



SpaceFEST

FEST=Families Exploring Science Together

“They were flying for me.”

a night of sharing science and space with children, parents and teachers

presented by *Future Flight Hawai`i*, Hawai`i Space Grant Consortium, University of Hawai`i at Manoa

How science really works! Curiosity + Joy + Dreams + Thrills + Wonder + Interest + Surprise + Creativity = Discovery....and it's Fun!!

Family science programs:

- *help parents to be actively involved in the science learning of their child
- *encourage children and parents to work together
- *foster home/school partnerships
- *engage parents and students in thinking and working scientifically
- *assist parents to encourage an interest in science in their child in the home
- *help students to learn through active engagement in learning experiences



You are invited to bring *Future Flight Hawai`i`s* SpaceFEST to your school; this **free** program, sponsored by the Hawai`i Space Grant Consortium, will be offered on a limited basis. The program features science demonstrations, information about NASA supported educational opportunities, and selected hands on activities for students and parents. Activities and demonstrations will feature science as an inquiry, Newton`s Laws, microgravity, and living in space. Presenters: Art and Rene Kimura, Education Specialists.



Schedule: 5:00 p.m.: *Future Flight* staff arrives to begin unloading materials

5:10 p.m.: facility available for set up of hands on stations (recommended facility: cafeteria)

5:45-6:10 p.m.: registration of participants by host school, inquiry activity

6:10-8:00 p.m.: science demonstrations, selected hands-on activities samples



Requirements:

1. participant eligibility: students in grades 2-8, each student accompanied by a parent
2. minimum of **6 classroom** teachers who are not accompanying students: to assist in distribution of materials, hosting specific stations, and cleanup of materials (teachers and other volunteers should report by 5:30 p.m.)
3. video projector, screen and computer (to show a Powerpoint), microphone (wireless lapel microphone)/PA system, two 6 – 8 foot table at the front for demonstrations
4. adequate tables/chairs for students/parents to sit together (cafeteria preferred); materials for each child to include paper towel, cup of water, vegetable oil for each pre form bottle, etc. (list provided with confirmation)
5. minimum number of students: 60; maximum number of students: 80 (each student to be accompanied by a parent; siblings should not be brought to the session); please provide confirmed list of teachers (and their grade level) and confirmed student count at least 3 weeks prior to the program

Limited availability. To schedule this program, email Art Kimura, Program Director, *Future Flight Hawai`i*, art@higp.hawaii.edu (provide: name of school, name and home phone number of coordinator or contact, number of students anticipated for this program, confirmation of classroom teachers who will be there to support the program). *Future Flight Hawai`i*, Hawai`i Space Grant Consortium, P.O. Box 6412, Hilo, HI 96720-8927; phone/fax (808) 934-7261; *Future Flight Hawai`i* web site: <http://www.higp.hawaii.edu/futureflight/>; <http://www.spacegrant.hawaii.edu/Newsletter-Fall2008-forWeb.pdf> Honolulu Advertiser article about the Family science night: <http://the.honoluluadvertiser.com/article/2002/Feb/28/In/In42a.html> . Contributions to public education--<http://manoa.hawaii.edu/news/article.php?ald=3618>

In honor of exploration and explorers, *Flight Hawai`i* is honored to provide this program to schools.

