



**ELEMENTARY EXPLORER DAY!**  
**LISD TECH CENTER**  
**MICHIGAN CAREER EDUCATION**  
**CONFERENCE 2011**

# LISD CAREER PREPARATION SERVICES COORDINATORS



- JANE CASTLE
- KIM DUSSEAU
- JONATHAN TOBAR

**CONTACT INFORMATION:  
SEND A TEXT TO -50500  
IN MESSAGE WRITE- CPS**

"The LISD will support and implement collaborative projects that enable each child to be ready, able and eager to learn. "

# PURPOSE:

- TO CAPTIVATE ELEMENTARY STUDENTS THROUGH **CAREER EXPLORATION.**



- TO COMPLETE PROJECTS REPRESENTATIVE OF THE **CAREER PATHWAY.**





● TO PROVIDE  
**MENTORING**  
**EXPERIENCES**  
 FOR LISD TECH  
 CENTER STUDENTS.

**SATURDAY CAREER EXPLORATION CAMPS**



**Emerging Engineers**  
Camps for 4 & 5 Graders

**Inspirational Innovators**  
Camps for 6, 7, & 8 Graders

**Mechanics Mania**  
 All Sessions: 9:00 - 12:00  
 Explore what it means to be a mechanical engineer. Experience building and repairing machines and mechanisms using simple machines at the building blocks. Investigate mechanical machines and explore the workings of mechanisms such as wheels, gears, levers, and pulleys. Use the skills learned in this camp to build a catapult for competition against other camps.  
 Instructor: Earl Frenson  
 Location: LISD TECH Center  
 Careers in Education Classroom

**Next Top Chef** - Culinary, Culinary Careers  
 All Sessions: 9:00 - 12:00  
 Become the next top chef at the cooking camp! This camp will spark imagination and encourage creativity. Create ladybugs and extraordinary dishes from around the world. Each day for a theme: American regional cuisine, taste of Italy, Mexican fiesta and Tex-Mex, Taste of Asia, southern cooking, and Louisiana gumbo. Through these themes, campers will master a variety of cooking styles and techniques. Don't forget!  
 Instructor: Chef Corbett Day  
 Location: LISD TECH Center  
 Hospitality & Culinary Arts Classroom

**Secret Agent Lab**  
 7th Session: 1:00 - 4:00  
 James Bond? Mad Scientist? Austin Powers? Do you know what does it take to become "the boss"? Learn about secret communications, crime scene investigations, and the environmental protection agency. Then, don't get the answer to a mystery! Join the Mad Science Bureau of Investigation to gain the skills needed to become a spy, detective, or scientist.  
 Instructor: William Jones  
 Location: LISD TECH Center  
 Careers in Environmental Technology Classroom

**Brace! Braced! Amusement**  
 All Sessions: 9:00 - 12:00  
 Explore animation, photography, modeling, visual literacy, and multimedia concepts while creating a variety of different amusement rides. What creativity and in-class teams to create amusement using Photoshop and After. At the end of the six weeks, present your models in the Recreation Theater for family and friends.  
 Instructor: Joel Swisher  
 Location: LISD TECH Center  
 Computer Imaging Technology Classroom

**Metalicious! Iron Art**  
 7th Session: 1:00 - 4:00  
 Explore the art of welding in this six-week camp, from the basics of Shielded Metal Arc (SMAW) welding and Gas Metal Arc (GMAW) welding. Each week campers will create a take-home project as they build skills in welding. Using imagination and welding skills, campers will have the opportunity to create a welding artwork. Prerequisite: welding experience in high school.  
 Instructor: Brian Cooper  
 Location: LISD TECH Center  
 Advanced Manufacturing Classroom

**Summer Camps Begin: January 11, 2011 Through February 15, 2011**

**Registration Begins: November 1, 2010 Registration Ends: December 15, 2010**

**Questions? Call: Kim Anderson 360-925 or email: kim.anderson@lisd.net**

**Cost is \$40 per camp!**



● TO PROMOTE  
**CAREER CAMP**  
**OPPORTUNITIES**  
 @ THE LISD TECH  
 CENTER.



