

# Ideas for Activities During "Discover Space Week!" For Parents and Teachers



Journal Dottie's Space Mission as it happens.  
Go the NASA website for daily news updates

[http://www.nasa.gov/mission\\_pages/shuttle/main/index.html](http://www.nasa.gov/mission_pages/shuttle/main/index.html)

Research: What is a Space Shuttle?

<http://www.nasa.gov/audience/forstudents/k-4/stories/what-is-the-space-shuttle-k4.html>



Read About and Write Biographies on the Crew of STS-131

[http://www.nasa.gov/mission\\_pages/shuttle/shuttlemissions/sts131/index.html](http://www.nasa.gov/mission_pages/shuttle/shuttlemissions/sts131/index.html)

Research Astronauts That Were Teachers

Christa McAuliffe,

Barbara Morgan, Joseph Michael "Joe" Acaba, Richard Arnold,

Dorothy Metcalf-Lindenburger

[http://en.wikipedia.org/wiki/Educator\\_Astronaut\\_Project](http://en.wikipedia.org/wiki/Educator_Astronaut_Project)



Check Out the New Teacher in Space Program  
<http://www.teachersinspace.org/>

Go to the <http://www.nasa.gov/audience/foreducators/k-4/index.html> website to find lessons and activities for all grade levels. There are picture dictionaries, tons of videos, a primary Countdown to Launch storybook, interactive learning games, plus thousands more.

Here are a couple of other NASA sites:

<http://er.jsc.nasa.gov/SEH/>  
The Space Educators Handbook  
Complete lesson plan books - free!

<http://spaceplace.jpl.nasa.gov/en/educators/index.shtml>  
Activities, games, and videos in English and Spanish versions

<http://www.nasa.gov/audience/forkids/kidsclub/flash/index.html>  
Computer learning games!

Research the history of NASA and space flight.  
Make a timeline

<http://history.nasa.gov/>



## *More Ideas From Vancouver Teachers*

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| Study the history of flight  | Study of aeronautics/aerospace   |
| Egg drop gravity protection  | Jet propulsion   |
| Study of careers in aeronautics: past present, future                                | Balloon launches/hot air launches  |
| Design a zero-gravity creative movement dance  | Design a Lego robotics vehicle   |
| Set up a bottle rocket launch competition  | Play parachute games in PE   |
| Build paper airplanes and estimate distance  | Draw and/or design space ships   |
| Graph star constellations  | Space terminology/vocabulary   |
| Create a space travel brochure   | Study rules of force and motion  |
| Study robotics - how they are used in today's world                                  | Build marshmallow launchers  |
| Write space-related math word problems   | Mathematical equations on the distance the space shuttle and/or space station travel |
| Design space crafts from recycled materials and duct tape                            | Design a space suit out of a white shower curtain and duct tape                      |
| Study the planets - Make a passport and write a letter home as you visit each planet | Make a presentation of past, present, and future space vehicles                      |