
DOUG BODEY, *Director of High School Programs ~*



Samuel Edwards,
Automated Manufacturing
Technology junior from
Bluffton is working on a
CNC project.

A group Welding and
Fabrication project.

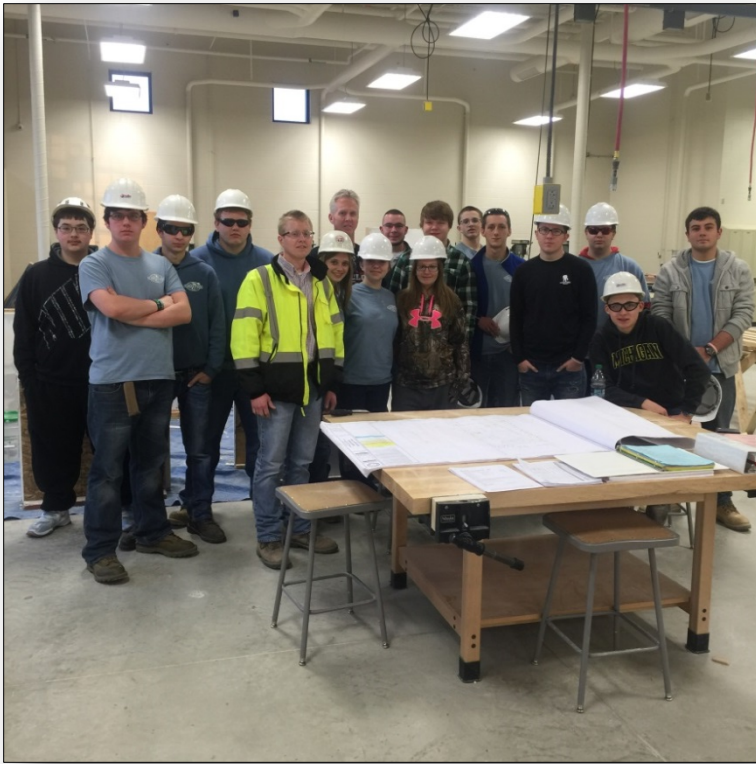




Fredrick Dove, a Building Maintenance and Renovations' senior from Shawnee, is working on a restroom in Wapakoneta.

Roger Hughes, a Building Maintenance and Renovations' senior from Spencerville, is also working on a restroom in Wapakoneta.





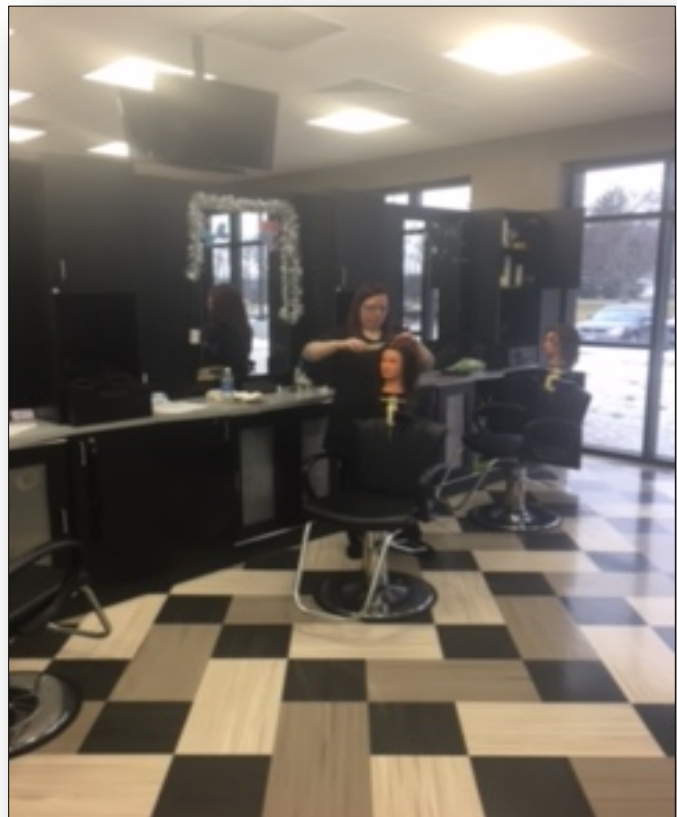
On February 5, the MakerFest follow-up tour with Touchstone with the carpentry juniors.

