### Field Trip Guide

#### The Earth in the Solar System

*Earth and Space Science*

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<td><strong>Museum Lobby</strong></td>
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Reinforce student learning by asking questions such as:

- What do you notice?
- How do you know?
- Why do you think that?
- Have you ever seen anything like this before?

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*Thank you for being a Museum chaperone!*
Learn about the Solar System

**Cosmic Light**
*Red Wing, Level 1*

Large-scale color photographs of celestial objects offer a window on the universe, revealing the births and deaths of stars, the vastness of space, and the stunning light of our Sun. Gain a physical understanding of our solar system, and how our infinitesimal planet compares to our stellar neighbors, nearby galaxies, and beyond.

**Starting Points:**
- Compare the size and location of different planets in the solar system. How long would it take to get there?
- What is it like on each planet's surface?

**Charles Hayden Planetarium**
*Red Wing, Level 1*

Separate timed ticket required.

**Explore the Solar System (Grades 3 – 5)**
Explore our beautiful solar system including the Sun, planets, moons, and newly discovered objects that are changing the way we view our neighborhood in space.

**Explore the Galaxy (Grades 6 – 8)**
Witness the lives and deaths of stars, hear about newly discovered solar systems, and experience firsthand the size and scale of the Milky Way as we explore our home galaxy in space.

**Starting Points:**
- What kinds of objects are in a solar system? A galaxy?
- What are some differences between stars and planets?

**To the Moon**
*Blue Wing, Level 1*

Learn about NASA's Apollo program that sent 20 people into space, including the first humans to set foot on the Moon. Crawl into the "Apollo Command Module," and watch the first Moon landing from the cockpit seats!

**Starting Points:**
- What are some of the challenges that scientists faced while trying to get to the Moon?
- How do you think these models compare to the types of technologies astronauts are using now?

**Cahners ComputerPlace**
*Blue Wing, Level 1*

Discover the many different ways that computers and robots can help us learn about our world. Program a Mars Rover and explore the challenges engineers face when designing robots to investigate other planets.

**Starting Points:**
- Why might we want to investigate the surfaces of other planets?
- What can a Mars Rover do differently than an astronaut?
THE GREEN WING, LEVEL 2 IS CLOSED for construction of the Museum’s newest large-scale exhibit, the Hall of Human Life. Please check mos.org for updates.
What Did You Learn about the Solar System?

Please answer the following questions with your students, then return this page to the teacher.

Chaperone’s Name: ____________________________________________________________

As a group, write about three experiences or exhibits that you enjoyed.

1. _______________________________________________________________________
   _______________________________________________________________________

2. _______________________________________________________________________
   _______________________________________________________________________

3. _______________________________________________________________________
   _______________________________________________________________________

Choose two group members to draw or describe interesting things that you saw:

1. _______________________________________________________________________

2. _______________________________________________________________________

What is one question about the solar system that your group wants to learn more about?

__________________________________________________________________________

__________________________________________________________________________

__________________________________________________________________________

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