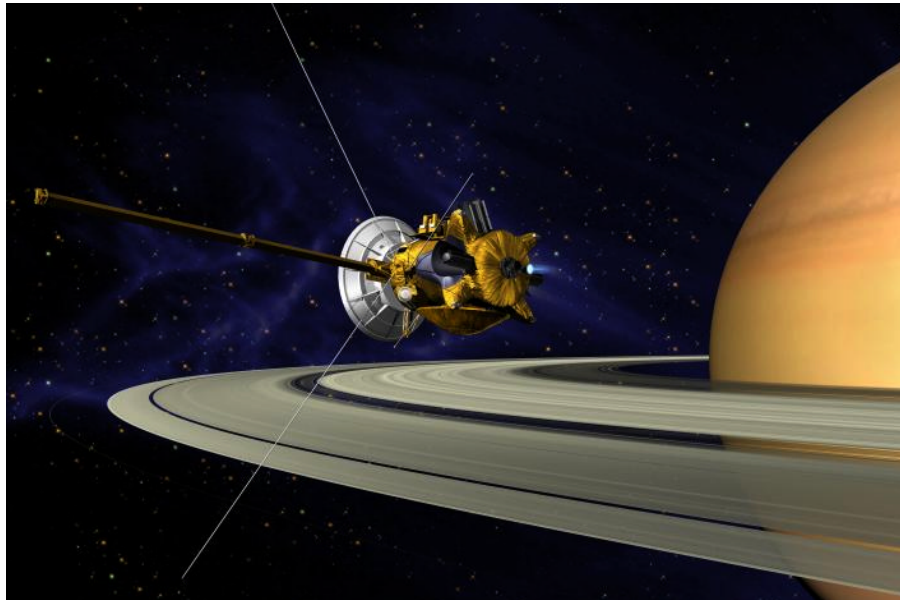


Space Odyssey Online Teacher's Guide

Current Events In Space Tic-Tac-Toe

Postvisit Activity for Current Events in Space



Courtesy NASA / JPL

Grades K-3
CDE Standards
Science: 1,4,4,5,6
Language Arts: 1,2,4,5,6

Preparation and Materials

Estimated Preparation Time: 30 minutes

Estimated Activity Time: Three or more time periods of 30 minutes each

Materials

Paper

Pencils

Colored pencils, crayons, or markers

Learning Goals/Objectives

Students will analyze and synthesize information learned in a unit on current events in space to complete three activities related to the unit.

Connection to *Space Odyssey*

Space Odyssey is committed to providing its visitors with up-to-date information about current events in space. Museum Galaxy Guides will have access to current space news on their laptops' digital collections portal. Museum Galaxy Guides are trained not only to provide you with current information but also to find the answers to your questions using the Museum Galaxy Guide Portal. Alternatively, visitors can explore on their own using the Mission Board, where they will find the latest space science news via satellite. Visitors can find out about day-to-day activities in space and see and hear a running update of upcoming and ongoing space missions. The Space Screen showcases images from Hubble Space Telescope, Chandra X-ray Observatory, robotic orbiters and landers, as well as other cameras and observatories. Museum visitors can also access the InfoLounge where they can explore the latest in space science. Videos, DVDs, books, magazines, and the Museum's Digital Library will keep visitors updated on the latest and greatest space science information available.

Advanced Preparation

Make a copy of the tic-tac-toe activity sheet for each student in your class.

Classroom Activity

1. This activity is designed to differentiate for the needs and learning styles of the students in your classroom.

2. After completing a unit on space and current events in space, hand out a copy of the tic-tac-toe sheet to each of your students.
3. Briefly discuss each activity on the tic-tac-toe grid to give students any information they might need to complete their three activities.
4. Tell students they will choose three activities from the grid to complete a row. Students are allowed to choose any of the activities from the grid, as long as they lie in a straight line. (This is a preference only. You may opt to have students choose any of the activities from the playing board.) Give the students the time they'll need to complete the three activities. Allow students time to share their completed projects with classmates.

Variations/Extensions

Resources

<http://www.nasa.gov/missions/highlights/index.html>

<http://www.spaceref.com/>

<http://www.hubblesite.org/newscenter/>

<http://www.nasa.gov/news/highlights/index.html>

<http://www.jpl.nasa.gov/news/>

<http://www.spaceflightnow.com>

<http://www.space.com>

Name: _____

Instructions: Choose a path on the game board and complete three activities to make a tic-tac-toe. Your activities must lie in a straight line on the board.

<p>1. Choose a news story from your Current Events bulletin board. Draw a picture to illustrate what is happening in the article.</p>	<p>2. Pretend you are an astronomer designing a mission into space. Write a report to tell your class where your mission will go, why we need to explore there, and what you'll bring on your mission.</p>	<p>3. Write a song, rap, or cheer about a current event in space. Add some actions to your song and teach it to a friend.</p>
<p>4. Make a collage of space pictures. Write a headline to tell about each picture to include with your collage.</p>	<p>5. Keep a journal of interesting facts you learn about space events. Draw a picture to go with each fact.</p>	<p>6. Go outside at the same time every night and look at the moon. Keep a Moon journal to show how the Moon changes every night.</p>
<p>7. Find out about three new space missions that will be going into space. Tell when each mission is scheduled to launch and what the purpose of each mission will be.</p>	<p>8. Work with a partner. Pretend that one of you is a space scientist and the other is a news anchor interviewing the scientist about a current event in space. Act out your interview in front of your classmates.</p>	<p>9. Choose a picture from your Current Events bulletin board. Write a short story to tell what's happening in the picture. Your story doesn't need to be true! Be creative!</p>

Activities chosen: _____