

Mars Scavenger Hunt



Teachers Information:

For this activity your students will be instructed to complete the following scavenger hunt about Mars. Attached is a list of several items that the students may choose to do. Although there are many items listed, they will not be required to complete all the items. The students can choose the items that most interests them.

The items vary in points depending on the time requirements of each. The grade they receive on this project depends on the number of points they earn. The students may choose to do more than the required items for extra credit.

Grading:

The project will be graded as follows:

A	90-100 points
B	80-89 points
C	70-79 points
D	60-69 points
F	below 60 points



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Students:

- Please note that you must complete each item to a satisfactory degree in order to receive the full credit that is listed.
- For each item you complete, you must provide a list of references. Items may be turned in as they are completed.

Points	Options
25	List all past and current NASA missions to Mars. Give the name, dates and explain the purpose of each mission. Be sure to note whether or not the mission was successful and what type of information was gathered.
10	Give a listing of times when Mars can be viewed in our nighttime sky. Also include the location of the planet in the sky.
50	Visit the Mars exhibit at Adler Planetarium. Write a one-page report on the exhibit. Include an admission ticket with a parent's signature.
50	Design and build a model of a vehicle that could be used for transport on the surface of Mars. Include a detailed explanation of your design choice. For example, what type of fuel will your vehicle use? Overall design must be based on conditions on Mars. Labeled model must be brought into school.
10	On page report explaining who Percival Lowell was and what he had to do with Mars.
30	Create a game that involves answering questions about Mars.
15	Create a poster of Mars identifying its main geological features.
20	Scientists are changing their views about life on other planets such as Mars, due to some of the places on Earth where life has been found. List 3 instances that life has been found under extreme conditions here on Earth.
30	Write a short science fiction story about Mars. The story should be based on scientific facts, but take place in the future. Minimum 2 pages.
30	Find and describe two Indian or ancient myths concerning Mars.
10	Explain what the names Mars, Phobos and Deimos mean.
10	Find 5 articles concerning Mars from current (this year's) newspapers, magazines or journals.