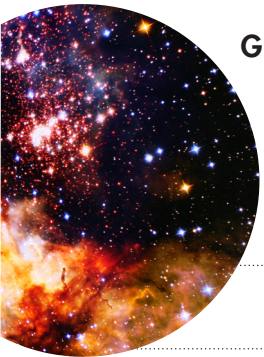


# CHABOT SPACE & SCIENCE CENTER GALAXY GUIDE

Recommended for Grades PreK-3

This guide has questions and prompts for all of our exhibit spaces. As you move through the Center, fill in the blanks below!

Name: .....



## GOING THE DISTANCE .....

Observe the Soyuz capsule. What do you think might be challenging about working inside of this capsule?

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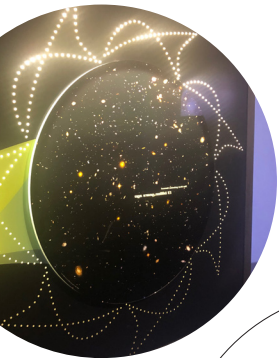
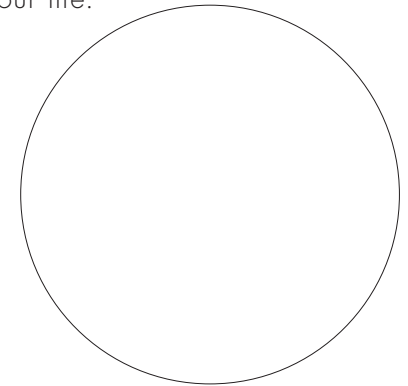
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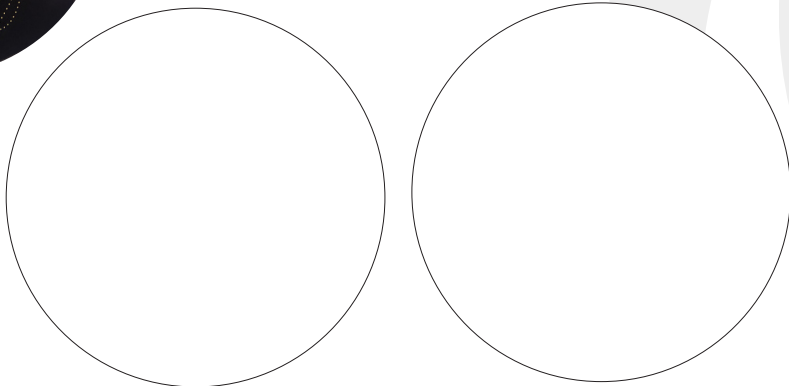
## TOUCH THE SUN .....

Before modern telescopes, lots of cultures used stories to explain why the Sun moved across the sky. Use the space below to show how the sun is important in your life.



## DESTINATION UNIVERSE .....

Grab a ball and spin it in the gravity well to create an orbit. Can you find a way to make the orbit last longer? Can you make it shorter? Draw the path of the ball for each:



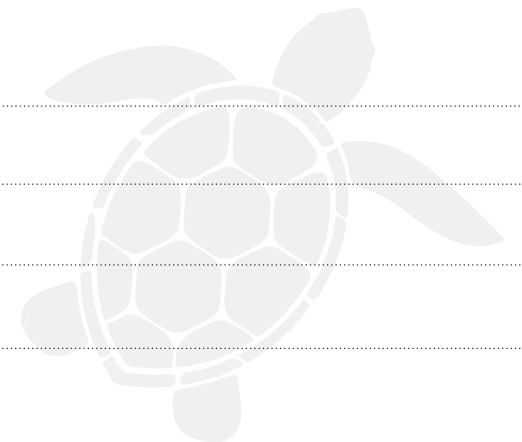
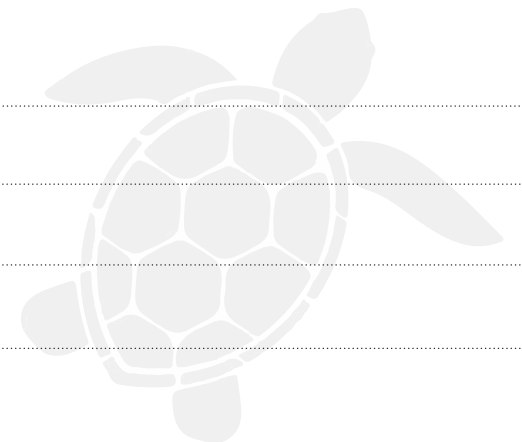
## COURTYARD .....

Can you see our turtle? If you can: why do you think she might sit out in the sun? If not: why do you think she is under water right now?

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### MEZZANINE / SKYBRIDGE .....

Get in the astronaut suit! You're going to space! Make a short story about what planet you're going to, what you're going to study there, and what you're bringing.

Touch the glass. Is it hot or cold? Is the weather here the same or different as the weather when you left school? Why do you think that is?

Look up! These are some of the first versions of items sent into space. If you could design your own spacecraft, what would it look like? Design it below:



### MOON LANDING .....

How do you measure up? Stand in the footprint of astronauts and find out! Now jump as high as you can. If you were on the Moon, you'd be able to jump 6 times higher!



### TELESCOPES .....

Make a telescope with your hands and try to focus on the top of a tree. Is it difficult to locate with a narrow opening? Now make your hand wider. Can you see more? Telescopes can't give us a full view of the sky; they can only see objects they're pointing directly at.



### OBSERVATION DECK .....

This TV isn't showing you color, but heat! What's the warmest part of your body? Is it the same body part as other people in your group?

Find a quiet place and listen closely. On one hand count how many natural sounds (like wind, birds, etc.) you hear. On the other hand count how many human-made sounds (like cars, voices, doors) you hear. Which did you hear more of?

Head to the sound observatory. How many of the sounds can you identify?