

# **NASA Educational Workshop: Overview of Workshop Activities and Processes**

NASA Dryden Flight Research Center

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# Our Workshop Mission

☛ **Our team is dedicated to helping NEW participants:**

- Develop an understanding of past and current NASA research across all enterprises, as that research 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 and individualized action plans

# Processing Time

- ☞ Provides time for participants to assimilate their workshop experiences
- ☞ Participants:
  - are divided into subject/grade level groups
  - reflect, process and plan based on the topics and experiences of the day
  - identify connections to their curriculum and standards
  - “brainstorm” within their groups to share expertise

# Processing Time (Continued)

## ☞ Participants:

- become option-thinkers about alternative classroom activities
- get opportunities to clarify concepts
- review and integrate NASA's web resources
- develop their action plan
- present their action plan in a Powerpoint presentation on the last day of the workshop

# Role of Facilitators

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

# Individualized Action Plan

☞ Participants will address:

- How they plan to align instructional approach to state/local educational standards
- How they plan to use aerospace as a thematic approach to integrate math, science and technology
- How they will increase problem solving and collaborative activities in their instruction

# Action Plan (continued)

- How they plan to use the material from the workshop
  - in their classroom (with students)
  - in their school (with their colleagues)
  - in their district (with administrators)
- How they will integrate NASA web resources
- How they plan to share what they learned with colleagues and administrators
- Mid-term evaluation
  - progress report about action plan

# Any Questions?

☞ You don't have to ask them all now...