

MISSION TO KENNEDY SPACE CENTER Field Investigation #7 — Next Giant Leap For Mankind



Crew	Members	Present for	Investigation:
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Date of Investigation:	
Problem: How long would it take to get to the Moon and Mars by walking, biking, of	driving

a boat or car, flying in a jet or rocket?

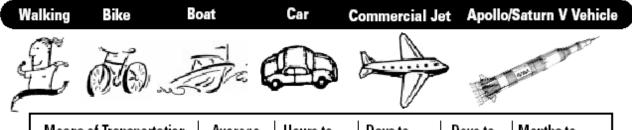
Scientific Background: The Moon is approximately 380,000 km from Earth. At its closest point, Mars is about 56,000,000 km from Earth.

Materials: calculator

Procedure:

- 1. Fill out chart in Journal.
- 2. To find hours, divide the distance by the speed. Round answers to the nearest whole number.
- 3. To find days, divide the number of hours by 24. Round your answers.
- 4. To find days, divide the number of days by 30. Round your answers.

Journal:



Means of Transportation to Moon	Average Speed	Hours to the Moon	Days to the Moon	Days to Mars	Months to Mars
Walking	5 kph				
Bicycling	10 kph				
Speed Boat	50 kph				
Car	90 kph				
Commercial Jet	800 kph				
Apollo/Saturn V Vehicle	5,300 kph				

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Learn about NASA's proposals for sending humans to Mars at: http://spaceflight.nasa.gov/mars