

# All Aboard the International Space Station

## A Cross-Curricular Unit

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## Understanding What You Read



Fill in the blanks to complete the sentences below.

1. \_\_\_\_\_ countries are part of the International Space Station.
2. \_\_\_\_\_ can cause bones and muscles to lose density and become weak.
3. Most food in space is \_\_\_\_\_.
4. The \_\_\_\_\_ appears every hour and a half.
5. The ISS has \_\_\_\_\_ main compartments, or modules.

## Tell Your Own Story



Imagine that you are traveling in space. Write an entry in your space ship's log. Describe what you do and what you see. \_\_\_\_\_

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## Vocabulary Builder



Use a dictionary to find the original meanings of these words that come from the Greek language. Then write a sentence for each.

1. astronaut \_\_\_\_\_  
\_\_\_\_\_
2. cosmonaut \_\_\_\_\_  
\_\_\_\_\_
3. atmosphere \_\_\_\_\_  
\_\_\_\_\_
4. telescope \_\_\_\_\_  
\_\_\_\_\_

## Figure it Out!



Each time there's an opening in the astronaut program, about 4,000 people apply. Only 20 are chosen. Express this fact as a fraction. \_\_\_\_\_

Of a group of 195 astronauts, 123 were in Boy Scouts or Girl Scouts growing up. What percentage is that? \_\_\_\_\_

Change the following numbers into metric.

Width of completed ISS: 361 feet = \_\_\_\_\_ meters

Length of completed ISS: 290 feet = \_\_\_\_\_ meters

The ISS orbits above Earth: 240 miles = \_\_\_\_\_ kilometers

## Map Moments



Astronauts must travel a great deal on Earth, training at various locations. Use a map to find the distance from the training center in Houston, Texas to the one in Huntsville, Alabama.

\_\_\_\_\_

How far is it from Huntsville to Cape Canaveral, Florida? \_\_\_\_\_

Some launches, such as Expedition 13, occur in Kazakhstan. Locate that nation on a world map. What is the capital of Kazakhstan? \_\_\_\_\_

What nation borders Kazakhstan on the north?

\_\_\_\_\_

What body of water forms the western border of Kazakhstan?

\_\_\_\_\_

Program launches from Kazakhstan take place in Baikonur. In what kind of land is that city located? \_\_\_\_\_

