



ideastream®

# EDUCATIONAL SERVICES



## Know More. Do More. Be More.

From preschool through college and beyond, WVIZ/PBS ideastream plays a crucial role in formal education.

While the numbers are impressive, the quality of the activities measured by the positive outcomes for students, parents, educators and school administrators is what really matters.

Consistent, positive feedback and continued funding from program partners add up to a strong endorsement and are further evidence of mission accomplished: teachers, parents and advisors being better equipped to educate the youth of their communities.

*"I love WVIZ/PBS ideastream's workshops because they 'hit' the individual's needs. Whether you come in as a beginner or come in advanced, you will be taken to the next level."*

*–Nancy Patterson, Computer Applications Teacher, Lakewood City School District*

*"Taking graduate courses online is convenient and the interface is the best I've ever used. Keep up the great work!"*

*– Sierra Polsinelli, Math and Computer Science Teacher, Chardon Local School District*

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WVIZ/PBS ideastream's Early Childhood services are designed to build partnerships with local community organizations such as childcare centers, schools, libraries, businesses, civic groups and government agencies to extend the value of children's educational television. Adults are encouraged to become active viewers and take learning "beyond the screen" by combining PBS KIDS programming with hands-on activities and children's books. Workshops are free of charge and all participants receive two hours of in-service credit for attendance, as well as books and other materials.

As a leader in transforming teaching and learning with interactive technology, WVIZ/PBS ideastream offers a large variety of instructional programs to students and teachers across Ohio.

Distance Learning services integrate the latest video, audio and Internet resources to deliver outstanding interactive programs, and bring the community's resources (businesses, arts and culture, civic organizations) into the region's classrooms, allowing students to actively participate.

ideastream is a critical resource to Ohio's schools, finding, developing and distributing high quality media products correlated with state and national curriculum standards. These resources help students visualize difficult concepts, travel to distant lands, experience diverse cultures and bring a vast collection of media-rich resources to their fingertips via the Internet, DVD, cable and broadcast television, and videotape.

Additionally, WVIZ/PBS ideastream provides computer skills and content training to thousands of teachers annually. Whether provided on site, via the Internet, videoconferencing or in the labs of WVIZ/PBS ideastream, training is tailored to fit a district's individual needs. Exceptional facilitators cater to a range of technical abilities and help teachers use technology in the classroom and integrate technology into the curriculum.

## K-12 MATHEMATICS AND SCIENCE EDUCATION COLLABORATIVE

**Science and Mathematics Achievement Required for Tomorrow (SMART) Consortium** represents the collective efforts of more than 50 Northeast Ohio school districts in Cuyahoga, Geauga, Lake, and Lorain counties to foster continuous, dramatic improvement in science and mathematics learning.

SMART identifies fundamental obstacles to teaching and learning mathematics and science in grades K-12 and develops and delivers cutting-edge professional development in mathematics and science, emphasizing inquiry- and standards-based instruction.

Professional development offerings also focus on leadership to guide continuous school improvement, effective assessment practices, and the analysis and use of educational data to improve instructional practice and drive student achievement. SMART's highly focused goals translate to improve the performance of students across the entire spectrum of science, mathematics, and technology.

**The Regional Alliance for Informal Science Education (RAISE)** is an alliance of 17 informal science providers (science centers, nature centers and museums) in Northeast Ohio. Its mission is to leverage the collective resources of its members to advance K-12 science teaching and learning and to promote science literacy within the community.

**Ohio Mathematics and Science Coalition (OMSC)** is a statewide advocacy network comprised of individuals and organizations from the education, business and public sectors, working to revitalize and improve science, technology, engineering and mathematics education from preschool to post-graduate study. OMSC works to align the efforts of policy makers, the governor's office, the Ohio Department of Education, and the Ohio Board of Regents with those of other formal and informal mathematics and science education organizations. The OMSC also works to promote greater public understanding of the important role that a strong science and mathematics education plays for citizens seeking productive careers that contribute to our state's economic growth.

## EDUCATIONAL SERVICES: THE FACTS

- WVIZ/PBS ideastream is one of eight Educational Technology Agencies in the state of Ohio assisting school districts in utilizing new technologies, providing staff development in the use of technology and providing student and teacher programming through technology.
- 137 public school districts including career centers and educational service centers, and 306 nonpublic and community schools with an enrollment of nearly to 500,000 elementary and secondary students, choose to affiliate with WVIZ/PBS ideastream as an Educational Technology Agency.
- More than 177 workshops are presented per year for early childhood educators and parents, including low-income parents, caregivers and children with special needs.
- Over 296 workshops are offered per year for more than 3,000 K-12 teachers in the utilization of technology to improve classroom instruction and advance student achievement.
- More than 5,027 hours of educational programming are presented per year through broadcast and through special educational broadcasting systems to schools.

