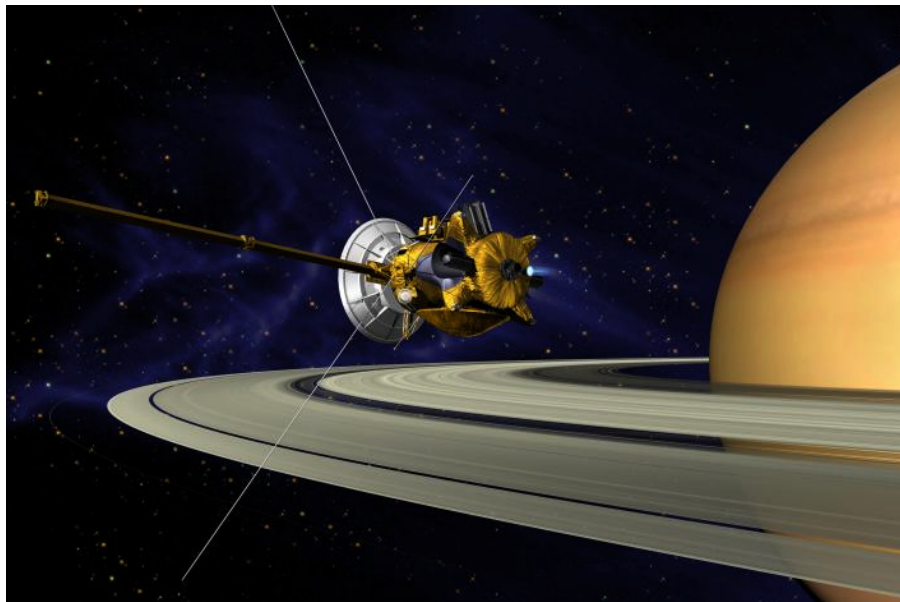


Space Odyssey Online Teacher's Guide

Current Events In Space Tic-Tac-Toe

Postvisit Activity for Current Events in Space



Courtesy NASA / JPL

Grades 4-8

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 visitors with the most up-to-date information about space. This activity allows students to use the information learned in almost every *Space Odyssey* experience and apply it toward learning about current events in space.

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.)
5. 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. Summarize the article and draw a picture to illustrate what is happening in the article.</p> <p>(synthesis) (Visual)</p>	<p>2. Complete some Internet research about an exciting current event in space. Write a report or give a short speech to your class describing what you've learned.</p> <p>(synthesis) (Linguistic)</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>(synthesis) (Musical & Kinesthetic)</p>
<p>4. Make a collage of different space pictures. Organize your collage around a theme. Then use your collage to create a jigsaw puzzle. Give your puzzle to a friend to solve.</p> <p>(analysis & knowledge) (Logical & Spatial)</p>	<p>5. Keep a learning log about the new things you're learning during your space unit. Make an entry in your journal every day describing something new you've discovered.</p> <p>(synthesis) (Intrapersonal)</p>	<p>6. Go outside at the same time every night and look at the stars. Keep a star or Moon journal to document how the sky changes over one month.</p> <p>(synthesis) (Naturalist)</p>
<p>7. Create a time line of current and future missions into space. Use the NASA Web site to find out about these missions. (Melissa: Give the Web address here?) Include a short description of the objective of each mission.</p> <p>(synthesis) (Logical & Spatial)</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>(synthesis) (Interpersonal & Kinesthetic)</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> <p>(synthesis) (Visual)</p>

Activities chosen:
