



# MARS STUDENT IMAGING PROJECT

## ASU MARS EDUCATION PROGRAM



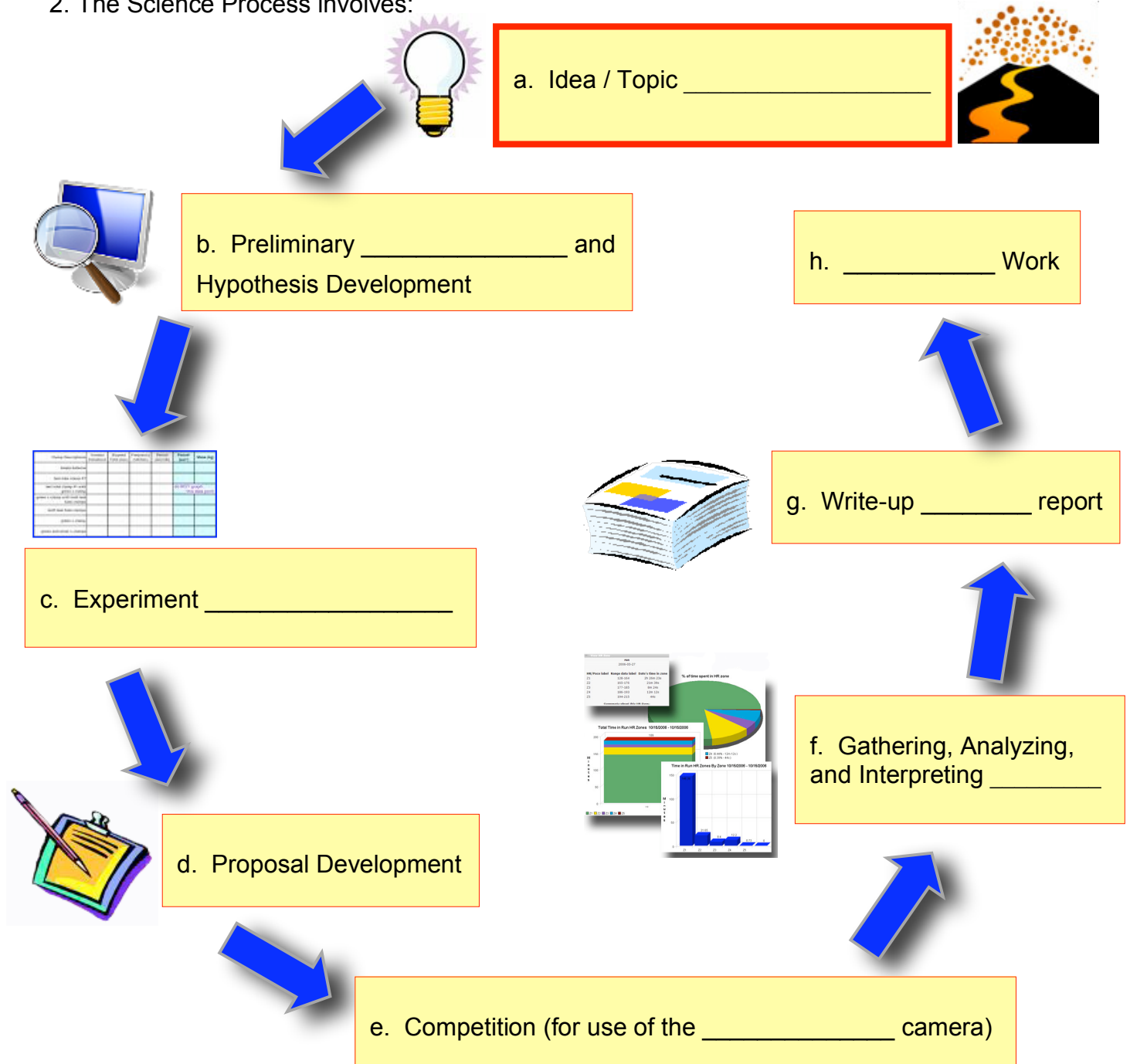
Name \_\_\_\_\_

Date \_\_\_\_\_

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

1. The Mars Student Imaging Project is sometimes called \_\_\_\_\_ for short.

2. The Science Process involves:



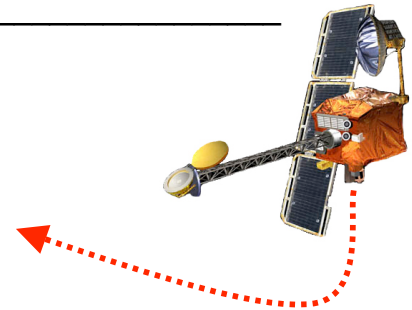


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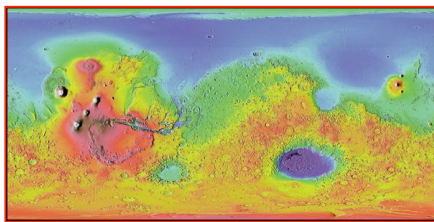
3. The name of the spacecraft the camera is on is the \_\_\_\_\_ spacecraft.



4. The name of the camera MSIP student scientists can use is \_\_\_\_\_.

5. This camera's full name is:

**Th** ..... **Em** ..... **Im** ..... **Sy** .....

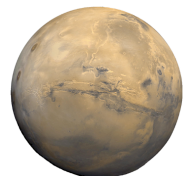


6. The \_\_\_\_\_ topography map uses color to show the different elevations on Mars. The colors blue and purple indicate \_\_\_\_\_ elevations and the colors red and white indicate \_\_\_\_\_ elevations.

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.





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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

		THEMIS Images

## General Topic: Canyons and Canyon Features

		THEMIS Images





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## General Topic: Aeolian (Wind Related) Features

		THEMIS Images

## General Topic: Craters and Crater Features

		THEMIS Images





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## General Topic: Water Related Features

		THEMIS Images