On February 5, the MakerFest follow-up tour with Touchstone with the carpentry seniors.





Cosmetology students are preparing for state board testing.



RICK TURNER, *Director of Adult Education Programs* ~



Congratulations to Lisa Brackney, Manager of our Adult LPN program and her staff. After an intensive two-day on site visit, the program was granted full approval for five-years from the Ohio Board of Nursing. That's a huge accomplishment.



It was the first night of class for students enrolled in our new 40-hour Robotics course. The next class begins March 21.



Pictured above is our Industrial Mechanics Chain Drives and Gear Drives' class. Students are performing the lab portion of the class.



Congratulations go out to Jordan Keller of Cridersville. Jordan just received his GED. This comes at the same time changes are being made nationally to how the GED test is scored. Students now need to score a 145 versus the previous standard of 150 to receive their GED. This is good news for about 1,400 test takers who will be positively affected by the scoring change here in Ohio.



New Early Childhood Education student May Martinez is all smiles under the direction of one of our former students, Sandy Smock, who received her CDA! Sandy is May's "mentor teacher."

Apollo graduates Kassi Serio and Aubrey Homan are proud employees at the New Bremen Learning Center.

These two ladies are under the direction of Toni Paul, Apollo Adult Ed graduate, who recently obtained her CDA and became Director at the Center.



BRUCE JOHNSON, *High School Instructional Supervisor* ~



Austyn Cook, a Culinary Arts' senior from Wapakoneta is helping to prepare food for the All Area Board Banquet.

The Culinary students prepared the meal for the All Area Board Banquet.



PAM DOWNING, *High School Instructional Supervisor* ~

Academics:

Science Teachers attended SECO (Science Education). This year's focus was Hybrid Classes using technology integration. Below, the science instructors describe their SECO experience.



Carolyn Stein:

I was able to attend a variety of sessions to refresh my knowledge of Science and get me excited again about my field!

I attended a couple of sessions on Physics- Digging Deeper and Cheaper – How to do more physics with more easily obtained objects. Physics does not have to be scary, difficult, or expensive!

The session on Climate Change brought home to us how very real climate change is and how it is already affecting us here in Ohio. Climate change is not something of the future but something we need to face head-on today if we want to have a tomorrow. Chasing Ice is a must-see documentary which we received on DVD – it is also available on Netflix.

We got to speak with many vendors to see what is coming out in textbooks for this next year and what kind of supplies are new to the scientific field.

OOGEEP – Ohio Oil and Gas Energy Education Program – presented on the Oil and Gas Production in Ohio. They have lots of educational materials available and also mentioned that the average age of people working in Oil and Gas in Ohio is over 59 years old! This is a field that is definitely going to be hurting for workers in the near future.

The very last session is always the Rock Raffle sponsored by the Ohio Earth Science Teachers Association (OESTA). I won a very nice rock sample and Tim Holly won a couple of pieces as well. Everyone who attended the rock raffle received a bag of over 100 samples of rocks and minerals, identified and labeled for classroom use. This would cost hundreds of dollars if I ordered them from a supply catalog!!

There are great things happening in Science!

Linda Brown:

I am very grateful that I was able to attend this year's SECO seminar. I came back excited and energized after attending the sessions I chose.

-The first seminar I attended was about bats. Specifically, the conservation and management of several bat species. We were given a link and materials so that we would be able to easily use this activity in our classrooms. My biology class will love this activity! The link provides real time observation of several bat species. The corresponding activities include data collection and education. All of the on-line material for this activity is available free of charge. We have not had this section in biology, so this will be used within the next month in my class.

- I also went to a session on Mendelian Genetics. They provide the seeds of quick growing plants that we can study and note genetic traits much like Gregor Mendel did in his early genetic experiments. I plan to use this also. The seeds and support material are free! I also attended a technology in the classroom seminar which allowed us to view some of the new technology and software available for science teachers.

