

## MARS SCAVENGER HUNT

### Objective

Upon completion of this activity, students will be able to:

- provide information about Mars.
- conduct research.
- create a bibliography.

### Instructional Time

45 minutes–1 week, or longer

### Materials

“Mars Scavenger Hunt” Student Worksheet

Internet

Library books

Textbooks

Arts Supplies (If providing)

Pencils/Pen

### Procedure

1. Distribute the class activity sheets.
2. Explain the concept of a scavenger hunt.
3. Allow students to work with a partner, or complete the scavenger hunt on their own.
4. Make available any necessary materials.
5. Provide students with a final date in which all items must be turned in.
6. Use the tally sheet to assess student projects and assign scores.

Student Name \_\_\_\_\_ Date \_\_\_\_\_

## MARS SCAVENGER HUNT

### POINTS EARNED TALLY SHEET

ITEM #	POINTS POSSIBLE	POINTS EARNED	TEACHER COMMENTS
1	10		
2	10		
3	10		
4	10		
5	15		
6	20		
7	25		
8	30		
9	30		
10	30		
11	50		
12	50		

Student Name \_\_\_\_\_ Date \_\_\_\_\_

## **MARS SCAVENGER HUNT**

Attached is a list of several items you may choose to do. Although there are many items listed, you will not be required to complete all the items. Choose the items that most interest you. Items vary in points depending on the time requirements of each. 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. You may choose to do more than the required options for extra credit. Each student will have a file that will have points listed as they are earned.

**DIRECTIONS.** Complete the following scavenger hunt on Mars. The grade you receive on this assignment depends on the number of points you earn. Refer to the table below:

<b>GRADE</b>	<b>POINTS EARNED</b>
<b>A</b>	<b>90-100 POINTS</b>
<b>B</b>	<b>80-89 POINTS</b>
<b>C</b>	<b>70-79 POINTS</b>
<b>D</b>	<b>60-69 POINTS</b>
<b>F</b>	<b>BELOW 60 POINTS</b>

Use the table below to keep track of items completed and points earned.

<b>ITEM #</b>	<b>POINTS EARNED</b>
<b>1</b>	
<b>2</b>	
<b>3</b>	
<b>4</b>	
<b>5</b>	
<b>6</b>	
<b>7</b>	
<b>8</b>	
<b>9</b>	
<b>10</b>	
<b>11</b>	
<b>12</b>	
<b>TOTAL:</b>	

Student Name \_\_\_\_\_ Date \_\_\_\_\_

## MARS SCAVENGER HUNT

ITEM #	POINTS	REQUIREMENTS
1	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.
2	10	One page report explaining who Percival Lowell was and what he had to do with Mars.
3	10	Explain what the names Mars, Phobos and Deimos mean.
4	10	Find 5 articles concerning Mars from current (this school year's) newspapers, magazines or journals.
5	15	Create a poster of Mars identifying at least 10 of its main geological features.
6	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 and explain 3 instances that life has been found under extreme conditions here on Earth.
7	25	List all past and current NASA missions to Mars. Give the name, dates and an explanation of the purpose of each mission. Be sure to note whether or not the mission was successful and what types of information was gathered.
8	30	Create a new game that involves answering questions about Mars.
9	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.
10	30	Find and describe two Indian or ancient myths concerning Mars.
11	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 to school.
12	50	Design a web page or power point about Mars. Include a history of Mars, geographical features, and exploration of Mars; past, present and future.