Mars Explorers Unite: A Cosmic Adventure for Kids



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MARS FACTS



- 4th planet from the Sun
- Looks like a red dot
- among the stars
- Smaller than Earth
- 4 seasons like Earth
- Atmosphere 1% of ours
- Colder than Earth
- Olympus Mons
- 2 moons
- Water on Mars
- No astronauts to Mars yet

Question: Which of the following statements about Mars are true?

- 1. Five NASA astronauts have surfed on Mars.
- 2. Mars is located between Venus and Earth.
- 3. You need spacesuits to live on Mars.
- 4. Mars is bigger than the Earth.
- 5. Mars has 5 seasons like here on Earth.
- 6. Mars is warmer than the Earth.
- 7. Mars has 5 moons just like Earth.





How would you get to the Mars?





Question: Why does the Mars Curiosity Rover drive backwards?

- A. Its transmission is stuck in reverse gear
- B. It doesn't know the difference between forward and backward
- C. It is in a one-way street and doesn't know how to turn around
- D. To reduce wear on the wheels

Wheel of Mars Curiosity rover after 10 years of operations



NASA's Perseverance Mars rover landed on Mars on February 18, 2021. It took this selfie over a rock nicknamed "Rochette," on September10, 2021

Perseverance's Sol 200 Auto-Nav Drive on September 12, 2021

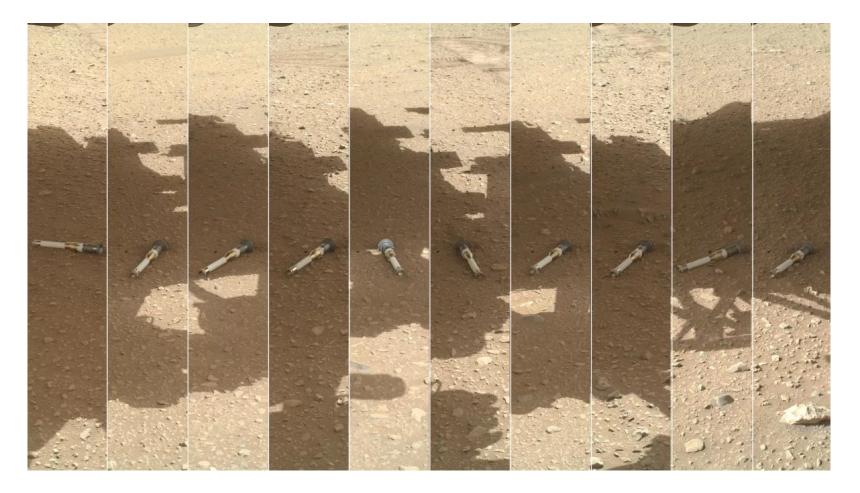








Caching Samples at Three Forks (10 samples)





If you could only bring 5 things with you to Mars, what would you take?

- 1. Candy
- 2. Spacesuit
- 3. All your toys
- 4. Water
- 5. You pet dog or cat
- 6. Healthy food
- 7. Your collection of video games
- 8. Radio to talk to your Mom and Dad
- 9. Ice cream and cake
- 10. First Aid kit



Want to Live on Mars

by Kasia the Martian

Oh yeah, I'll tell you somethin' Red dot among the stars When I see that shinin' I want to live on Mars I want to live on Mars I want to live on Mars

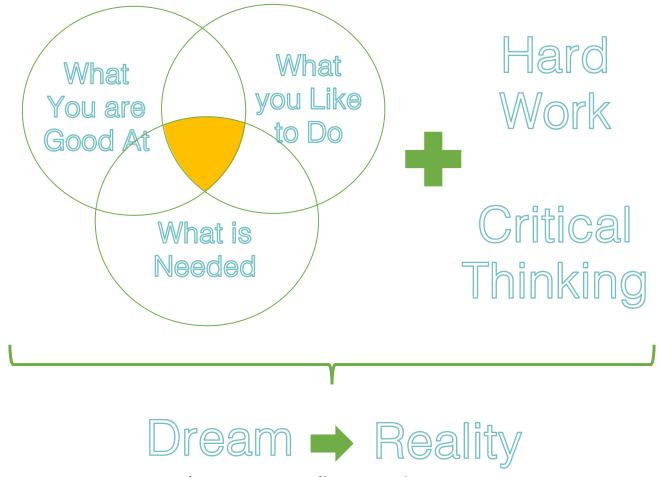
Oh please, say to me You'll let me roam the stars And please, say to me You'll let me live on Mars Now, let me live on Mars And climb Olympus Mons

But if we go there You'll need thermal attire At negative 200...really – You might die... You could die... You will die! Yeah, Mars has those microbes (theoretically) Red dot among the stars Dormant in its Ghost Dunes I want to live on Mars I want to live on Mars I want to live on Mars

You'll need to wear that Helmet constantly Coz' without O2 present, you... Can't breathe You can't breathe You can't breathe!

Yeah, Mars has that somethin' Red dot among the stars When I see it shinin' I want to live on Mars I want to live on Mars I want to live on Mars And climb Olympus Mons





Idea to "How to Reach for the Stars!" Based on Graphic from MiMi Aung*

* Former Mars Helicopter Project Manager

