

NASA Educational Workshop
July 8-19, 2002

NASA Dryden Flight Research Center
Edwards, CA

Overview of Workshop Activities, Processes, and Requirements

Goal

To use the NASA mission, facilities, human resources, and programs to provide exposure and experiences to educators, to support the enhancement of knowledge and skills, and to provide access to NASA information in science, mathematics, technology, and geography.

Our Workshop Mission

- Our Team is dedicated to helping NEW participants:
 - Develop an understanding of past and current NASA research that is relevant to classroom instruction in science, math, technology and other subjects.

Workshop Objectives

- Participants will:
 - Be immersed in the Dryden culture to develop an understanding of how a NASA Center works and to experience, first-hand, how math, science and technology are applied.
 - Develop an understanding of how to access NASA programs, products and services after they leave the workshop setting.
 - Develop personalized action plans.

Processing Time

- Provides time for participants to assimilate their workshop experiences
- Participants:
 - Are divided into grade level/specialization groups
 - Reflect, process and plan based on the topics and experiences of the day
 - Identify connections to curriculum and standards
 - “Brainstorm” within groups, share expertise

Processing Time (Continued)

- Become option thinkers about alternative classroom activities
- Get opportunities to clarify concepts
- Review and integrate NASA's web resources
- Develop Action Plan

Role of Facilitators

- Answer questions related to the workshop topics and concepts, virtual NEW web site
- Answer questions about NASA's educational resources
- Help teachers assimilate the workshop experience into their classroom instruction

Action Plan !!!

How will your participation in NEW
enhance and enrich your
classroom/school organization?

Action Plan Guidelines

- Short Term Goals
 - What do you expect to accomplish in a few months?
- Long Term Goal
 - What do you expect to accomplish in 2-5 years?
- Timeline
 - What is the timeframe for implementing each goal in your Action Plan? (e.g. Fall 2002, Spring 2003)

Action Plan

Method of Implementation

- Procedure
 - What action steps will be taken to meet your goals?
- Roles and Responsibilities
 - What role will you play in implementation of the Action Plan?
 - Who will be instrumental in assisting you in the implementation of the Action Plan?

Action Plan

Method of Implementation

(Continued)

- Background Information
 - What is needed to accomplish the Action Plan objective and goal?

Action Plan

Link to Education Standards

- How do the activities relate to the national, state, or local standards used in your classroom?
- Who is responsible for the connection to the standards?

Action Plan

Method of Assessment

- How will you assess the outcome of the goals of the Action Plan?
- How will the assessment be documented and used?

Action Plan Resources

- What resources do you need in order to implement the Action Plan?
- What specifically do you need from NASA?

Questions ?

You don't have to ask them all now.