

Hayden and Rose Center exhibit hunt

Explore the physical Rose Center galleries through models, a meteorite, and clues about our universe.

Families and curious explorers ages 8+ | Suggested activity time: 45 minutes

Name: _____ Date: _____

Bring a pencil. Write, sketch or work with someone who can record your ideas. Explore in any order using exhibit labels and clues. No planetarium show or telescope session is needed. If a stop is closed or hard to find, mark it and try another. Follow staff directions. Check current visitor access and temporary closures before traveling. This independent Stella activity does not include admission. Ages and exploring time are suggestions.

1. Scales of the Universe

Find: Second-level walkway around the Hayden Sphere

Find the comparison where the Hayden Sphere represents the Sun. What everyday fruit represents Earth's size at that scale?

☐ Could not find it today - skip or ask a museum educator.

2. Scales of the Universe

Find: Second-level walkway; comparison where the Sphere represents the Milky Way

Now find the comparison where the Sphere represents our whole galaxy. What sports ball represents a typical star cluster within it?

☐ Could not find it today - skip or ask a museum educator.

3. Harriet and Robert Heilbrunn Cosmic Pathway

Find: Spiral walkway; look near the end of its timeline

Find the marker for the human era. The thickness of what tiny everyday object represents that stretch of time?

☐ Could not find it today - skip or ask a museum educator.

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Continue exploring. Use exhibit labels and your own observations.

4. Willamette Meteorite

Find: Cullman Hall of the Universe, lower level

Read the meteorite's story. In which U.S. state was it found, and how many tons does it weigh?

☐ Could not find it today - skip or ask a museum educator.

5. Black Hole Exhibit

Find: Cullman Hall of the Universe, lower level

Read the Black Hole exhibit description. Even what very fast kind of signal cannot escape from inside a black hole?

☐ Could not find it today - skip or ask a museum educator.

6. Stars Zone

Find: Cullman Hall of the Universe, lower level

Read how stars connect to people. Where were many of the chemical elements in our bodies made?

☐ Could not find it today - skip or ask a museum educator.

Look closer / sketch challenge

Choose a model or specimen in the Rose Center. Sketch a feature, label what you noticed, and write a question you would ask a scientist.