



*Presentation to the
National Council of
Space Grant Directors*

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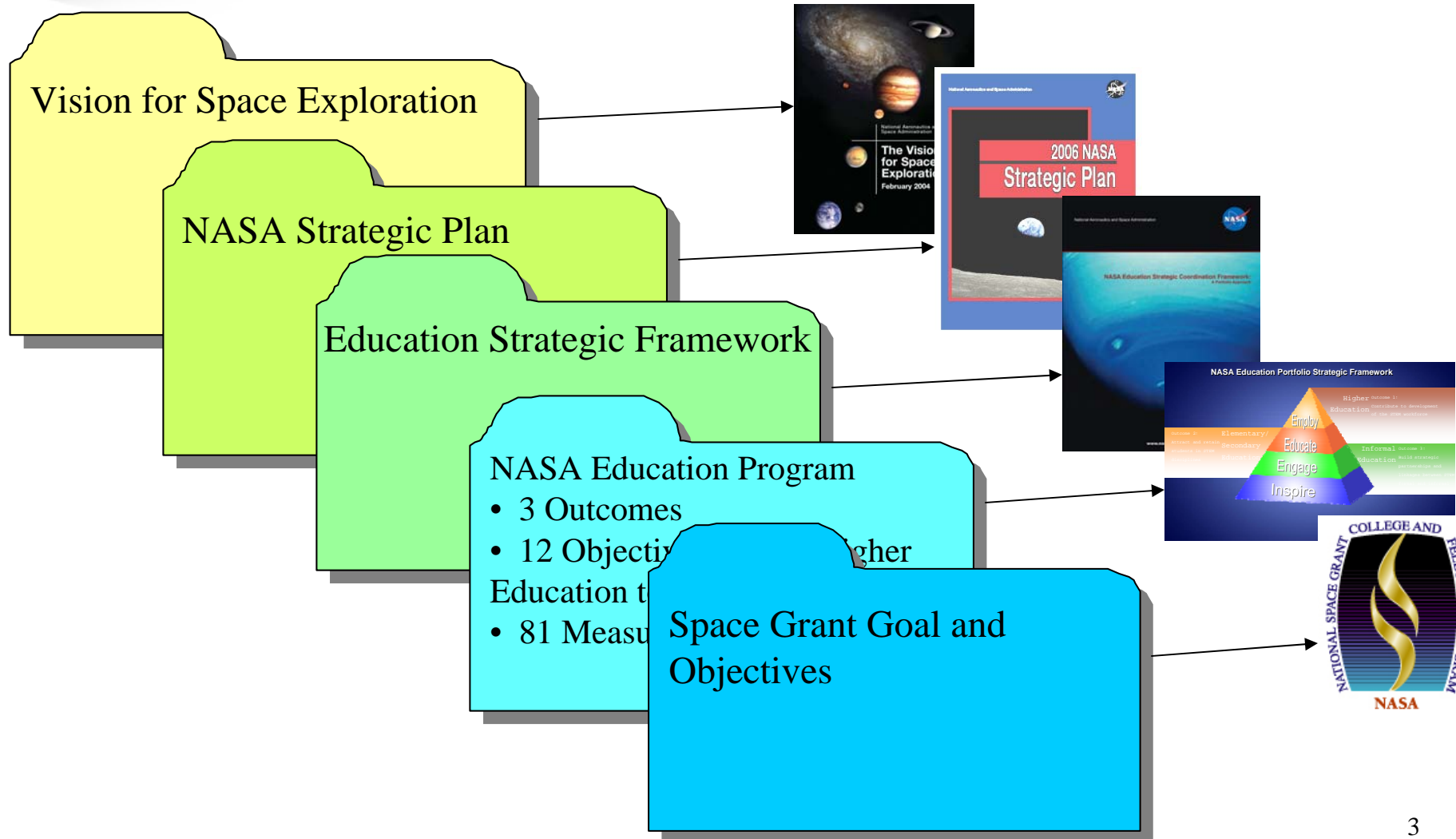


The Current Environment

- Clear vision and common direction in alignment with the Vision for Space Exploration (Done)
- Demonstrate outcomes and deliver results from our programs (In progress)
- Share success stories and value of NASA Education and Space Grant with key constituents (esp. MSIs, OMB, Congress, White House, industry) (In progress)
- Address the realignment of projects to the Centers and the establishment of a new Office of Education HQ organization structure (In progress)
- Communicate the core competencies that NASA needs in the future (In progress)

