

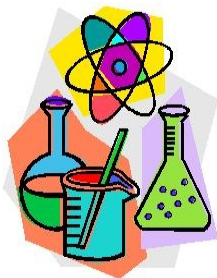
SpaceFEST for Grades 2 - 5

(FEST=Families Exploring Science Together)

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

Presented by: Art Kimura, Program Director, and Rene Kimura, Education Specialist
Future Flight Hawaii, Hawaii Space Grant Consortium, University of Hawaii at Manoa

- Science demonstrations with an overview of opportunities provided by NASA for future scientists and engineers
- Learn about microgravity and how NASA trains astronauts on its Vomit Comet, how they use the bathroom in space, how they sleep in space, see astronaut food
- Use Bernoulli's Principle to inflate wind tube, play with Cartesian diver, learn about density with a preform bottle, see what happens in low air pressure to saran wrap and marshmallows
- Take home cool science tools (wind tube, UV beads, diffraction lens, Cartesian diver, etc.)



What: SpaceFEST, an Interactive Science Night

Who: Grades 2 – 5 students accompanied by one parent each

Where: Liholiho Elementary Cafeteria

When: Thursday, October 1, 2015

Time: 5:45 pm – 8:00pm

Material: bring one 1- or 2- liter clear plastic soda bottle filled with water to the top and capped

Note: We ask that younger siblings must stay home for this event

Schedule

5:45-6:10 p.m.: registration and begin experiments

6:10-7:45 p.m.: *group activities, demonstrations*

7:45-8:00 p.m.: closing demonstrations and hand out diffraction glasses

Participant eligibility: students in *grades 2-5*, each student must be accompanied by a parent
(space is limited and must be registered by due date for participation)

Please contact Iris Salazar if you have any questions at email: Iris_Salazar@notes.k12.hi.us



If you are an individual with a disability, please contact Liholiho Elementary School at 733-4850 to make arrangements for reasonable modifications and accessibility to school events at least 10 days in advance to the event you wish to attend. Reasonable efforts will be made to accommodate your request.

SpaceFEST Registration

October 1, 2015 5:45 p.m. - 8:00 p.m.

Complete and return this form to the PCNC via your child's classroom by Monday, Sept. 14, 2015.

Student Name _____ Grade/Teacher _____

Parent Name _____ Email: _____