

1. Choose 1 topic below that interest you and search for the answers to some questions about living in space: Write down your topic and answers. Use complete sentences re-stating the question in your answer.

### Space Station:

How much will the ISS cost in the end?

How many countries were involved in the creation of the ISS?

How many miles above Earth do the ISS “fall”?

How fast does the ISS move?

<http://www.pbs.org/spacestation/station.htm>

<http://www.timeforkids.com/TFK/kids/wr/article/0,28391,55023,00.html>

Track the ISS over your house

<http://www.pbs.org/spacestation/seedo/locator.htm>

Now...take a “Quickie Quiz” on the ISS

<http://www.pbs.org/spacestation/seedo/quiz.htm>

### Food

How has the food that astronauts eat changed over the last 50 years?

What kinds of foods do astronauts eat in space today?

What methods are used to prevent the food from spoiling?

If you lived in space for a month, what foods do you think you would miss the most?

Why?

**Web Resources:**

Squeeze tubes!

[http://www.space.com/missionlaunches/061123\\_space\\_food.html](http://www.space.com/missionlaunches/061123_space_food.html)

Eating in Space

[http://www.pbs.org/spacestation/station/living\\_eating.htm](http://www.pbs.org/spacestation/station/living_eating.htm)

## Space Suits

What are the main parts of a space suit?

How do they work?

Do astronauts have to wear the space suits all the time? Why or why not?

What are some safety measures that are built into space suits?

Do you think space suits are comfortable? Why or why not?

### **Web Resources:**

[http://www.pbs.org/spacestation/station/living\\_spacesuit.htm](http://www.pbs.org/spacestation/station/living_spacesuit.htm)

## Extraterrestrial Experiments

What are some examples of experiments that are done on the space station?

What do scientists hope to learn about life in space?

How do scientists conduct controlled experiments in space?

Name two findings that have emerged from experiments done in space.

### **Web Resources:**

Home in the Sky: International Space Station

<http://www.discovery.com/stories/science/spacestation/spacestation.html>

## Sanitation in Space

How do astronauts shower and use the bathroom in space?

Do they have to wash dishes or do laundry?

How do they keep their living quarters clean?

What special sanitation issues do astronauts have to deal with that, those of us on earth don't have to worry about?

### **Web Resources:**

[http://www.pbs.org/spacestation/station/living\\_sanitation.htm](http://www.pbs.org/spacestation/station/living_sanitation.htm)

## Sleep and Relaxation

Do astronauts require more or less sleep than normal when they are in space?

How many hours of sleep do astronauts do in space to relax?

What do astronauts do in space to relax?

Do astronauts sleep in a bed? If not, how do they sleep?

### **Web Resources**

[http://www.pbs.org/spacestation/station/living\\_sleeping.htm](http://www.pbs.org/spacestation/station/living_sleeping.htm)

## **2. If time allows, research an astronaut from Ohio:**

Neil Armstrong	Charles Bassett	Kenneth Cameron
Nancy Currie	Michael Foreman	John Glenn
Michael Good	James A. Lovell	Robert Overmeyer
Ronald Parise	Judy Resnik	Mary Ellen Weber