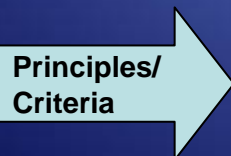
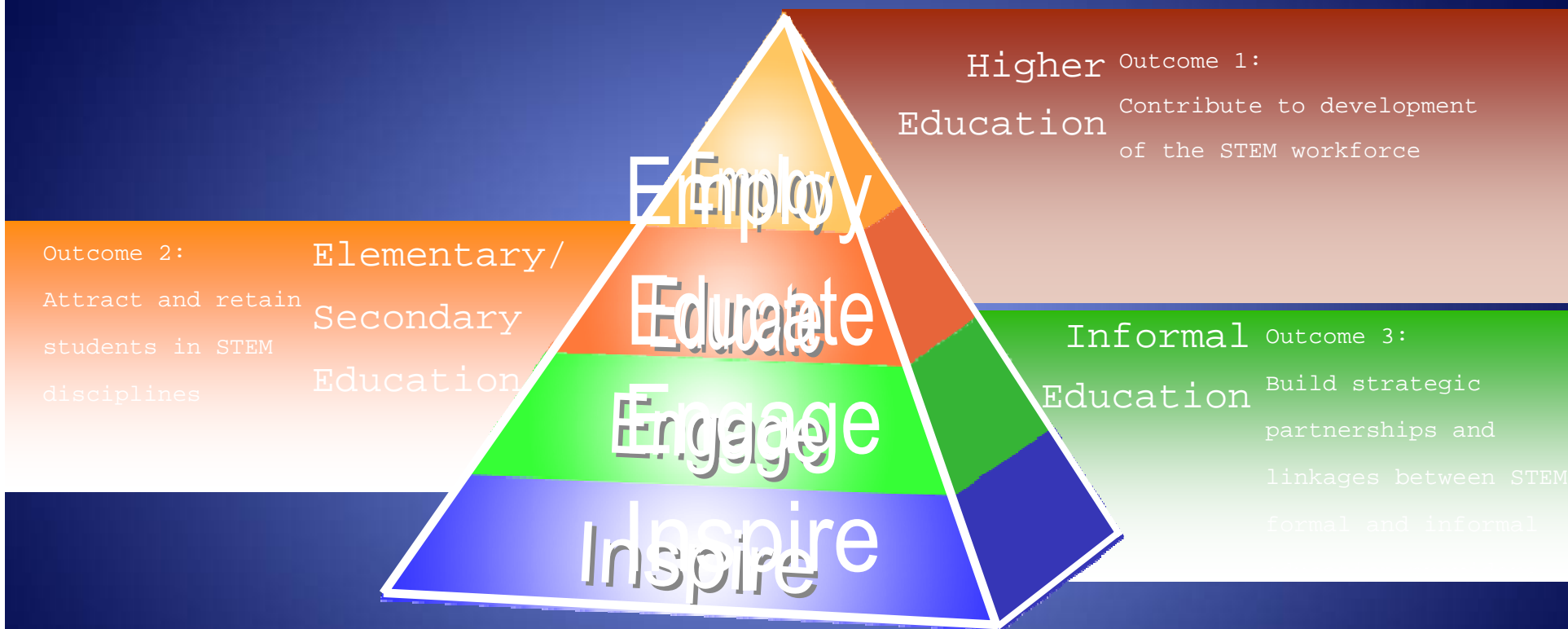


Strategic Integration of NASA Education





NASA Education Portfolio Strategic Framework



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|-----------|--------------|-----------|------------|------------|-----------------------------|
| Relevance | NASA Content | Diversity | Evaluation | Continuity | Partnerships/Sustainability |
|-----------|--------------|-----------|------------|------------|-----------------------------|



NASA's Workforce Needs

Increasing Civil Service Needs – 2006-2009

- Systems Engineering/ Integration Engineering
- Mission Operations
- Systems Analysis and mission planning
- Quality/safety/performance
- Propulsion systems; rocket propulsion
- Acoustics
- Habitability/Environmental factors
- Program/Project Management

Future Civil Service Needs – 2010-2011

- EVA Systems
- Intelligent/Adaptive Systems
- Robotics
- Electrical and Electronic Systems
- Advanced In-Space Propulsion
- Power systems
- Structures, Materials & Mechanics



Space Grant Review Team

- NASA team chartered by the Education Coordinating Committee (ECC)
 - Membership: 3 co-chairs plus 5 representatives from Mission Directorates and Centers
- Purpose: Develop a Policy and Guidance document
- Began the dialogue with you after the March meeting
 - Have engaged with ~1/2 of the directors
- Final document due November 30, 2006



The Future

- Space Grant has a unique charter and consequently has a unique role in contributing to the achievement of the NASA Education Goals
- Make sure you have measurable outcomes that reflect the impact of your program
- Align your projects with Education Outcomes
- Continue to develop synergies within the network
- Look for opportunities to leverage connections and develop collaborations throughout the NASA education pipeline
- Link your efforts with the workforce competencies in the NASA Human Capital Plan
- Challenge your assumptions – look for new ways to achieve the Vision