

The District's energy usage is down **10%** from last fiscal year, with Stowe leading the way in reduction. Let's keep up the good work and keep energy consumption down. Flip to Page 3 to

see how your building measures up.



Join Team **ENERGY STAR!**



Help the Lorax protect the climate by:
> LEARN HOW



EARTH DAY—APRIL 22, 2015

"Unless someone like you cares a whole awful lot, nothing is going to get better, it's not."

Dr. Suess, The Lorax

The Lorax, is perfect for April to celebrate Earth Day. The fun, timeless tale delivers the message of taking good care of the environment.

Earth Day Activities

Join the IESA class at Central Campus in celebrating Earth Day on Wednesday, April 22 from 8am to noon. There will be several displays and giveaways.

Display Topics

- Energy Savings
- Recycling
- Water quality
- Air quality
- Lorax themed giveaways



DMPS Earns Energy Star® Partner of the Year for Fourth Consecutive Year

2015 Climate Communications and Sustained Excellence Award



U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy (DOE) have selected Des Moines Public Schools for the 2015 Energy Star Partner of the Year Award for Climate Communications and Partner of the Year for Sustained Excellence. This is the fourth consecutive year the school district has received a Partner award.

IESA Students Report on Spring Break Trip to Catalina Island



Hunter Mezera

This spring break I was fortunate enough to go to the Catalina Islands to participate in service projects for college credit. It was a fantastic 12-day adventure where I spent five days on the island working. One of my favorite things I did was compost. All of the food scraps were saved and put into the pit for it to break down into rich, fertile soil.

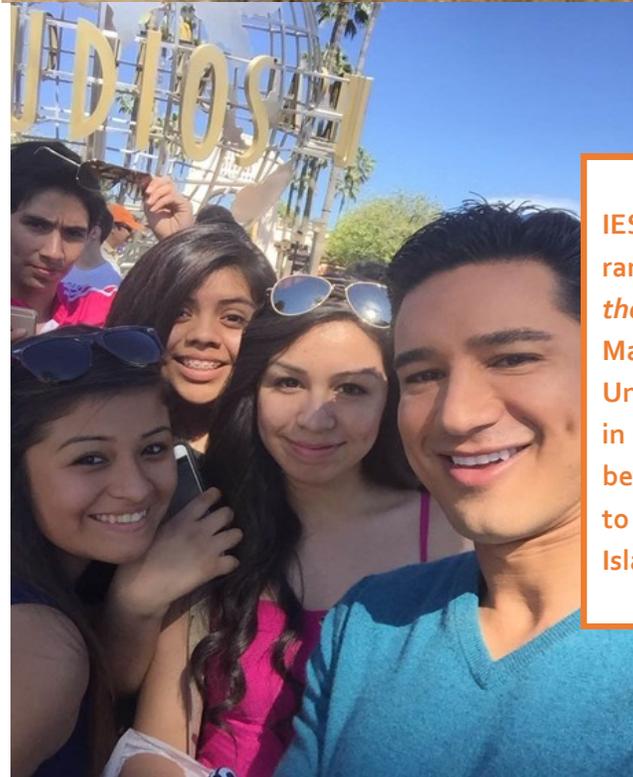
We used all foods except meat and dairy. It was a decent sized rectangular pit and it took about three months for it all to break down. Then we shifted it into a pile. Then we shifted it even smaller and let it bake in a solar oven to kill all of the other seeds. Finally we had fresh fertile soil that is ready to use.



Carolina DeAvila

Lincoln High School

The IESA program at Central Academy had the opportunity to go to Catalina Island to learn about environment sustainability and work with the Catalina Environmental Leadership Program. During the days spent on this island, the students were assigned to small projects around the island that would help the environment in one way or another. One of the projects was removing invasive species from the ground. The reason for this is that the plants native to the island are being robbed of resources by the invasive species from the ground. The reason for this is that the plants native to the island are being robbed of resources by the invasive species, for example, sunlight may not reach the native



IESA students ran into *Saved by the Bell* actor Mario Lopez at Universal Studios in Las Angeles before heading to Catalina Island.

plants because the invasive plant is right above it. These weeds can compete for sunlight, water and nutrients in the soil and crowd natives out. Invasive species are considered the second greatest threat to biodiversity worldwide and are the leading cause of species extinctions in island ecosystems. One of the plants that we had to remove was fennel. The Central Academy students took on fennel on one of the service projects. We were taken on a short hike on top of a hill, with a field full of fennel. We were given gloves and a shovel, what we had to do was dig out the root to prevent it from growing again. Together, we were able to help an ecosystem, all it

took was a few hours from our day and effort. This was a great hands-on learning experience for my classmates and me.

