

FREDERICK V. PANKOW CENTER

A. Geikas-Los, Career Development Facilitator –Room 301

January 2012



Erik Edoff,
Senior Director for
Instructional Programs

Amy Gole, Director for
MST/CTE

Michael Kaufman,
Director for Performing
Arts

Dates to Remember:

January 30
2nd Semester Begins

January 31
LCN 9-11th grade
Pankow Auditions
Intermediate or
Advanced

February 2
LCHS 9-11th grade
Pankow Auditions
Intermediate or
Advanced

February 3
Dialogue Day

February 17-21
Mid-Winter Break

CONNECTIONS NEWSLETTER

F. V. Pankow MST Students Participate in Ford Motor Company High School Science and Technology Program

MST students had the opportunity this year to visit the Ford Research and Innovation Center in Dearborn, Michigan to learn more about careers in engineering. Offered since 1984, the HSSTP was designed to “increase student awareness about technical careers and demonstrate the importance of science and mathematics in industry.” Students are exposed to engineers, scientists, and technicians currently working in a wide variety of disciplines. Students visit state-of-the-art labs including manufacturing facilities. More importantly, students are exposed to the most recent advances in science and engineering and the emerging technologies that drive research and development.



The HSSTP is held on six Saturdays throughout the school year. Most students would not attend a field trip on Saturday, let alone six Saturdays out of the year. However, over 30 MST students in 9th through 12th grade have attended various sessions so far, learning about vehicle electrification, tribology (the science of interacting surfaces in relative motion), and career day (promoting exposure to various fields of study and colleges). The engineers who volunteer their time to set up the sessions and speak with the students make a significant impact regarding career choice and college selection. High school juniors and seniors who have attended the HSSTP all the way through the school year are eligible to apply for a summer internship position working with Ford engineers as their mentors. The Ford Motor Company is truly providing an incredible opportunity for high school students throughout the Detroit-Metropolitan area.

*Any MST students interested in this opportunity should see
Mrs. Pyper in room 204 at The Pankow Center.*



2011 MST REUNION AT PANKOW

The Math/Science/Technology Instructors at The Pankow Center were pleased to welcome 2011 graduates for a reunion and information sharing day with current MST students. The graduates talked to students about campus life, the transition from high school to college, time management, and how their high school classes had prepared them academically. To view more interview highlights visit: <http://www.lc-ps.org/Departments/LCPS-TV/NowPlaying.htm>.

The L'Anse Creuse Community Action Coalition

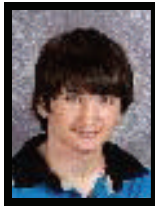
Dialogue Day! Friday, February 3, 2012 at Trinity Lutheran Church from 8:30 am—1:00 pm

Dialogue Day is an annual activity hosted by the CAC which provides students an opportunity to meet with community leaders and is dedicated to building assets, preventing substance abuse, and empowering youth.

**For details contact: Chairperson, Julie Rickel at rickeju@lc-ps.org or visit: lc-ps.org/ Parents/
Guardians/Community Action Coalition**

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Intro to Energy - Making Progress...



Article written by
Corey S.,
Introduction to
Energy student



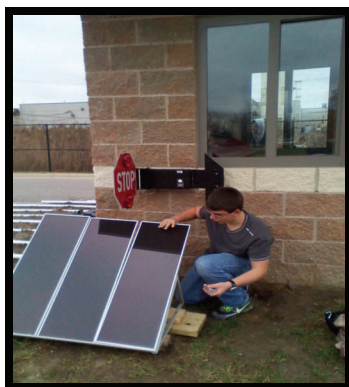
Have you ever tried to build an irrigation system or put up a solar panel yourself? The students in the Introduction to Energy class at the Fredrick V. Pankow Center of the L'Anse Creuse school district have done just that. With help and supervision from their teacher Mr. Van Wingerden, these students have learned to understand and build modern day technologies. You may be wondering what an irrigation system

is, an irrigation system is a posh term for a sprinkler system. Their project site is just outside of the guard building of the Fredrick V. Pankow Center. Because this class is devoted to green energy, all the water is collected from rain which is gathered from the gutters of the guard building. Once collected, the rain water is drained into a barrel which is stored for later use. All the electricity used is harvested from the sun using solar panels.



Using green energy, such as solar panels, can diminish green house gases which contribute to global warming. These students learn and use green energy everyday; they prompt you to do the same.

Introduction to Energy is all about energy systems. The students have recently completed the construction of a solar powered rainwater distribution system, and are currently working on wind turbine systems. The class starts with understanding energy systems, their sustainability and our individual energy future. Then the students study and build basic electronics circuits. During the rest of the school year the students will be building hydrogen fuel cells and hydrogen fuel cell cars. They are also learning the basics of home energy audits in hopes that they can make some changes to their own home and save their parents money.



~Mr. Van Wingerden

Career & Technical Education Student Activities

Skills USA provides quality education services for students in leadership, teamwork, citizenship and character development. Local, state, and national competitions are held to allow high school students to test their skills in their particular trade.