-I also attended a session on digital dissection (Sponsored by PETA). They offered many free alternatives to use digital dissection in your curriculum. I also learned some statistics such as 98% of medical schools no longer use animal dissection for their comparative anatomy classes. We also went over the laws and rules associated with dissection. I learned that each state has different laws and requirements.

-One of the most interesting sessions was on the changing climate. The session concentrated on Ohio's weather patterns. One of the presenters was a climatologist/meteorologist from OSU. They gave us free videos and link to bring back to our classes. The next session was on Biomes,

so I will be using information from both of these sessions for my class. The session on biomes used resources that I already have to do an activity. I can now use them in a different way.

Tim Holly:

The first session dealt with engaging our students with real world situations like the very likelihood of our Native Brown Bat being endangered and possibly becoming extinct if we don't stop destroying their homes and habitats. There is a whole project based on designing and building bat houses as students research the Native Brown Bats. Students will learn the importance of bats to ecosystems and the environment as a whole. Facts like eating a tremendous amount of insects keeping mosquitoes populations down in many locations where there are healthy populations of bats and that many other bats are great pollinators keeping many plant species alive by transferring pollen from plant to another. The session about the bat project will further the student learning in all chapters / units dealing with terrestrial ecosystems and biomes and also crossover with Biology.

The third session dealt with preserving food. The food that was talked about was beer, but it was very instructional. This would be useful in the alternative fuels in the Renewable Energy chapter and also in the Food and Agriculture chapter.

Session seven was Project WET. I have used this from Carolyn to solve the Mystery of the Poison Pump with students and will use this new information to reinforce the knowledge and ideas of keeping water in the highest for human consumption. This also will be a great help in Aquatic Ecosystems chapters as well as the chapter over Water itself. This will assist students in investigating sources of possible contamination as well as actual real life situations happening today and maybe figure out ways to keep water from being contaminated in the future.

These are some of the sessions that I hope will inspire learning with my students this year as well as in years to come. Thank you for allowing me to have the opportunity of attending!

Natalie Stuttler:

While attending SECO, I was able to collaborate with other science teachers and pick their brains. I learned a lot about the scope and sequence of chemistry classes around the state and got some very good ideas about the sequence of my class for next year. I performed a few chemistry experiments using household items that I would consider doing next year. One experiment involved Borax and a flame torch to make tiny glass-like beads. I also saw first-hand the use of hand-held torches and their benefit vs. Bunsen burners, so I'm going to consider ordering those for next year as well.

I also learned about Materials Science courses. I am currently putting together curriculum for a Materials Science class and will be working on a sample syllabus for you to look at very soon. I

was invited to a camp for Materials Science teachers or teachers who are interested in teaching Materials science. This camp is free and it is week-long in the month of July. I believe Materials Science is a science course Apollo students could flourish in.

According to the ACS, "Materials science is a relatively new and very broad field. It involves applications from a number of scientific disciplines that contribute to the creation of new materials. Chemists play a predominant role in materials science because chemistry provides information about the structure and composition of materials, as well as the processes to synthesize and use them." Furthermore, "Materials scientists are employed by companies who make products from metals, ceramics, and rubber. They also work in the coatings (developing new varieties of paint) and biomedical industries (designing materials that are compatible with human tissues for prosthetics and implants). Other important areas are polymers (including biological polymers), composites (heterogeneous materials made of two or more substances), superconducting materials, graphite materials, integrated-circuit chips, and fuel cells. Materials science spans so many different disciplines and applications that people who work in this field tend to specialize in a technique or material type. Students are urged to contact associations for ceramic manufacturers, synthetic rubber makers, paints and coatings manufacturers, and plastics makers to find out more about each of these areas and the opportunities that exist for materials chemists in each of them."

Mrs. Roll, Social Studies/Government:

Mrs. Roll's students are working on "The U.S. at War" projects. By using collaborative features found on many Web 2.0 tools, including Prezi, students can work on their project together even if one of the group members is absent and they can see the editing in real-time. Such collaboration is a 21st Century Learning skill. The objective of the project was to study the U.S. at War, the president's role as Commander in Chief and other factors in determining when and why we go to war.



