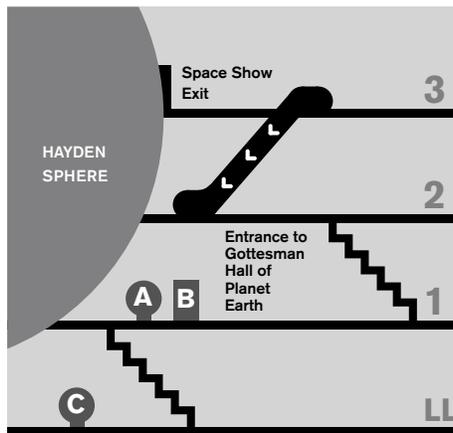




THE JOURNEY CONTINUES...

Now that you've landed on the Moon, it's time to take a closer look. Visit these exhibits to investigate the Moon and human space exploration.

Rose Center for Earth and Space



See What the Astronauts Saw

Check out **photographs of Apollo missions** to the Moon throughout the 1st floor of the Rose Center.

- How does the Moon look different than Earth? How does it look the same? _____

- What do you think it would be like to walk on the Moon? _____

INVESTIGATE THE MOON

EXPLORE a Moon model

A Rose Center, 1st floor & Gottesman Hall of Planet Earth

Touch the surface of this bronze Moon model.

- Can you feel the craters? How has the Moon been shaped by collisions? _____

- Compare the near and far sides of the Moon. Why do you think they are similar or different? _____

- **BONUS:** Can you find the Aitken Basin and mare that you saw during the show?

Then enter the Gottesman Hall of Planet Earth and explore the bronze Earth model (try spinning it). It represents the solid surface of Earth without the water.

- Can you find home? What do you see on this model that you normally don't see on a map? _____

- How do the surfaces of the Moon and Earth compare? _____

MOON Connection

Scientists study the differences between Earth and the Moon to determine what it will take for future astronauts to survive there.

- What are some of the differences between the Moon and the Earth? _____

- What are some of the hazards that astronauts will face on the Moon? _____

INVESTIGATE **GEOLOGY**

EXAMINE a Moon rock

B Rose Center, 1st floor & Gottesman Hall of Planet Earth

Look for the Moon rock within the wall near the bronze Moon model. It was retrieved by Apollo 15 astronauts.

• What does it look like? _____

• What is it made of? _____

Enter the Gottesman Hall of Planet Earth and explore the How Do We Read the Rocks? section.

• Which rock sample looks similar to the Moon rock? What type of rock is it? _____

• Do you think the Moon rock is igneous, sedimentary, or metamorphic? Why? _____

Next visit the Effusive Volcanism section and find the basalts from Hawaii.

• Read the panel text. How do basalts form? _____

• Since the Moon rock is a basalt, what does it tell you about the Moon? _____

MOON Connection

Scientists study the Moon's geology to understand its formation, structure, and composition.

• What do we learn about the formation of the Moon by studying its rocks? _____

• Why is it important for scientists to understand lunar geology if we are planning to inhabit and explore the Moon? _____

INVESTIGATE **ECOSYSTEMS**

OBSERVE an Ecosphere

C Rose Center, Lower Level

This 39-inch glass sphere is a simple example of a self-sustaining ecosystem. It has been sealed since 1999.

• What do you see inside? _____

• What do you think is living and nonliving? _____

• This community of organisms depends on each other and their surroundings. What keeps the organisms alive even if the ecosphere remains unopened? _____

MOON Connection

In order to live on the Moon, scientists need to design a self-sustaining ecosystem.

• What do humans need to live? _____

• What would an ecosystem on the Moon look like? _____

