

APS OFFERINGS

Administrative Office
Technology

Animal Management

Automotive Collision

Automotive Technology

Automotive YES

Biomedical Sciences

Business Finance

Career Prep

- Business Technology

Integrated Software

Career Based Intervention

Commercial Art

Computer Aided Design

Computer Aided Manufacturing

Construction Technology

Cosmetology

Dental Assisting

Early Childhood Education

E-Commerce

Electrical Trades

Electronic Engineering

Family and Consumer Sciences

Fire Safety/EMT

Graphic Arts

Heat, Ventilation & A/C

High School of Business

Hospitality & Tourism

Information Technology

- Information Support & Services
- Interactive Media
- Network Systems
- Programming & Software Development

Integrated Software

Marketing Education

Masonry

Medical

- Diagnostic
- Therapeutic

Plumbing

Pre-Engineering Bio-Technical

Pre-Engineering/
Pre-Architecture

Restaurant Management

Teacher Academy

Transition-to-Work

Welding

Work & Family Life

AKRON PUBLIC SCHOOL CAREER EDUCATION

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Career Education Students Are Active Learners!

As classes begin this year, the students in Career Education programs are enthusiastically engaged in their content. By applying what they are learning in class to real-life situations, the learning in Career Education courses becomes meaningful and relevant. **Here are some examples.**



The **Buchtel Fire Safety/EMS** senior program students participated in a live exterior fire. This included water flow basics, the use of hand lines to fight fires, exposure protection and fire truck pump operation. All of these are basic skill functions for the Fire course. Students take their senior year coursework at The University of Akron/Summit College.



The **East High Electronic Engineering** students are busy making Quizmasters, an electronic quizzing system. Once completed, these systems will be used in classrooms throughout APS. These systems will allow other APS students to actively engage in their learning also!

The **Ellet High Early Childhood Education** students volunteered at the Akron Children's Hospital "Walk for Babies" on September 20. They learned about premature babies and the Neonatal Intensive Care unit.



The **East Automotive Youth Educational Systems (AYES)** students learn how to deal with real world situations through hands-on training. The AYES program begins during the junior year of high school and continues through an Associate Degree program. AYES students spend time in the classroom, in the school's automotive technology laboratory, and on-the-job experience at participating dealerships.

The **East High Marketing/DECA** Program received a grant from H&R Block for a Virtual Business Personal Finance Simulation Competition. The students are currently working through the lessons and will be competing with students from around the country in this event.



