

# Jason City STEM Expedition

## Jason Learning and NASA



For two years in succession, the Collaborative directed an exciting education expedition that brought over 12,000 students to a 'Jason City' event on the campus of the NASA Ames Research Center in Moffett Field, CA. Founded by famed oceanographer, Dr. Robert Ballard, Jason City is a year-round scientific expedition designed to engage students in science and technology and to provide professional development for teachers. The program culminates with a two-week event where the students participate in a city of STEM exhibits and activities.

A key feature of Jason City is the advanced "you-are- there" telecommunications technologies that transport millions of students to scientific expedition research sites in various locales around the world. Additionally, the Collaborative generated all of the deliverables that added a professional extra touch to the activities all of which helped to recruit volunteers, inform the media, and engage the public. From posters to handouts, and from videos to displays, the fun and engaging digital and print materials from the Collaborative became a hallmark of the event's success.



Seven Teacher Workshops  
 August 25 - November 4  
 NASA Ames Research Center  
 Happy Hollow Zoo  
 Hiller Aviation Museum  
<http://quest.arc.nasa.gov/projects/jason/>

**Explore Both Worlds**

NASA Ames Education presents **JASON Expedition: Mysteries of Earth and Mars**. Dr. Robert Ballard and a team of scientists will take middle-grade students and teachers on the trip of a lifetime -- to Mars! JASON is a supplemental science program with interdisciplinary connections to math, science, social studies and language arts. This great program is FREE and includes a multimedia curriculum package. For more information or to register, please call Will Shaw, 650-604-0657, or email wshaw@mail.arc.nasa.gov.



Join us during the 2004-2005 school year!

**JASON Expeditions: Disappearing Wetlands**

The mission of this year's JASON Expedition is to better understand what wetlands are, why they are disappearing and how to best manage these resources in Louisiana, in your neighborhood, and around the world. On this journey, students will have the opportunity to study:

- Human impact on wetland ecosystems
- Wetland ecosystems of Louisiana
- Wetland and wetland studies
- Land-Mean history of how the region was formed
- Human history and culture of the region (through NASA Ames Curriculum Supplement)
- Inter-relationship and monitoring of natural resources

**JASON Discipline Topics**

- Life Sciences
- Earth & Space Sciences
- Physical Sciences
- Mathematics
- Geography
- Social Studies
- Technology

The JASON Expeditions help students:

- Connect science concepts to real-world problems
- Collaborate with their peers
- Change attitudes about science and the world of work

See how we align to California's standards! Visit our web site at [www.jasonproject.org](http://www.jasonproject.org)

Your students will love our Expedition to Cajun Country...

...and don't worry about it!

**REAL SCIENCE • REAL TIME • REAL LEARNING**

**The Best Jobs come from Networking**

**Jump On This Great Opportunity!**

**NASA Ames is looking for Volunteers for the JASON Project.**

Now in its thirteenth year, the JASON Project is an educational expedition led by Dr. Robert Ballard, discoverer of the Titanic. For this year's expedition, we are looking for **Balloonists at the Controls**. See Ames Students roll into the world's largest balloon launch at Moffett Field. Based on their work with the JASON Project, students will be able to participate in a variety of activities including on projects, career exhibits, demonstrations and more.

**Who:** Volunteers willing to work side by side with other professionals

**What:** Volunteers to assist with testing and guiding student balloons

**When:** JASON City at Moffett Field (October 1st & 2nd)

**Where:** January 28-30 and February 2-6, 2004

**Why:** This experience has many advantages and will be provided at no cost to the student.

**To volunteer:** Contact Barbara Peterson (barbara.peterson@arc.nasa.gov) or visit [www.nasa.gov/education/jason](http://www.nasa.gov/education/jason)