ENERGY REPORT CARD

YEAR-TO-DATE SITE ENERGY USAGE REPORT : February 2015

Percentage change as compared to same period time of last year

*kBtu/SqFt for period of Feb. 2014-Feb.2015

Site	Total Energy (MBtu)	kBtu/SqFt*	% Chg	ENERGY STAR Score		Site	Total Energy (MBtu)	kBtu/SqFt*	% Chg	ENERGY STAR Score	
Stowe	204	37.8	-52.1%	*85		Windsor	226	27.4	-9.4%	*94	
North	1,291	54.6	-51.8%	*87		Perkins	181	28.9	-9%	*96	
Roosevelt	2,180	79.4	-29.9%	59		Merrill	625	53.4	-8.4%	*96	
Edmunds	145	N/A	-29.4%	*97		Garton	420	48.9	-7.9%	63	
Central Campus	3,407	66.6	-25.3%	*84		Capitol View	438	42	-6.7%	*97	
King	144	24.3	-24.8%	*98		Hoyt	799	61.4	-6.2%	*93	
Studebaker	294	42.6	-24.6%	*82		Samuelson	264	38	-5.8^	*84	
Van Meter	630	103.2	-22.6%	34		Brody	816	70.7	-5.6%	*79	
Dean Operations Center	614	38.9	-21.8%	*75		Brubaker	245	31.9	-5.3%	*94	
Harding	648	39.3	-21.6%	*93		Goodrell	400	29.2	-4.5%	*95	
Aviation Lab	107	N/A	-21%	N/A		Moulton	1,140	66	-4%	*86	
Central Academy	592	41.4	-20.4%	*76		Hillis	219	34.9	-3.4%	*90	
Oak Park	184	33.9	-20.3%	*90		Jackson	154	30.5	-2.5%	*97	
Smouse	791	118.2	-18.5%	49		Hubbell	411	53.5	-2.4%	*84	
Cattell	247	49.1	-17.9%	*96		Weeks	626	49.5	-2.3%	*85	
CNC	1,287	251.9	-17.2%	N/A		McCombs	551	42.7	-2.2%	*94	
McKinley	293	54.5	-16.3%	*83		Hoover/Meredith	2,796	62	-1.4%	*82	
Willard	387	46	-15.3%	*87		Pleasant Hill	144	25.4	-1.3%	*96	
Prospect	791	105.3	-14.6%	35		South Union	251	31.7	-.4%	*94	
Walker Street	364	43.1	-14.5%	48		Mitchell	139	37.1	.3%	69	
McCombs Green-house	238	N/A	-14.2%	N/A		River Woods	487	61.3	4.3%	*80	
Madison	162	38.9	-13.7%	*96		Hanawalt	175	35.1	5.8%	*91	
Walnut Street	775	74.7	-13.6%	32		Park Avenue	244	33.1	6.3%	*94	
Monroe	626	56.2	-13%	*85		Howe	160	34.8	6.6%	*81	
East	3,380	77.5	-12.9%	74		Callanan	624	42.4	6.8%	*91	
Cowles	238	44.7	-12.9%	61		Morris	221	25.3	7.1%	*97	
Lovejoy	199	42.8	-11.5%	*78		McKee	114	18	7.4%	*98	
Lincoln	2,820	77.3	-11.5%	*77		Hiatt	625	32.3	8.7%	*87	
Carver	218	24.9	-11.2%	*93		Findley	165	32.6	17.8%	*91	
Lincoln Rails	1,143	57.6	-10.9%	66		Woodlawn	155	22.7	24.4%	N/A	
Greenwood	184	29.5	-9.7%	*92		Jefferson	152	34.7	54.4%	71	
Phillips	332	51.5	-9.6%	*86		Welcome Center	113	N/A	62.5%	N/A	

*Only buildings with a score of 75 or higher are eligible to apply for ENERGY STAR certification.

*Welcome Center has a large increase due to the addition of the walk-in freezer.



Increase in energy use
Maintaining energy use
Decrease in energy use

Visit www.dmschools.org for more details of the district's energy mission and building performance. Do you want to share your ideas for saving energy or helping our environment? Or want to let us know about your projects? Tell us about it! E-mail Michelle.Chalkey@dmschools.org