SkillsUSA Offerings at The Pankow Center:

- Automotive Collision & Refinishing
- Automotive Technology
- Culinary Arts
- Law Enforcement
- Visual Imaging Technology

Health Occupations & Students of America (HOSA)

- Health Occupations 1 & 2
- Medical Assisting



Future Farmers of America prepares students for success in Agriculture Education

Horticulture Science



The National Technical Honor Society promotes ideas of honesty, service, leadership, and skilled workmanship.



An international student organization dedicated to supporting young students interested in education-related careers.

Education-Early
Childhood

Education -Teacher
Cadet K-12



Business Professionals of America

America -Prepares Students in business management and other career-related fields.



Business Management Technology

Network Administration & Computer Servicing
Programming for X Box & Web Design

CONNECTIONS



Horticulture Science & Future Farmers of America—Bringing Community Together

Future Farmers of America (FFA) is a leadership - career skills organization associated with Horticulture Science at The Pankow Center, and is open to 7-12 graders. Pankow FFA is involved with the local community and contributes to a service learning project with senior citizens in Lenox township. The FFA chapter was proud to have received a *Rural Youth Development* grant from the National FFA and the U.S. Department of Agriculture (USDA) in order to develop service learning in the community. Students participate in activities with the senior citizens once a month. Some of their projects include; making corsages, flower arrangements, gardening, and even a trip to the Detroit zoo. Students are also assisting with the beginning development phases of a community garden in Clinton Township. Students will work to design the flower beds, plant, care for and maintain; and harvest vegetables. ~Mrs. Tautolo

For more information about the Horticulture Science class, check out their class blog at: <http://edublogs.misd.net/pankowhorticulture/>.



Sign Up Now to Audition for Pankow Performing Arts Intermediate or Advanced Dance

What you need to do.....

- *Any 9th-11th grader interested in taking Intermediate or Advanced dance at Pankow, please sign up in the counseling office at your school.*
- *You will need to be excused from your 6th and 7th hours and take the bus to Pankow.*
- *Come prepared to dance with the class for the two hour period.*

Audition dates are as follows:

**L'Anse Creuse North - 6th/7th hr
Tuesday, January 31, 2012**

**L'Anse Creuse High School- 6th/7th hr
Thursday, February 2, 2012**



***“Cut Loose” was Great!
“It Gets Better Every Year...”***

Students from the Pankow Center’s Performing Arts Dance classes presented the jazz/lyrical “Cut Loose,” a dance number which features a mixture of jazz-style dance and ballet on January 19th in the John Armstrong Performing Arts Center. “I think it was our best performance yet; it really went well” said Dance Teacher, Mrs. Thuman. Students from four levels of Mrs. Thuman’s dance classes had been practicing throughout the semester for the first of two scheduled performances this year. Seasoned dancers Lexa C. (an 11th grader at LCN), and Rachel P. (a 10th grader at LCHS) said, “It was fun; we had a lot of people there,” and “It gets better every year.” Both students have been involved in PA dance since the start of high school and have danced together through independent dance studios for the past six years.

Congratulations! The Pankow Center *January* Students of the Month



Ian O., LCN ~ Construction Technology

“Ian is a persistent young man, whether working on the house or completing his assignments in school, with a current class average at 94%. His character in my opinion is one marked by persistence, reliability, and confidence. I am certain that we will find this young man in the asset column of our world.”

~ Mr. Sabelhaus, Construction Technology Teacher



Megan P., LCHS ~ Health Occupations 1

“Megan is outstanding academically and is a peer mentor in the classroom.”

~ Mrs. King, Health Occupations Teacher



Emme B., LCHS ~ MST Biology

“Emme is the type of student who makes being a teacher the most rewarding job in the world; her hard work and determination are inspiring.”

~ Mr. Nuechterlein, MST Biology and MST AP Biology Teacher

Career Cruising *Corner* *Explore Your Future On* www.careercruising.com

February 6-10th is *National Counseling Week* “National School Counseling Week is sponsored by the American School Counselor Association and raises public awareness about the role school counselors play in helping students strive for academic success, personal growth, and career development.”

This Month's Career Feature: *Electrical Engineer Tech*

Electrical engineering techs help engineers develop, manufacture, and maintain a wide range of electrical products and equipment. The most common duties for techs in this field include designing and tweaking electrical systems (in order to improve power distribution, for example), and troubleshooting and repairing electrical products that aren't working properly, such as motors or generators. **For more information visit:** www.careercruising.com.

Michigan Career Pathway: *Engineering/Manufacturing & Industrial Technology*

Entry-Level Earnings: *In general people in this profession can earn between \$32,000—\$79,000 annually depending on education, experience, location or employer. The reported median wage in Michigan is \$53,000 annually.* (Source: U.S. Department of Labor, Bureau of Statistics www.bls.gov).

Education & Training: A degree in electrical engineering technology or a related field. Technicians usually have an associate degree and technologists often have a bachelor's degree. Students should hold good grades in math, physical sciences, and technology courses.

Related Frederick V. Pankow Center Courses: Green Technology (STEM), Alternative Energy, Programming/Network Administration, Web Design and Math, Science & Technology Program.

Career Quote: “Success is to be measured not so much by the position that one has reached in life as by the obstacles which he has overcome.”
~Booker T. Washington