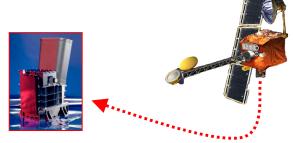


### **Earth / Mars Comparisons and Introduction to MSIP and THEMIS Images**

| The Mars Student Imaging Project is sometimes called   |   |  |  | for s                                | short.   |
|--|---|--|--|--------------------------------------|----------|
| 2. The Scien   | nce Process involves:   | a. Idea / T  | opic   |                                      |          |
|  | b. Preliminary<br>Hypothesis Developm   |  |  | h W                                  | /ork     |
|  |   |  |  |                                      |          |
| Season Communication Communica | see to the |  |  | g. Write-up                          | _ report |
| c. Experime  | nt  | Wilderstand or control of the contro | And the second s |                                      | _        |
|  | ý.  | Too Too had  | Town to 100000 11000000  Bill of the Control of the | f. Gathering, Analy and Interpreting |          |
|  | d. Proposal Developme   | ent  |  |                                      |          |
|  | e. Co   | mpetition (for use   | of the   | camera)                              |          |

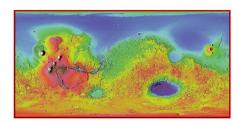


3. The name of the spacecraft the camera is on is the \_\_\_\_\_spacecraft.



- 4. The name of the camera MSIP student scientists can use is \_\_\_\_\_\_.
- 5. This camera's full name is:





- 6. The \_\_\_\_\_\_ topography map uses color to show the different elevations on Mars. The colors blue and purple indicate \_\_\_\_\_\_ elevations and the colors red and white indicate \_\_\_\_\_\_ elevations.
- 7. Earth and Mars are **alike** in that they both: (list your observations):



8. Earth and Mars are **different** in that they: (list your observations):



- 9. In looking at the globe of Mars, list at least **three** geologic features or observations:
  - a.
  - b.
  - C.



For the rest of the slides, take notes on the information and observations of topics and features discussed that are found on both Earth and Mars and are seen in THEMIS visible images.

#### **General Topic: Mountains, Volcanoes and Volcanic Features**

### **General Topic: Canyons and Canyon Features**



# **General Topic: Aeolian (Wind Related) Features**

|  | THEMIS Images |
|--|---------------|
|  |               |
|  |               |
|  |               |
|  |               |

## **General Topic: Craters and Crater Features**

|  | THEMIS Images |
|--|---------------|
|  |               |
|  |               |
|  |               |
|  |               |



# **General Topic: Water Related Features**

|  | THEMIS Images |
|--|---------------|
|  |               |
|  |               |
|  |               |
|  |               |