# HISTORY:

- 9 years ago-1 school- 3 programs
  - Graphic Imaging Technology
  - Engineering, Design & CAD
  - Hospitality & Culinary Arts



- The Principal's Daughter / Chef's son





## CLINTON 2<sup>ND</sup>/3<sup>RD</sup> GRADERS

- HOSPITALITY & CULINARY ARTS
- CAREERS IN BIO-CHEMICAL TECHNOLOGY



## PROCESS

- SCHOOLS WERE CONTACTED REGARDING INTEREST.
- SCHOOLS WERE SELECTED ON A 1ST COME 1ST SERVE BASIS.
- DATES WERE BOOKED
  - PROGRAM VOLUNTEERS
  - MEETING SPACE
  - ADULT GUIDES- CPS COORDINATORS
- SENT INFORMATIONAL PACKETS TO PARTICIPATING SCHOOLS.
- COORDINATED THE SPECIFICS WITH THE PROGRAMS.





## WELCOME TO THE LISD TECH CENTER

- GREET THEM AT FRONT DOOR
- GATHER IN A MEETING ROOM







- "GET TO KNOW YOU" SESSION
- DIVIDE STUDENTS INTO PREDETERMINED GROUPS OF 20 OR LESS + ADULTS
- VISIT 3 PROGRAMS FOR @ 25 MINUTES EACH



# CTE PROGRAMS INVOLVED

- ◉ Building and Maintenance
- ◉ **BUILDING TRADES**
- ◉ Careers in Biochemical Technology
- ◉ **CAREERS IN EDUCATION**
- ◉ Careers in Electrical Engineering
- ◉ **DENTAL AIDE**
- ◉ **EMT**
- ◉ **ENGINEERING, DESIGN & CAD**
- ◉ Entrepreneurship, Marketing & CAD
- ◉ **GRAPHIC IMAGING TECHNOLOGY**
- ◉ Health Care Careers
- ◉ **HOSPITALITY & CULINARY ARTS**
- ◉ Ornamental Horticulture
- ◉ **VIDEO & AUDIO PRODUCTION**





# BUILDING & MAINTENANCE SERVICES

- BUG HOUSES
- DIDDLEY BOWS





# BUILDING TRADES

- PADDLE BOATS FOR THE TUB
- KALIDESCOPE KITS FROM LOWE'S



# CAREERS IN BIOCHEMICAL TECHNOLOGY

- EGG EXPERIMENT
- CORN EXPERIMENT





# CAREERS IN EDUCATION

- THANKSGIVING PLACEMAT
- USING ELLISON DIES &





# CAREERS IN

# ELECTRICAL ENGINEERING

- PINWHEEL - WHIRLY GIGS (WIND ENERGY)
- LIGHT SENSITIVE PAPER (SOLAR ENERGY)





**MAKE  
YOUR  
OWN**







- PROPER TOOTH CARE
- CHOOSING HEALTHY FOODS - HOSA
- MAKING IMPRESSIONS





# EMT

- TAKE PULSE
- HEAR HEARTBEAT
- 911
- CPR



# ENGINEERING, DESIGN & CAD

- DESIGNED GINGERBREAD HOUSES

"TODAY WAS THE BEST DAY EVER BECAUSE WE WENT ON A FIELD TO THE TECH CENTER..."



**"TODAY WAS COOL BECAUSE WE GOT TO DO COMPUTERS"**

"TODAY WE WENT TO THE "TEST" CENTER. MY FAVORITE PLACE WAS THE GRAPHICS. IT WAS AMAZING. MY PARTNER WAS SO PRETTY AND COOL."





# ENTREPRENEURSHIP, MARKETING & FINANCE

- DESIGNED CANDY BAR WRAPPER
- WORKED IN THE SCHOOL STORE



# GRAPHIC IMAGING TECHNOLOGY

- DESIGNED HOLIDAY CARDS
- BUTTON MAKING
- COMPUTER ART





# HEALTH CARE CAREERS

- PROPER HAND WASHING  
– BLACK LIGHT
- ACTIVITY BOOK
- 911



# HOSPITALITY & CULINARY ARTS

- TASTING UNUSUAL FOODS
- DECORATE COOKIES
- MINI PIZZAS





- POPCORN BALLS
- EGGS



# ORNAMENTAL HORTICULTURE

- POTTING PLANTS
- FLORAL ARRANGEMENTS





## VIDEO & AUDIO PRODUCTION

- CREATING SOUNDS ON MACS
- POSING WITH HANNAH MONTANA AND SPONGE BOB
- OPERATING A STUDIO CAMERA



# WRAP UP

- UNPACK VISIT
- ELEMENTARY STUDENTS RECEIVE A "TAKE HOME" PROJECT & A SNACK
- WATCH CAREER CAMP DVD
- INVITE THEM BACK





# BENEFITS

- ELEMENTARY KIDS **LOVE IT!**
- HIGH SCHOOL KIDS **LOVE IT!**
- TEACHERS & PARENTS **LOVE IT!**
- SCHOOLS **LOVE IT!**  
(INEXPENSIVE FIELD TRIP)

