mars. You must convince the committee that your skills and experience make you uniquely qualified for this mission.

The interview is **today** and you are given **30 minutes to prepare**. To help you prepare, fill out the form titled “Résumé for Martian Habitable Base Phase 1” (see example below). After 30 minutes of preparation, you will be assigned to a random committee member whom you must convince that you are qualified and ready to live and work on the Martian base. Use your completed résumé to help you answer the interviewer’s questions.

When the interview is finished, complete “Post-Interview Reflection” with one or more professionals.

Example: Résumé for Martian Habitable Base Phase 1

PROFESSION: Veterinarian

TECHNICAL SKILLS:

- Extensive knowledge of animal biology, medicine, and surgery
- Specialty in livestock animals

EXPERIENCE:

- 5 years of experience in companion animal medicine
- 10 years of experience in livestock and large-animal medicine and well-being

GOALS:

- To help raise animals for companionship or for livestock purposes on Mars

LIMITATIONS:

- Requires animals, medical equipment, and medications to successfully perform job on Mars



Résumé for Martian Habitable Base Phase 1

PROFESSION:

SKILLS:

EXPERIENCE:

GOALS:

LIMITATIONS:



Post-Interview Reflection

Discuss the questions below with one or more of the other working professionals.

1. In general, how did you find the interview?

2. Which question did you find easiest to answer? Which question did you find hardest to answer?

3. Do you feel the answers you provided in the interview were adequate? Why or why not?

4. If you were to repeat the interview, what would you change?