Administrative and Medical Office Technology juniors: Tessa Hunt, from Shawnee, and Ruthie Winget, from Columbus Grove, are working collaboratively on a WWII presentation simultaneously using Web 2.0 tool Prezi. What is unique about the situation is that they chose a Web 2.0 tool (Prezi) that I did not give them any instruction to use, and they are working collaboratively on the same project at the same time.

Mrs. Holbrook, Math, Integrated III

Mrs. Holbrook has created lessons using Class Kickback. This is an App for I-Pads in which students solve problems using their finger or stylus right on the I-Pad. The work shows up on Mrs. Holbrook's I-Pad so she can check their work, grade it and even apply virtual stickers. Students are able to virtually raise their hands for questions and Mrs. Holbrook is able to provide feedback at a must faster rate for students. This makes more efficient use of classroom time. Students were highly engaged.



Greg Sterling, Construction Equipment Technology senior from Shawnee, solves math problems using Class Kickback.



Cierra Miles, Health Careers junior from Bath, and Jacob Hale, Construction Equipment Technology junior from Bath, collaborated on math problems using Class Kickback.

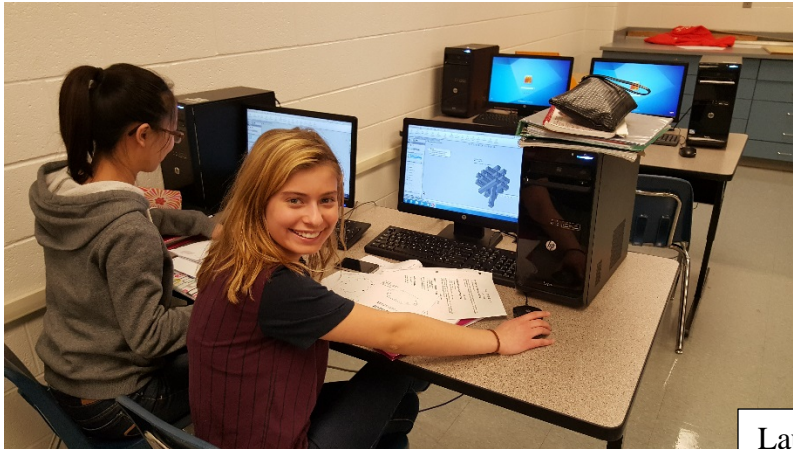
Satellites:

Matt Amstutz, Elida, Woodworking II:

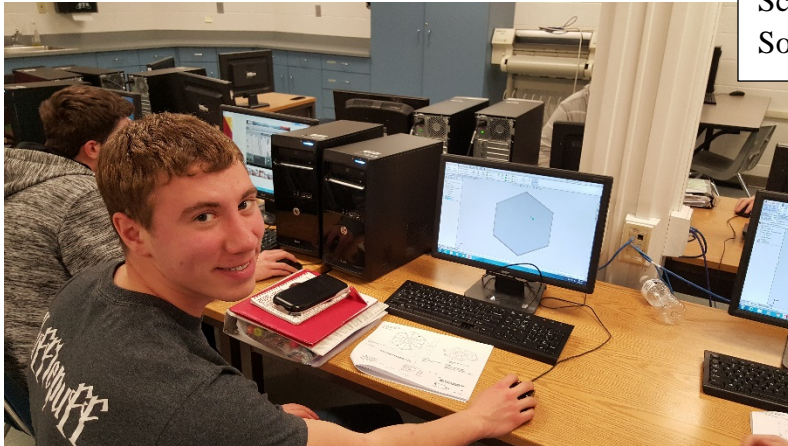


Senior Matt Paulik's finished his project last week. He too, built a red oak bookcase in class with molding and adjustable shelves. He then stained it with two coats of red oak stain, and three coats of lacquer finish. Job well done!

Keith Ramin, Wapakoneta, CAD:



Lauren Hire (above) and Caleb Schlenker (below) working on Solidworks to create a 3D.



