

Name: _____

INTERNATIONAL SPACE STATION

Procedure

1. Use either the Occupational Outlook Handbook website (<http://www.bls.gov/oco>) or the NASA Astroventure website (<http://astroventure.arc.nasa.gov>) to learn about your assigned career. Fill in the information about your career below.

Career: _____ **Salary Range:** _____

Summary of Job Description: _____

Educational Requirements:

2. Now that you have learned about your career you need to learn about the International Space Station (ISS). Use the following sites to help you answer the individual questions.

- **Building the ISS** - European Space Agency (ESA)
http://www.esa.int/esaHS/ESARW78708D_iss_0.html
- **ISS History** - Canadian Space Agency (CSA)
<http://www.space.gc.ca/asc/eng/iss/default.asp>
- **Living in Space** - National Aeronautics and Space Administration (NASA)
<http://spaceflight.nasa.gov/living/index.htm>
- **ISS** - (NASA) http://www.nasa.gov/mission_pages/station/main/index.html
- **ISS Space Lab** - Japan Aerospace Exploration Agency (JAXA)
http://www.jaxa.jp/missions/projects/iss_human/index_e.html and
http://www.jaxa.jp/missions/projects/iss_human/iss/index_e.html

Individual Questions

1. What is the International Space Station and who built it?
2. How is your career related to the International Space Station? *Remember the space station had to be planned, then built, and sent to space and assembled before we could use it as we do today.*
3. Name two things that make living in space difficult. How do the astronauts on the International Space Station deal with these challenges?
4. You hear a neighbor say, “The government spends too much money on space exploration!”
 - a. What would you say to this? Explain your point of view using specific examples.
 - b. If we did not spend this money to explore space, what do you think would happen to all the people who work for, sell to, or deliver equipment to NASA? Explain your point of view using specific examples.

INTERNATIONAL SPACE STATION CAREERS

Food Scientist

Computer Programmer

Industrial Engineer

Carpenter

Psychologist

Journalist

Astronaut Pilot

Mechanic

Astronaut

Astronomer

Construction Engineer

Banker

Water Conservationist

Plumber

Physician

Electrician

Interior Designer

Photographer

Biochemist

Publisher

Nutritionist

Physical Fitness Trainer

Atmospheric Chemist

Astrophysicist

Botanist

Aerospace Engineer

Software Engineer

Human Factors Researcher

Project Manager

Executive Manager

Meteorologist

Microbiologist