CONTINUED ON BACK COVER



TEACHER ACADEMY



PRE-ENGINEERING



ANIMAL MANAGEMENT



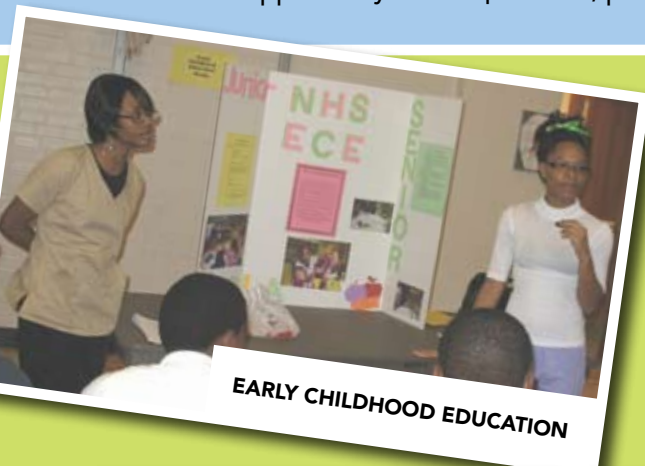
COMMERCIAL ART



GRAPHIC ARTS

High School Students Teach Eighth Grade Students

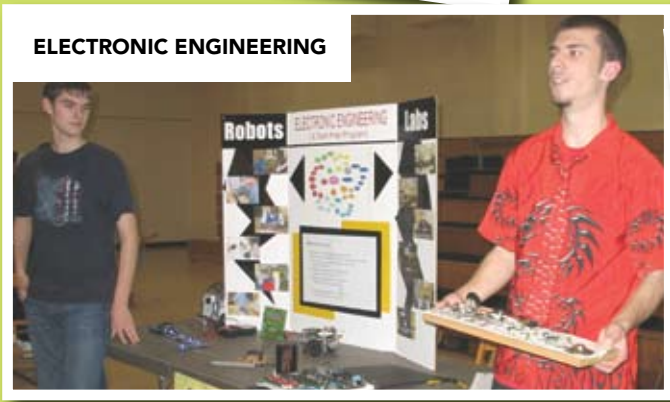
The month of November was very busy for both high school Career Education students and APS eighth grade students! Career Fairs were held throughout the city as eighth graders learned from 'the experts' – high school Career Education students! With over 35 different Career Education programs to choose from, our students in Akron Public Schools have a choice about their education. Some of these programs begin in the ninth grade, while others begin in eleventh grade. This Career Fair provides the middle school students the opportunity to ask questions, participate in hands-on activities, and see live demonstrations. .



EARLY CHILDHOOD EDUCATION



ADMINISTRATIVE OFFICE TECHNOLOGY



ELECTRONIC ENGINEERING



HEATING, VENTILATION, & AIR CONDITIONING



RESTAURANT MANAGEMENT

For more information about all of our Career Education programs, visit a



AUTOMOTIVE TECHNOLOGY



COMPUTER AIDED DRAFTING AND DESIGN



INFORMATION TECHNOLOGY



DIGITAL PRINTING



WELDING



COMPUTER AIDED MANUFACTURING



HIGH SCHOOL OF BUSINESS

nts about Careers



CONSTRUCTION TRADES



BUSINESS FINANCE



MANAGEMENT

All Career Education programs participated in the Career Fairs, but may not be pictured here.

"Green" Home Project in Kenmore

Carmine Torio and the Home Builders Association of Portage and Summit County have partnered with APS Career Education construction programs to help our students further develop their 'green' skills. Under the daily direction of Lance Schmidt, this project applied the "reduce, reuse, and recycle" philosophy in the construction process. This home used less timber and recycled materials. It also recycled waste directly from the site. When completed, this home is projected to heat/cool for about \$40-\$60/month. **Kenmore** and **Ellet Construction Trades, Buchtel Plumbing Trades, Kenmore Electrical Trades, Garfield Computer Aided Drafting and Design, North Heating, Ventilation, and Air Conditioning, and East Masonry** programs have been involved in the project. Students have been given special instruction and field trips to the house to view the new construction techniques and technologies involved.



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Log-on: www.apscareers.com

or ask your high school guidance
counselor for information

Purpose of the newsletter:

Welcome to the Akron Public Schools, Office of Career Education Newsletter. This newsletter is produced to: highlight the accomplishments of our students, share the excellent educational opportunities available to Akron Public Schools' students, develop an awareness of community contributions by the Career Education programs, and inform and build partnerships with our community members. We hope you find this newsletter helpful and informative.

This newsletter is funded by the federal Carl D. Perkins grant. *No state or local taxes used.*

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Garfield PreEngineering students Ali Adya, Cody Bumgarner, TreVon Gibbs, Dezmond Love, Michael Taylor, and Gino Trinh participated in a Shadowing an Engineering Student day at The University of Akron. Several of the college students participating are former students of the Garfield High School PreEngineering Program!

Firestone's PreEngineering students learn how to analyze load factors by building straw towers, one of many simulated learning activities done throughout the year.



North High's Biomedical Sciences students were greeted the first day of school by paramedics investigating a fictitious crime scene in room 205a. The course began with a mystery scenario. A woman in her mid-forties had been found dead. The students will spend the year determining clues to her death. Students will investigate the seven major body systems, analyze an autopsy report, and determine the reason for her death. Special thanks to DJ and Ray from LifeCare Medical Services, Inc. for the classroom demonstration, the tour of the ambulance and career information.

Garfield's PreEngineering program is one of 17 schools selected nation-wide to field test the newly revised Civil Engineering and Architecture course developed by Project Lead the Way. This course is currently taught in over 580 schools all over the United States, and it plays an important role in encouraging students to pursue an engineering or engineering technology career.