Cafeteria: Shelly Caudill- Cafeteria Manager:



First in the lunch line is Ryne Kraft, Shawnee Construction Equipment Technology senior. Ryne said he is looking forward to eating his lunch!

January's Numbers:

Breakfast:

FREE: 541

REDUCED: 126

PAID: 84

TOTAL: 751

Lunch:

FREE: 2,889

REDUCED: 921

PAID: 2,571

TOTAL: 6381

TOTAL Government reimbursement for January: \$13,898.26.

Media Center:

January Media Center Stats

Circulation Stats for January 2016	
Fiction	466
Nonfiction	55
Periodicals	4
Equipment	1
DVD/Video	2
Audiobooks	1
Netbooks/Laptops	7
Total	536

Circulation Stats for January 2015	
Fiction	296
Nonfiction	82
Periodicals	3
Equipment	2
DVD/Video	1
Audiobooks	4
Netbooks/Laptops	6
Total	394



♥ Rate Your Date ♥

(Circle your choices)

Title of the book:

What was your first impression?

Yuck

Boring

Interesting

I'm in ♥

Would you read another book by this author?

Yes

No

Would you recommend this book to a friend?

Yes

No

Name:

Program:

The Media Center is holding its annual Blind Date Contest.

Select your book. A variety of genres are included.

Take your AR test and get an 80% or better.

Fill out the questions to rate your date and return it with your test.

Names will be put in for a drawing and the winner will win a gift card for two movie tickets! Drawing will be March 1st.

Enjoy a Blind Date
with a Book and get a
chance to win movie
tickets!

Hurry! Contest expires at the end of school February 29th

OREGAL

▼ Select your book to read from different genres.
▼ Take your AR test and get an 80% or better.
▼ Fill out the questions to rate your date and return it with your test.
▼ Names will be put in for a drawing and the winner will win a gift card for two movie tickets! Drawing will be March 1st.

Student Council:

Student Council leaders (l/r): Austin Phalen, Perry, Health Careers senior; Destiny Huffman Perry, Health Careers junior, and Kaylynn Spence, Bath, Health Careers senior went to Chiles Media Group, the home of 92.1 The Frog and spoke live on the air about the upcoming Food Drive.



Yearbook: Darla Krites, Advisor:

This is a sneak preview of a two-page layout for this year's Apollo yearbook.



JAMIE BUELL, *High School Instructional Supervisor* ~



Chris Shafer was recognized at the Lima Noon Optimist Youth Appreciation Luncheon. He is a senior from Columbus Grove high school in our Automated Manufacturing Technology program.

Dylan Pletcher, Bluffton senior in Welding, baked a cake and decorated it to represent animals and other items on the island as part of his Swiss Family Robinson project for Ms. Clifford's senior English class.



Austin Tippie, Bath senior in his second year of Building Maintenance, presented the house he built, with the help of his father, for his Swiss Family Robinson project for Ms. Clifford's English class.



Jay Wrasman (pictured left), Elida senior in his second year of Building Maintenance, built a house with the design help of Jory Freed. Jory is an Elida senior in Culinary Arts (pictured right). The two worked together on their Swiss Family Robinson project in Ms. Clifford's senior English class.



Jacob Fields, Bath senior in his second year of Welding, created a house model using his welding skills for his Swiss Family Robinson project in Ms. Clifford's senior English class.