**Trip to TECH Center enhances Clinton class' lessons on food**

By CHRISTY DRAGANIC/STAFF WRITER  
christy@timesfreemedia.com

CLINTON — Food is at the center of Clinton Elementary School students' daily lives. They learn about nutrition, food safety and food science in their classrooms. But last week, they also learned about food in a real-world setting.

Clinton Intermediate School District (CISD) Tech Center instructor Terry Wood took department Clinton Elementary students who studied how food is used in science.

Wood said the students learned about all of the steps involved in growing, raising and raising. He said the students learned about the science of food and how it is used in the kitchen.

The Clinton Tech Center is a state-of-the-art facility that provides students with hands-on learning experiences. The center is located in Clinton, Ohio, and is a part of the Clinton Intermediate School District.

Wood said the students learned about all of the steps involved in growing, raising and raising. He said the students learned about the science of food and how it is used in the kitchen.



Clinton Elementary students who studied how food is used in science.



Culinary arts students Cindy Spahr (l) and Maria Dichter work on their projects with Clinton Elementary student Christine Pugh (l) and Sarah Pugh (r).



- EXPOSURE TO YOUR CAREER CENTER
- EXPOSURE TO DIFFERENT CAREERS
- MARKET SUMMER/WINTER CAREER CAMP OPPORTUNITIES
- HIGH SCHOOL STUDENTS MENTOR ELEMENTARY STUDENTS
- PRESENTATION TO LOCAL CAREER PREP COORDINATORS





# OBSTACLES

- NOT APPROPRIATE FOR ALL PROGRAMS
  - SAFETY
  - TIME FACTOR
  - TEACHER PARTICIPATION
  - HIGH SCHOOL STUDENTS PARTICIPATE



# LESSONS LEARNED

- SESSIONS MUST BE ENGAGING /HANDS-ON
- LENGTH OF EACH SESSION @25 MINUTES



- NUMBER OF STUDENTS
- CHAPERONES (SCHOOL MUST PROVIDE)
- COST
  - TRANSPORTATION – LISD FINANCES ONE BUS PER SCHOOL
  - SUPPLIES
  - SNACK, BAGS, NAME TAGS/LABELS
- 1/2 DAY VS. FULL DAY
- AGE OF STUDENTS

WE BELIEVE EDUCATION REQUIRES INNOVATION AND CONTINUOUS PLANNING, IMPLEMENTATION, AND EVALUATION."

-FROM THE LISD BELIEFS





# VARIATIONS

- HEALTHY SNACK DAY
  - HOSPITALITY & CULINARY ARTS
- UNIT SPECIFIC EXPLORATION
  - TEACHER-LED UNIT CONNECTED WITH A TECH CENTER PROGRAM.





## "HEALTHY SNACK SUMMIT"

### CHEF CORBETT DAY

HOSPITALITY AND CULINARY ARTS INSTRUCTOR @ THE USD TECH CENTER  
AND  
THE 2ND YEAR HOSPITALITY/CULINARY STUDENTS  
INVITE YOU TO A HALF-DAY OF  
FUN & LEARNING ABOUT HEALTHY FOODS  
@ THE





## LOOKING TOWARDS THE FUTURE

- PREPARING FOR LISD MODERATELY COGNITIVELY IMPAIRED (MOCI) STUDENTS TO VISIT WORK SUPPORT SERVICES (WSS)
- 5<sup>TH</sup> & 6<sup>TH</sup> GRADERS
- LOCK-IN
- ????



# QUESTIONS

- o <http://msoverton.pbworks.com/w/page/23765442/Tech-Center-Field-Trip>





# CONTACT INFORMATION: SEND A TEXT TO -50500 IN MESSAGE WRITE- CPS

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LISD CAREER PREPARATION SERVICES

CPS COORDINATORS: JANE CASTLE, KIM DUSSEAU, JONATHAN TOBAR

SECRETARY: REBECCA SCHWAN (517) 265-1665 [WWW.LISD.US](http://WWW.LISD.US)

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EDUCATORS

INSTRUCTIONAL PROGRAMS

CAREER PREPARATION SERVICES-

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