

MORE SPACE ABOUT SPACE

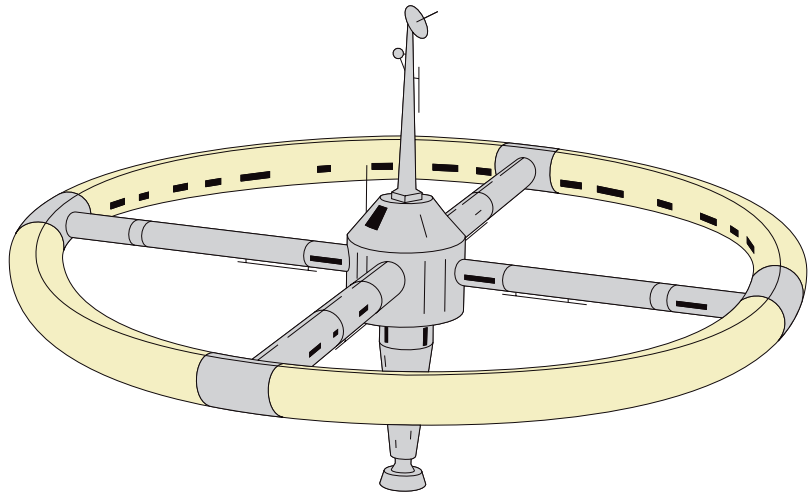
NSTA Standards (5–8):

A, C, D, F, G

Objectives:

Students will . . .

- identify important events in space exploration history.
- analyze the reasons for a space station.
- describe what they would do aboard a space station.



Materials Required:

- computer with Internet access
- pencil or pen

Web Site(s):

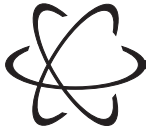
- http://heasarc.gsfc.nasa.gov/docs/StarChild/space_level2/travel.html

Time:

approximately 25 minutes

Teaching the Lesson:

- You should discuss the space race of the 1950s and 1960s so students can get some context about why space technology was pushed forward so quickly.
- This simple activity can be part of a social studies integration with science.
- A closer examination of the modern space station being constructed today is a good follow-up activity.
- Another follow-up is to discuss examples of space technology that have trickled down into the consumer market.



MORE SPACE ABOUT SPACE (cont.)

Name: _____

Date: _____ Period: _____

How far have we traveled into space? How can we learn about outer space without even going there? What is a space probe? Keep reading to find out.

Directions:

Launch http://heasarc.gsfc.nasa.gov/docs/StarChild/space_level2/travel.html and read about the history of human space travel. Follow any links that interest you, but be sure to return to this page by using the “back” button on your browser.

1. Who was the first human to set foot on the moon?
2. Who was president of the United States when the Apollo space program was announced?
3. In what year were both American and Soviet astronauts killed in accidents?
4. What was the job of unmanned probes that were sent to orbit the moon?
5. What is the purpose of a space station?
6. How do you think people living on board the space station will keep from getting bored?
7. If you were able to spend some time on a space station, what is the first thing you would do when you got there?