

## STAMP CERTIFICATION

Name of Junior \_\_\_\_\_

I completed this passport on \_\_\_\_\_ date \_\_\_\_\_.

My Junior leader, \_\_\_\_\_ name of leader/mentor \_\_\_\_\_,

of \_\_\_\_\_ Junior Grange # \_\_\_\_\_ in \_\_\_\_\_ state,

(or, if a 1+ Junior member, my mentor is a member of

\_\_\_\_\_ Grange # \_\_\_\_\_ in \_\_\_\_\_ state.)

approved my stamp on \_\_\_\_\_ date \_\_\_\_\_.

Junior Leader Signature \_\_\_\_\_

## NOTES ON STEPS/STAMP WORK

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# Astronaut

*Career Readiness*

#76

**DIFFICULTY LEVEL**



**AUDIENCE**

Designed to be completed sequentially as Juniors grow, with culmination after Junior member has achieved at least a third-grade reading level and understands internet research. *To earn the stamp, all steps must be completed but need not be done in order.*

**NECESSARY RESOURCES**

Internet access, printer and printer paper

**LEARNING OBJECTIVES**

The purpose of this passport is to educate Junior Grangers about a career as an astronaut and about space

**LEARNING OUTCOMES**

Upon completion, Junior Grangers will be able to:

- Understand basic space and space travel concepts
- Develop letter writing skills
- Use creativity to engage with the topic
- Practice research skills

**Step 1.** Watch these videos about astronauts and complete page 1 of the worksheet.

What do Astronauts Do?:

<https://www.youtube.com/watch?v=jhD8GFwy734&t=18s>

Take a Tour of the Space Station:

<https://www.youtube.com/watch?v=SOCixRhRGDw>

*Date Completed:* \_\_\_\_\_

**Step 2.** Research any astronaut in space right now, and complete page 2 of the worksheet.

*Date Completed:* \_\_\_\_\_

**Step 3.** Write a letter to the astronaut you researched. Explain why you are writing and ask a question about space, his/her career, or any other topic that you want to learn more about.

Note: You should include a self-addressed and stamped envelope to make it easier for your astronaut to write you back.

Send your letter to the following address:

NASA Johnson Space Center  
CB/Astronaut Office  
Houston, TX 77058

**Step 4.** Learn about the solar system:

Explore the Solar System: The Rocky Planets:

<https://www.youtube.com/watch?v=joq-IUFNkrw&list=PLw2cuKNQvZ2c5UQcwMS4Fg05UdiT3-gs4&index=33>

Explore the Solar System: The Gas Giants:

<https://www.youtube.com/watch?v=SeC22-94PMw&list=PLw2cuKNQvZ2c5UQcwMS4Fg05UdiT3-gs4&index=34>

*Date Completed:* \_\_\_\_\_

**Step 5.** Complete one of the planets projects listed on page 3 of the worksheet.

*Project Completed:* \_\_\_\_\_

*Date Completed:* \_\_\_\_\_

**Step 6.** Learn about galaxies!

Get to Know Your Galaxy!

<https://www.youtube.com/watch?v=DtiRn0Ecpjc>

*Date Completed:* \_\_\_\_\_

**Step 7.** Watch these videos to learn about stars. Then go stargazing, find at least 4 constellations, and draw them on page 4 of the worksheet.

What are Stars?:

[https://www.youtube.com/watch?v=\\_QwaUmDbnGg&list=PLw2cuKNQvZ2c5UQcwMS4Fg05UdiT3-gs4&index=15](https://www.youtube.com/watch?v=_QwaUmDbnGg&list=PLw2cuKNQvZ2c5UQcwMS4Fg05UdiT3-gs4&index=15)

Constellations: Connect the Dots in the Sky!

<https://www.youtube.com/watch?v=1sZ15SUEs9w&list=PLw2cuKNQvZ2c5UQcwMS4Fg05UdiT3-gs4&index=32>

*Date Completed:* \_\_\_\_\_

**Step 8.** Take your astronaut training test by completing pages 5-7 of the worksheet!

*Date Completed:* \_\_\_\_\_