



EDUCATIONAL SERVICES



Serving schools with close to 500,000 students and 34,000 educators throughout the region, WVIZ/PBS ideastream Educational Services delivers significant benefits to Northeast Ohio.

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 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



Educational Services

Early Childhood

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. Early Childhood workshops are conducted for parents and early childhood professionals working with children ages birth to eight years old. 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 (**View, Do, Read**). Funding is provided by the Corporation for Public Broadcasting (CPB) through the Public Broadcasting Service.

WVIZ/PBS ideastream and all public broadcasting **Ready to Learn** stations in Ohio present professional development workshops for family homecare providers and others through a grant from the Child Care Bureau and the Ohio Department of Jobs and Family Services. Workshops are conducted throughout WVIZ/PBS ideastream's broadcast community and are based on the Ohio Department of Education's Early Learning Content Standards for Math, Language Arts, Social Studies and Science. The Ohio Ready to Learn workshops are free of charge and all participants receive two hours of in-service credit for attendance, as well as books and other materials.

Distance Learning

As a leader in transforming teaching and learning with interactive technology, WVIZ/PBS ideastream offers nearly 200 instructional programs to students and teachers

across Ohio. Distance Learning services integrate the latest video, audio and Internet resources to deliver outstanding interactive programs including ACT and SAT preparatory classes, the Career Exploration Series, the Town Hall Speaker Series, Dominion's Master Moments programs, KeyBank's Careers in the Performing Arts programs and a variety of professional development programs featuring prominent locally and nationally known speakers.

WVIZ/PBS ideastream manages and is a member of the North Ohio Technology Association (NOTA), an innovative technology group made up of eight school districts and Cuyahoga Community College. Students can take classes using the latest videoconferencing technology or take courses made available through the Internet.

Educational Multimedia

The design and production unit of Educational Services finds, develops, and distributes 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.

Technology Workshops

In the area of teacher professional development, WVIZ/PBS ideastream annually provides computer skills and content training to thousands of teachers. Whether provided on site, via the Internet, through videoconferencing or in the labs of WVIZ/PBS ideastream, training can be tailored to fit a district's individual needs. Exceptional facilitators cater



K-12 Mathematics and Science Education Collaborative

to a range of technical abilities and help teachers use technology in the classroom and integrate technology into the curriculum. WVIZ/PBS ideastream workshops meet local university requirements for graduate credit.

PBS TeacherLine

WVIZ/PBS ideastream offers educators quality online courses through PBS TeacherLine. These courses, funded by a grant from the U.S. Department of Education, provide high-quality, online professional development for K-12 teachers with the goal of improving teacher quality and increasing student achievement. PBS TeacherLine offers approximately 100 online facilitated courses in reading, mathematics, science, curriculum and instruction, and technology integration. The courses meet state standards, professional development goals and re-certification needs. All courses are offered for graduate credit hours.

The K-12 Mathematics and Science Education Collaborative manages and supports organizations dedicated to improving the teaching and learning of K-12 mathematics and science.

SMART Consortium

The 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 focuses on how teachers teach, how students learn, and how curriculum resources facilitate these processes. SMART seeks to identify and address fundamental obstacles to teaching and learning mathematics and science in grades K-12 and to improve the performance of students across the entire spectrum of science, mathematics, and technology.

SMART develops and delivers cutting-edge professional development in mathematics and science (both content and practice), emphasizing inquiry- and standards-based instruction.

SMART 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.

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 at large.

Ohio Mathematics and Science Coalition (OMSC)

The Ohio Mathematics and Science Coalition (OMSC) is an advocacy group comprised of individuals from the education, business, and public sectors, working to revitalize and improve science, technology, engineering and mathematics education (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 mathematics and science-focused organizations.

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.
- 109 public school districts and 167 nonpublic and community schools, with a total enrollment of nearly 500,000 elementary and secondary students, choose to affiliate with WVIZ/PBS ideastream as an Educational Technology Agency.
- More than 120 workshops are presented per year for early childhood educators and parents, including low-income parents, caregivers and children with special needs.
- Over 225 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 2,000 hours of K-12 instructional television and more than 3,500 hours of college credit courses are presented per year through broadcast and through a special educational broadcasting system to schools.
- 47 college credit telecourses are made available to students enrolled at Cuyahoga Community College.