**MISSION TO MARS Name: \_\_\_\_\_\_\_\_\_\_\_\_ Blk: \_\_\_\_**

**PART 1:** Divide paper in half, and summarize both missions:

**Your Mission to Mars The Martian**

**PART 2:**  Answer 2 of the following 3 questions (*at least one paragraph each in your notebook)*

1. Should people colonize Mars if we haven't "fixed things" here on Earth?  Explain.
2. How is your Mission to Mars (a) similar to, and (b) different from, "The Martian" mission?
3. **If you were in charge of Earth's space programs** (NASA, CSA, ESA, China, *etc*), **where would you go and why?**

**PART 3:**   Imagine you are an astronaut on YOUR mission to Mars.  Something goes wrong!  Tell the story of what happens, using your knowledge of realistic space travel and Mars.  (Movie/Short Story/Comic)

Five categories of assessment in Earth Science rubrics – **INQUIRING, PLANNING, APPLYING KNOWLEDGE, COMMUNICATING, and RESEARCH.**

**This assignment** will be graded on the following three:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Criteria** | **10-9** | **8-7** | **6-5** | **5-0** |
| **PLANNING**  -planning your mission to Mars | All 8 stations are complete with unique and large amount of detail, and explanations. | All 8 stations are complete with a good amount of detail. | Most of the 8 stations are complete, limited detail. | Most stations are missing. No details included. |
| **APPLYING KNOWLEDGE**  -applying your knowledge of the science of Mars and space travel | Knowledge of science is applied accurately and realistically in all questions and your disaster story. | Knowledge of science is mostly applied accurately and realistically in your questions and disaster story. | Knowledge of science is applied occasionally applied accurately and realistically in your questions and disaster story. | Knowledge of science is not applied in your questions and disaster story. |
| **COMMUNICATING**  -communicating your knowledge of science clearly | Your questions and story are engaging and the science is communicated clearly, creatively, and logically. | The science in your questions and story is mostly communicated clearly and logically. | The science in your questions and story is occasionally communicated clearly. | The science in your questions and story is rarely communicated clearly. |