

MISSION TO MARS



**A CHOOSE YOUR
CREW ACTIVITY**

Name: _____



Mission to Mars

Instructions:

The United States government needs your help. A two-year life experiment has been authorized to figure out how well people would be able to handle a trip to Mars. Current technology predicts it will take 8 months on board the spacecraft to travel to Mars, 8 months to actually be on Mars, and 8 months to return home. Your job is to select a crew of 7 people out of the 12 that have volunteered and justify why you would bring those people. Items to include for all 7 would be the following:

How to Show Your Crew:

- PowerPoint
- Prezi
- Other Ideas?
- Brochure
- Poster
- Essay

Terms to Know:

Optimist – A person who has a more positive outlook

Pessimist – A person who has a more negative outlook

Intrinsic – A person who is motivated by themselves

Extrinsic – A person who is motivated by outside sources (money, rewards, etc.)

Introvert – A person who prefers to be alone or with a smaller group of people

Extrovert – A person who prefers large groups of people rather than being alone

What is So Special about Mars?

NASA has been studying Mars for many years trying to figure out if human life could exist on our closest planet. The main issue is water and oxygen. Human life needs water to survive so if Mars is discovered to have a water supply then the possibility becomes greater. Just getting to Mars is a challenge, but other factors about Mars need to be considered if humans are someday going to live there. Here are four:

Factor #1:

It is COLD on Mars! Mars might reach 70°F at the Equator at noon and then quickly drop, but it can get as cold as -225°F at the poles! This is just way too cold for humans to endure.

Factor #2:

Mars isn't as big as the Earth. In fact Mars is about half the size of Earth and many people say Earth is already overcrowded.

Factor #3:

It is windy on Mars. The wind blows on average about 20 mph on Mars and sometimes gets up to 60 mph. To put that in perspective, a Category 1 Hurricane starts at 74 mph.

Factor #4:

The soil has a lot of iron in it which is why it gives off that rusty color. That, combined with the lack of water, and different atmospheric conditions would make growing vegetation impossible.

Mission to Mars Crew Candidates

John Anderson

Age: 43
I.Q.: 112
Health: good (some lung problems from smoking)
Education/Training: 2 years college, 2 years army
Work Experience: 15 years farming successfully
Intrinsic or Extrinsic: Intrinsic
Optimist or Pessimist: Optimist
Introvert or Extrovert: Extrovert
Relationship Status: Divorced (One daughter)



Meredith Anderson

Age: 13
I.Q.: 120
Health: Excellent
Education/Training: 7th grader, passed baby-sitting class
Work Experience: Baby-Sitter for 2 years
Intrinsic or Extrinsic: Intrinsic
Optimist or Pessimist: Optimist
Introvert or Extrovert: Introvert
Relationship Status: Likes a boy in her science class 😊



Brenda Davis

Age: 50
I.Q.: 140
Health: Fair (slight heart murmur)
Education/Training: Master's Degree in Psychology
Work Experience: Psychologist, specializes in stress (25 years)
Intrinsic or Extrinsic: Extrinsic
Optimist or Pessimist: Pessimist
Introvert or Extrovert: Introvert
Relationship Status: Married for 28 years (4 kids)



Roger Trudelle

Age: 27

I.Q.: 104

Health: Excellent

Education/Training: High School Graduate

Work Experience: 8 years on an oil rig

Intrinsic or Extrinsic: Intrinsic

Optimist or Pessimist: Optimist

Introvert or Extrovert: Extrovert

Relationship Status: Married (2 kids)



Genevieve Garcia

Age: 23

I.Q.: 105

Health: Fair

Education/Training: High School Graduate

Work Experience: 1 year selling Real Estate (made \$400,000)

Intrinsic or Extrinsic: Extrinsic

Optimist or Pessimist: Optimist

Introvert or Extrovert: Extrovert

Relationship Status: Single (no children)



Robert Lindquist

Age: 60

I.Q.: 127

Health: Good

Education/Training: College Graduate (Business Degree)

Work Experience: Bank President (30 years)

Intrinsic or Extrinsic: Intrinsic

Optimist or Pessimist: Optimist

Introvert or Extrovert: Extrovert

Relationship Status: Married 39 years (3 kids, 8 grandchildren)



Michael Hanson

Age: 45
I.Q.: 135
Health: Fair
Education/Training: High School Graduate
Work Experience: Plumber (24 years)
Intrinsic or Extrinsic: Intrinsic
Optimist or Pessimist: Pessimist
Introvert or Extrovert: Introvert
Relationship Status: Widower (3 children)



Rebecca Johnson

Age: 31
I.Q.: 142
Health: Good
Education/Training: PhD in Computer Science
Work Experience: Professor for 3 years
Intrinsic or Extrinsic: Extrinsic
Optimist or Pessimist: Optimist
Introvert or Extrovert: Extrovert
Relationship Status: Widow (1 child/Elijah)



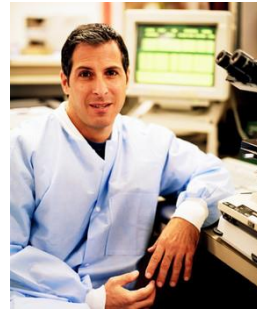
Elijah Johnson

Age: 8
I.Q.: 170
Health: Excellent
Education/Training: 3rd grade student
Work Experience: None
Intrinsic or Extrinsic: Intrinsic
Optimist or Pessimist: Optimist
Introvert or Extrovert: Introvert
Relationship Status: Single (still thinks girls have cooties)



David Greenbow

Age: 33
I.Q.: 125
Health: Fair (Uses a cane due to car accident 9 years ago)
Education/Training: Master's Degree in Chemistry
Work Experience: 10 years as a Chemistry Teacher
Intrinsic or Extrinsic: Extrinsic
Optimist or Pessimist: Pessimist
Introvert or Extrovert: Introvert
Relationship Status: Married (2 kids, wife is pregnant)



Sophia Lawrence

Age: 39
I.Q.: 145
Health: Poor (cancer...doctors say she has 3 years to live)
Education/Training: Medical Degree
Work Experience: 9 years as ER doctor
Intrinsic or Extrinsic: Intrinsic
Optimist or Pessimist: Optimist
Introvert or Extrovert: Extrovert
Relationship Status: Married (1 child...6 months old)



Miles Bernard

Age: 54
I.Q.: 132
Health: Excellent
Education/Training: Highly Trained in Electronics
Work Experience: 25 years navy, 10 years private sector
Intrinsic or Extrinsic: Extrinsic
Optimist or Pessimist: Optimist
Introvert or Extrovert: Introvert
Relationship Status: Divorced twice/Remarried (no children)

