

Week 1: Introduction to Mars Celebration

- 1. Overview of the Solar System (2 periods)
- 2. Introduction to Mars Celebration Project (2 periods, Internal Dialogue)
- 3. Research Tools and Skills (2 periods total, Reading Informational Text)

Week 2: Investigating Mars

- 3. Research Tools and Skills Continued
- 4. Investigate Mars (2 periods, Identifying Important Details)
- 5. Selecting Team Rover Missions(2 periods, Writing a Scientific Question)

Week 3: Designing the Mission

- 6. Mission Measurements(2 periods, Defining Missions)
- 7. How do I measure this? Features(2 periods, Inference/ Draw Conclusions)
- 8. Where is the best place to make these measurements?

Week 4: Understanding Rovers

- 9. Spacecraft Structure and Design (3 periods- Reading Strategies)
- 10. Landing, Moving, and Surviving Conditions (2 periods, Persuasive Writing)

Week 5: Designing and Building

- 11. Brainstorm and Preliminary Design (2 periods, Concept Maps)
- 12. Final Design (Captions and Diagrams)
- 13. Construct Mock-Up (3 periods)

Week 6: Writing and Presenting

- 13. Construct Mock-Up Continued
- 14. Manual and Skit (2 periods- Writing a Skit)
- 15. Present Skits and Rovers (2 periods)