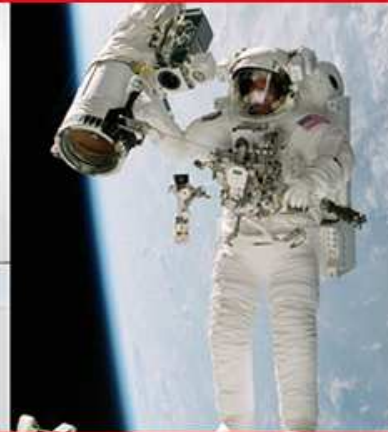


NASA CORE in Partnership with Lorain County JVS



History

NASA Education *To inspire the next generation of explorers... as only NASA can*

- Central Operation of Resources for Educators
- Established in 1987
- Resource for Educators across our nation and the world
- Provide educational opportunities for JVS students



CORE Is...

NASA Education *To inspire the next generation of explorers... as only NASA can*

- Grant funded JVS project which supports NASA efforts
 - Serves as a world-wide distribution center for NASA's educational materials
 - Serves as the lead Point of Contact for NASA's Educator Resource Center Network (ERCs)





Mission

NASA Education *To inspire the next generation of explorers... as only NASA can*

To inspire students
to pursue careers
in Science, Technology,
Engineering, and Mathematics
(STEM)



Background

NASA Education *To inspire the next generation of explorers... as only NASA can*

- 15 years – STEM students decrease
- 2010 – STEM jobs increase by 10%
- Critical need for Ohio





The Big Picture

NASA Education *To inspire the next generation of explorers... as only NASA can*

- Documents
 - Project 2061 – 1989
 - TIMMS – Since 1995
 - Aldridge Report – 2004
 - 21st Century Skills – 2007
 - No Child Left Behind - President
- Events
 - Columbia
 - Katrina
 - 9-11 / Iraq
 - NASA Hiring Freeze
 - Baby Boomers Retiring



What We Do

NASA Education *To inspire the next generation of explorers... as only NASA can*

- Reproduce and distribute materials
- Provide personal assistance to educators
- Partner with the NASA and other organizations
- Demo NASA materials
- Assist in developing educational toolkits
- Contribute to NASA web site content
- Support the NASA ERCs
- Serve as a Point of Contact for 508 compliance
- And other duties as assigned



The Bottom Line

NASA Education *To inspire the next generation of explorers... as only NASA can*

NEEIS 1999 – Present

Totals

- Educator Contacts 203,751
- Workshops Supported 548
- Workshop Participants 123,294

- Products Distributed 3,922,681
- Web Site Hits 14,581,942
- Unique IP Addresses 462,863





Glenn / Plumbrook Connection

NASA Education *To inspire the next generation of explorers... as only NASA can*

- Promote and recruit students
- One intern at Glenn every year (MET)
Midview 2 Keystone 1 Elyria 1
- Visit from Apprentice Administrator from Plumbrook
- Promoted JVS at Glenn and Plumbrook Open Houses and Glenn Visitor Center Events



FYI

NASA Education *To inspire the next generation of explorers... as only NASA can*

- Advisory Committee
- Calendar of Events

JVS events

Taste of South

Boy / Girl Scouts

AAFRO – 2 Awards

LC Metropark

State / National Conferences
and more!

- Ohio Math and Science Coalition
- Sherrod Brown, Marcy Kaptur, Betty Sutton





Services Available

NASA Education *To inspire the next generation of explorers... as only NASA can*

- 28 Subject Area Classroom Modules available for loan
- Lorain County Library Care Packages
- CD / DVD Duplication Services
- IVDL Sessions and Workshops





Job Training Class

NASA Education *To inspire the next generation of explorers... as only NASA can*

- Approximately 200 students
- 75% is NASA work
- Pride and ownership
- World-wide scope





Job Training Class

NASA Education *To inspire the next generation of explorers... as only NASA can*

- Routine tasks to annual packing project
- Between \$800 - \$1,000 earned
- Field trips – NASA Glenn/GLSC & NASA Plumbrook
- Lunch at a restaurant
- NASA Shirts





Job Training Class

NASA Education *To inspire the next generation of explorers... as only NASA can*

- Annual pizza party
 - Packing project kick-off
 - Small gift of appreciation
- End of Year Ice Cream Social
 - Power point slide presentation
 - Certificates of Appreciation





Walking Challenges

NASA Education *To inspire the next generation of explorers... as only NASA can*

- “Walk to a NASA Facility” - 2006
- “Spacewalking to the Moon” - 2007
- “Lost in Space” - 2008



Office Staff

NASA Education *To inspire the next generation of explorers... as only NASA can*

- Three Full Time
- Three Part-Time
- Two College Interns
- Two High School Interns





Co-Op / Work-Based Learning / Summer Internship

NASA Education *To inspire the next generation of explorers... as only NASA can*

- 38 students worked for CORE

Clearview 1

Elyria 8

Oberlin 1

Wellington 8

Amherst 3

North Ridgeville 1

Keystone 6

Midview 8

Brookside 1

Adult Education 1



2010 NASA Farmhouse

NASA Education *To inspire the next generation of explorers... as only NASA can*



It's a Team Effort!

NASA Education *To inspire the next generation of explorers... as only NASA can*

Warehouse
Maintenance
Technology
Treasurers Office
Superintendent Office
Principal Office
Supervisors
Security
Custodial
Job Training
Adult Education
Student Services
Career Services
Recruitment
Career Assessment
Building Trades
Office Administration Assistance
Web & Graphic Design
Marketing & Management
Co-Op
Welding
Manufacturing Engineering Technology
Hospitality
Culinary Arts
Bakery & Pastry
Multimedia Technology
Technology Center
LPDC
Science Department
History Department
English Department
LCJVS Board of Education

and more...THANK YOU!



Social Media

NASA Education *To inspire the next generation of explorers... as only NASA can*



Follow us on Twitter!

twitter.com/nasacore



Find us on Facebook!

www.facebook.com



Any Questions?

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