Program Totals School Year: 2015-2016

Program	AV	AE	BA	BF	CG	EL	HN	LC	LM	PE	SV	SW	WK	Other	Total
ADMIN TECH I	0	0	2	0	1	0	0	0	1	0	0	1	3	1	9
ADMIN TECH II	0	0	0	0	0	0	0	1	0	0	0	4	0	1	6
AUTO COLLISION TECH I	1	0	1	0	2	3	0	2	2	0	0	2	1	0	14
AUTO COLLISION TECH II	2	0	1	1	1	1	0	0	0	0	0	2	3	1	12
AUTOMATED MANUFACT I	0	2	4	1	0	5	0	0	0	0	1	6	2	0	21
AUTOMATED MANUFACT II	1	2	2	3	2	1	1	0	0	3	0	2	3	0	20
AUTOMOTIVE TECH I	0	1	4	4	0	0	0	0	0	0	0	4	2	2	17
AUTOMOTIVE TECH II	0	0	6	0	0	0	0	0	1	1	1	1	1	1	12
BUILDING MAINTENANCE I	2	0	0	0	0	3	0	0	0	1	1	0	2	0	9
BUILDING MAINTENANCE II	0	0	2	0	0	1	0	0	0	0	1	1	1	0	6
CAREER BASED INT	0	4	3	0	0	1	0	0	0	0	2	5	1	0	16
CAREER EXPLORATION	3	2	1	0	2	1	2	0	0	2	1	2	1	0	17
CARPENTRY I	0	2	1	1	2	1	0	0	2	1	1	4	0	0	15
CARPENTRY II	0	0	1	0	2	3	1	0	0	4	0	2	3	0	16
COMPUTER INFO SUPPORT I	1	2	1	1	1	3	0	0	0	2	0	3	2	1	17
COMPUTER INFO SUPPORT II	0	1	4	0	0	4	0	2	0	1	0	2	4	0	18
CONSTRUCTION & EQUIP TECH IA	0	2	3	1	1	1	0	1	0	4	1	2	4	2	22
CONSTRUCTION & EQUIP TECH IB	1	2	1	0	4	1	0	0	0	5	2	4	1	0	21
CONSTRUCTION & EQUIP TECH II A	4	1	4	2	1	0	0	0	0	2	0	3	0	0	17
CONSTRUCTION & EQUIP TECH II B	1	1	3	0	2	0	0	0	0	3	0	2	0	0	12
COSMETOLOGY I	0	0	3	1	2	2	0	0	1	4	1	2	7	0	23
COSMETOLOGY II	0	2	1	0	0	2	0	0	0	0	1	0	4	0	10
CULINARY ARTS I	2	0	2	0	1	4	0	0	0	2	1	0	1	1	14
CULINARY ARTS II	0	0	0	0	1	1	0	1	0	1	0	3	2	0	9
EARLY CHILDHOOD ED I	0	0	2	0	0	3	0	0	0	3	1	4	2	0	15
EARLY CHILDHOOD ED II	0	0	1	0	1	4	0	0	0	0	1	3	2	0	12
FLORAL DESIGN I	1	0	0	0	1	1	1	0	2	4	0	2	0	0	12
FLORAL DESIGN II	0	1	2	0	0	0	0	0	0	0	0	1	1	1	6
HEALTH CAREERS 1A	0	1	1	0	3	0	0	0	1	5	1	1	4	0	17
HEALTH CAREERS 1B	0	1	5	0	0	5	0	0	1	1	1	2	3	0	19
HEALTH CAREERS 2A	1	0	1	0	3	3	0	0	1	2	0	2	0	0	13
HEALTH CAREERS 2B	1	0	1	0	2	2	0	0	0	2	3	0	2	0	13
MULTIMEDIA TECH I	0	0	5	0	0	3	0	0	0	0	1	3	3	0	15
MULTIMEDIA TECH II	0	0	0	1	1	0	0	0	0	2	0	2	1	1	8
PRINT & GRAPHICS I	1	1	3	0	0	0	0	0	0	0	0	2	2	1	10
PRINT & GRAPHICS II	0	0	1	0	0	0	0	0	0	0	0	1	0	0	2
SPA & ESTHETICS	1	0	0	1	0	1	0	0	0	4	0	1	0	0	8
SPORTS FITNESS I	2	2	2	0	0	0	0	0	1	0	2	5	2	0	16
SPORTS FITNESS II	1	1	3	0	0	1	0	1	0	3	0	0	1	0	11
WELDING I	0	0	2	1	0	3	1	0	0	0	5	6	6	0	24
WELDING II	0	0	3	2	2	1	0	0	0	1	3	2	2	0	16
Total	26	31	82	20	38	65	6	8	13	63	32	94	79	13	570