

Future Flight Hawaii STEMFEST

FEST: Families Exploring Science Together

Children and their parents are partners in a day of discovery and hands on science experiences.

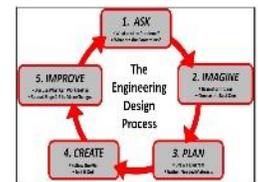
presented by *Future Flight Hawai`i*, Hawai`i Space Grant Consortium, University of Hawai`i at Manoa
 How science really works! Curiosity + Joy + Dreams + Thrills + Wonder + Interest + Surprise + Creativity = Discovery....and it's Fun!!

We are all scientists! Children and scientists have much in common. Naturally inquisitive young children ask endless questions...they may spend half an hour watching a bug crawl on the floor, experiment by pouring water into soil or mixing different colors of paints or add blocks to a tower until it falls. They draw conclusions about the way things work.....they learn from and share information with others.



Family science programs:

- *help parents to be actively involved in the science learning of their child
- *encourage children and parents to work together and 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
- *apply the science inquiry process and the engineering design process



You are invited to bring *Future Flight Hawai`i`s* **STEMFEST** to your school.....this program, sponsored by the Hawai`i Space Grant Consortium, will be offered on a limited basis. Presenters: Art and Rene Kimura

***tuition based program**

**school will recruit and confirm participants and collect \$50 for each child/parent pair*

**school in turn will send \$25 for each child/parent pair to Future Flight Hawaii (single payment for all participants, made payable to RCUH, Research Corporation University of Hawaii) no later than 2 months prior to the STEMFEST (we ask that the remaining \$25 registration fee be used to support resources for STEM or robotics activities)*

**each child/parent pair will receive STEM learning kits and tools (Push Button Programmable Robot, Line Tracking Robot, Windmill kit, etc.) to be used in the FEST and to be taken home for additional learning*

Schedule: 7:45 a.m.: Future Flight staff arrives to begin unloading materials

7:45 a.m.: facility available for set up (recommended facility: cafeteria)

8:15 a.m.: registration of participants by host school

8:30-11:45 a.m.: opening and learning modules

11:45 a.m.-12:00 p.m.: closing



Requirements:

1. participant eligibility: students in grades 2-8, each student accompanied by a parent
2. minimum of 4 teachers or parents who are not accompanying students: to assist in distribution of materials and cleanup of materials (teachers should report by 8:00 a.m.)
3. video projector (to show powerpoint), screen, microphone/PA (wireless lapel microphone), 2 6 – 8 foot table at the front for demonstrations/display
4. adequate tables/chairs for students/parents to sit together (cafeteria preferred)
5. minimum number of students: 40; maximum number of students: 60 (each student to be accompanied by a parent)

Limited availability. To schedule this program, email Art Kimura, Program Director, *Future Flight Hawai`i*, art@higp.hawaii.edu, *Future Flight Hawai`i*, Hawai`i Space Grant Consortium, P.O. Box 6412, Hilo, HI 96720-8927; phone/fax (808) 934-7261.

