

## Watt's Up?

Earth Day 2011 . . .

There were many Earth Day celebrations through out the district including concerts, neighborhood cleanups, recycling, an energy fair by the Iowa Energy and Sustainability Academy (IESA) students and more. Click the link and visit our web site to see more at [www.dmps.k12.ia.us](http://www.dmps.k12.ia.us).

## North Students...



## Learn More @

Do you have some summer projects? You can ideas for projects that will reduce your energy consumption from ENERGY STAR. Visit their web site at [www.energystar.gov](http://www.energystar.gov) to learn more.



## Are You Ready For Summer?

*Energy is one of the few expenses a school can reduce without sacrificing educational quality.*

DOE: Energy Efficiency and Renewable Energy (EERE)

Here are a few helpful tips before you leave your classrooms behind for all the fun of summer.

- Turn off and unplug electronics (computers, copiers, desk calculators, projectors, radios, TV, VCR/DVD players, etc.). Turn off lights.
- Unplug refrigerators (leave door open).
- Turn off and unplug appliances (microwaves, coffee pots, etc.) and take home.
- Close all doors and windows, turn blinds in a downward direction.

## Whiteout For Energy

Twelve classrooms at Brody and fourteen classrooms at Pleasant Hill were happy to receive their new whiteboards. These classrooms have shown that they believe in the best use of our energy resources. The teachers have made a commitment to reduce electric consumption by:

- eliminating non-instructional use appliances.
- turning off lights when not in use.
- keeping vents unobstructed to increase efficiency of the HVAC (heating, ventilation, air conditioning) systems.

The whiteboards replaced old slate chalk boards and will also serve as screens for projectors, eliminating the need for the old pull down screens .

You can see pictures to the right of the transformation in one of Brody's classroom.



## Check it out...

### What's new from our students

By Jordan Perez, IESA Student

Hi I'm Jordan Perez, a student at Central Campus in the IESA program. Today I will be talking about our Earth Day activities, an update on the recycling program at central campus, and our alternative energy labs/activities. Earth Day was a hit; we had activities, learning games, and more. We taught some of the kids about what we do in the program and gave them packets with information on how to save money, and energy. The activities we did were making dog food scoopers out of milk jugs, painting egg cartons, planting fruits and veggies, and making paper out of old Newspapers.

Recycling is every Wednesday. We take the paper, cans, and bottles that aren't worth 5 cents to the big recycle dumpster. Then we head to the classroom and count all of the cans that we can exchange for money and use that money for new labs/activities and field trips. The numbers and pounds we have for paper, bottles, and cans are (13,721 lbs. of paper, 2,446 bottles, and 1,801 cans).

Alternative Energy labs are fun activities that are about all of the different energy sources we use or could use. The Alternative Energies are solar, wind, nuclear, hydroelectric, fossil fuels, and biomass. In the activities we have little samples of different energy sources that we could use and we have to look at them and write down what we thought it was. The first lab was about fossil fuels, some of the fossil fuels were oil, coal, and Pete. The reasons why we do labs and activities is to have fun and learn at the same time, it's a great way to learn and that's why I chose this class.

## YEAR-TO-DATE SITE ENERGY USAGE REPORT

July 1, 2010 – March 31, 2011

Percentage change as compared to same time period from previous year.

Site	Total Energy (mBtu)	% Chg	Site	Total Energy (mBtu)	% Chg
Park Avenue	1,707	-69%	Welcome Center	365	-1%
Madison	1,206	-57%	Stowe	1,077	-1%
Howe	989	-51%	Aviation Lab	671	-1%
Wright	740	-49%	Dean Operations Center ◊	3,708	
Garton	1,881	-32%	Jackson ▪	1,191	
Windsor	1,280	-25%	Mitchell ▪	766	
Merrill	5,760	-22%	Scavo @ Moore ▪	2,742	
East	19,390	-21%	Weeks	3,750	1%
Pleasant Hill	1,355	-20%	CNC	10,518	1%
Cowles	2,332	-13%	Roosevelt ●	25,688	1%
Harding	6,565	-12%	South Union	1,472	1%
North ●	18,619	-12%	Hoyt	6,627	1%
Central Campus ●	25,905	-10%	Greenwood	1,425	2%
Downtown School	1,730	-10%	McKee	628	3%
Goodrell	2,692	-9%	Carver	1,913	3%
Edmunds	3,128	-9%	River Woods	2,808	4%
Hoover/Meredith	17,707	-8%	Brubaker	1,882	5%
Morris	1,308	-7%	McKinley	2,038	5%
Smouse	5,235	-7%	Perkins	1,297	6%
Willard	2,340	-6%	Hanawalt	1,111	6%
Cattell	1,543	-6%	Studebaker	3,408	7%
Brody	7,480	-6%	Hillis	1,291	8%
Lincoln	18,483	-5%	Callanan	3,746	8%
Central Academy	4,181	-5%	Prospect	7,146	8%
Lincoln South	6,939	-5%	Monroe	3,438	9%
Samuelson	1,447	-5%	River Plaza	1,004	12%
Jefferson	1,973	-5%	Van Meter	5,246	12%
Walnut Street	6,335	-5%	King	1,161	12%
Hiatt	6,944	-4%	Casady	2,803	13%
Hubbell	2,179	-4%	McCombs		
Capitol View	2,548	-3%	Greenhouse	1,342	24%
McCombs	6,767	-3%	Oak Park	2,130	30%
East Academy	2,628	-3%	Moulton	8,786	34%
Lovejoy	2,111	-2%	Findley	2,903	62%
Phillips	1,983	-2%			

▪ Building under construction comparison year 2009-10  
● Building occupied during renovations

◊ Building unoccupied part of comparison year 2009-10  
ENERGY STAR labeled building

Visit [www.dmps.k12.ia.us](http://www.dmps.k12.ia.us) for more details of the district's energy mission and building performance.  
**Tell us about it!** Do you want to share your ideas for saving energy or helping our environment? Or want to let us know about your projects? E-mail [lisa.simpson@dmps.k12.ia.us](mailto:lisa.simpson@dmps.k12.ia.us).



Key

Increase in energy use  
Maintaining energy use  
Decrease in energy use