

# THE VOYAGE PROGRAM

## Become a Voyage Community

The *Voyage* program overseen by the National Center for Earth and Space Science Education (NCESSSE; [www.ncessse.usra.edu](http://www.ncessse.usra.edu)) provides a suite of ongoing space science education experiences for diverse audiences across an entire community. The experiences are based on the remarkable power of models to provide an understanding of Earth's place in the Solar System and the Sun's place among the stars. These experiences are centered on a replica of the *Voyage* one to 10-billion scale model of the Solar System exhibition on the National Mall in Washington, DC. NCESSSE is making replicas of the exhibition available for permanent installation in communities nationally and internationally, strictly on a full cost recovery basis.

When a community purchases a *Voyage* Solar System exhibition, they become a *Voyage Community*, and also receive a **Package of Resources** that supports: visitors to the exhibition, grade K-13 teachers, grade K-20 students, informal educators in museums and science centers, families, and the public. A *Voyage Community* also has the ability to purchase comprehensive **Supplementary Educational Programming** through NCESSSE's *Journey through the Universe* ([www.journeythroughtheuniverse.org](http://www.journeythroughtheuniverse.org)) program.

## Voyage Community Package of Resources

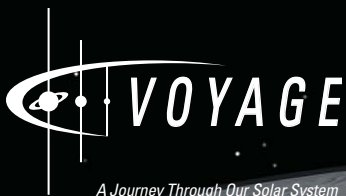
When a community purchases a *Voyage* Solar System exhibition for permanent installation, they also receive, at no additional cost:

Master copies of—

- A tour brochure, customized to your community, facilitating a self-guided tour for visitors.
- A tour brochure facilitating a self-guided tour for a group or class.
- An activity guide that facilitates inquiry-based activities and 'experiments' that use the exhibition as a laboratory for Solar System exploration. Used in this way, *Voyage* can explain many aspects of the night sky as seen from Earth, and reveal what would be seen if you looked up in the sky from the surface of another planet.
- An extensive suite of grades K-2, 3-4, 5-8, and 9-13 lessons that can be used by educators before and after a visit to the exhibition, and are so well aligned with curricular requirements as defined by national standards and benchmarks, that they are adoptable *as some or all* of the community's space science curriculum.
- New grade K-13 lessons as they are developed.
- Activities for family and home use.

As well as—

- A half- to full-day workshop for up to 60 classroom educators, and informal educators from museums/science centers, on the use of the exhibition and the *Voyage* educational materials.
- A family/public science program for 200-2,000 attendees.
- Ongoing access to *Teachable Moments in the News*—web-delivered breaking news stories in Solar System exploration, packaged with downloadable lessons and educator training.
- Ongoing access to our staff educators and planetary scientists, to assist your community's educators with questions in both science content and pedagogy.
- Ongoing access to resources at the program web site.



### OVER:

- *Supplementary Educational Programming*
- *Costs to Become a Voyage Community*

To become a *Voyage Community*, contact Stacy Hamel, Director, Voyage Exhibition Replication, National Center for Earth and Space Science Education at: 703-508-2898, [shamel@usra.edu](mailto:shamel@usra.edu) or visit [www.voyagesolarsystem.org](http://www.voyagesolarsystem.org).

## Supplementary Educational Programming



A *Voyage Community* can also purchase extended programming as a one-time event, or on an ongoing basis, through NCESSSE's *Journey through the Universe* ([www.journeythroughtheuniverse.org](http://www.journeythroughtheuniverse.org)) national initiative. Programs are delivered by NCESSSE educators and space scientists, and a national team of scientists and engineers representing Earth and space science research organizations across the nation. *Journey through the Universe* programming includes:

- Classroom presentations for typically 3,000, and up to 10,000, grade K-20 students.
- Events for public and family audiences for 200-2,000.
- Professional development workshops: for up to 200 teachers; that can target specific grade levels, or be delivered K-13.
- Programs for community-based organizations, e.g., a rotary club, retirement community, hospital, astronomy club.

## Costs to Become a *Voyage Community*

The total cost per *Voyage Community* is \$199,000, and includes:

- The complete exhibition, with customized site maps and acknowledgement of funders on the storyboards.
- An installation manual and installation support from NCESSSE staff.
- Master files of the Activity Guide and Tour Brochures.
- Master files of the *Voyage* K-13 Education Lessons, and family/home activities.
- A Professional Development workshop for educators, and a public/family program.
- Access to *Teachable Moments in the News* and resources at the program web site.
- Ongoing support from our educators and planetary scientists.

The cost reflects full cost recovery by NCESSSE.

There are also a number of additional costs borne by the community that must be considered:

- Delivery of the exhibition.
- Site preparation, at a minimum requiring construction of 13 small concrete footings.
- Regular exhibition cleaning.
- Insurance against vandalism.
- Copying of tour brochures, activity guide, grade K-13 lessons, and family/home activities for dissemination to the general visitorship, educators, and families.

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Development and installation of the exhibition in Washington, DC, was a joint project of Challenger Center for Space Science Education, the Smithsonian Institution, and NASA. Replication and installation of the *Voyage* exhibition at sites nationally and internationally is a program of the National Center for Earth and Space Science Education (NCESSSE; [www.ncesse.usra.edu](http://www.ncesse.usra.edu)), Universities Space Research Association. *Voyage* was designed by Vincent Ciulla Design ([www.ciulladesign.com](http://www.ciulladesign.com)).



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UNIVERSITIES SPACE  
RESEARCH ASSOCIATION

*We believe that to continue the legacy of scientific exploration, every generation must be inspired to learn what we know about our world and the Universe, and how we have come to know it.*

*We also believe that it takes a community to educate a child... and that it takes a network of communities to reach a generation.*