

DMPS Earns ENERGY STAR Partner of the Year for the Fifth Consecutive Year



2016 Sustained Excellence and Climate Communications Award



U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy (DOE) have selected Des Moines Public Schools for the 2016 Energy Star Partner of the Year Award for Climate Communications and Partner of the Year for Sustained Excellence. This is the fifth consecutive year the school district has received a Partner award. You can read more about our accomplishments [here](#).

Join us on Twitter for SocialStar Week (4/4-4/8) with @ENERGYSTAR! We'll be sharing fun content, program achievements, and more—we'd love for you to join in the celebration!



Des Moines ranks in the top ten on the EPA's list of Mid Sized Cities with the most ENERGY STAR buildings. In 2015, 50 buildings in Des Moines were labeled as ENERGY STAR certified buildings—**46 of which are DMPS buildings**.

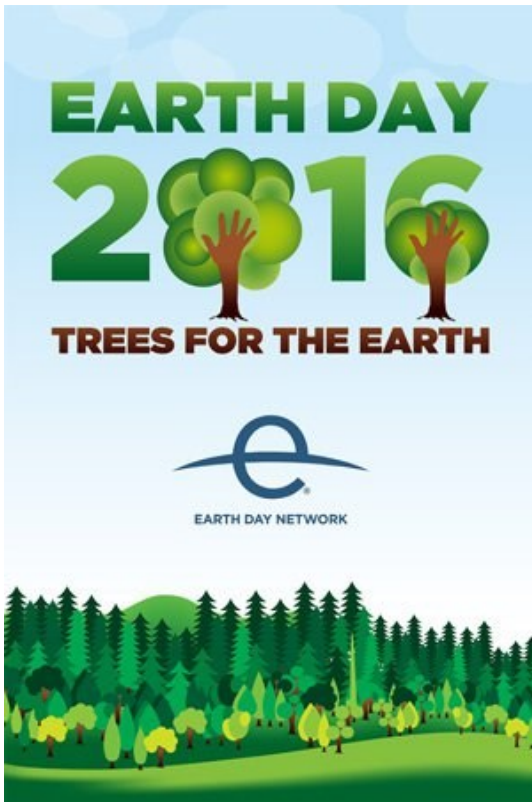
"Every year, more cities and buildings are turning to energy efficiency to protect the environment and strengthen their local economies. Money saved on energy bills can boost the bottom line and be reinvested. The cities on this list prove energy efficiency saves money, improves our communities today, and helps us build toward a healthy future full of opportunity." -- EPA Administrator Gina McCarthy

To learn more about ENERGY STAR Top Cities and to see which cities around the nation made the list visit ENERGYSTAR.gov/topcities.

IT'S OFFICIAL!
OUR TWITTER ACCOUNT IS UP AND RUNNING.
FOLLOW @DMPSENERGYTEAM ON TWITTER FOR NEWS, TIPS, AND THE LATEST UPDATES RELATED TO ENERGY EFFICIENCY

Bring ENERGY STAR to the Classroom!

In an effort to promote energy efficiency within the District, the DMPS Energy Team wants to help teachers discuss this valuable message in the classroom. Director of Facilities Jamie Wilkerson and Energy and Environmental Specialist Dave Berger would like to visit interested schools and classes. From light bulb efficiency to heating and cooling, discussions are intended to educate students on the efforts the District is making and how they, too, can make an impact. To schedule a visit, please contact Sarah Holland at extension 7860.



EARTH DAY—APRIL 22

This year's Earth Day is all about the trees. Earth Day Network has a goal of planting 7.8 billion trees by Earth Day's 50th anniversary in four years. To learn more about the movement or to view the Earth Day Action Toolkit visit <http://www.earthday.org/earth-day/>



Did you know?

- The first Earth Day was celebrated on April 22, 1970.
- Senator Gaylord Nelson founded Earth Day in the United States. In recognition of his hard work, he received the Presidential Medal of Freedom Award.
- Denis Hayes took Earth Day international in 1990. Today he says that it is the largest secular holiday in the world, one that is celebrated by more than one billion people worldwide.
- Earth Day was renamed officially by the UN in 2009 as International Mother Earth Day.
- On Earth Day 2012, more than 100,000 people rode bikes in China to reduce CO2 emissions and save fuel.

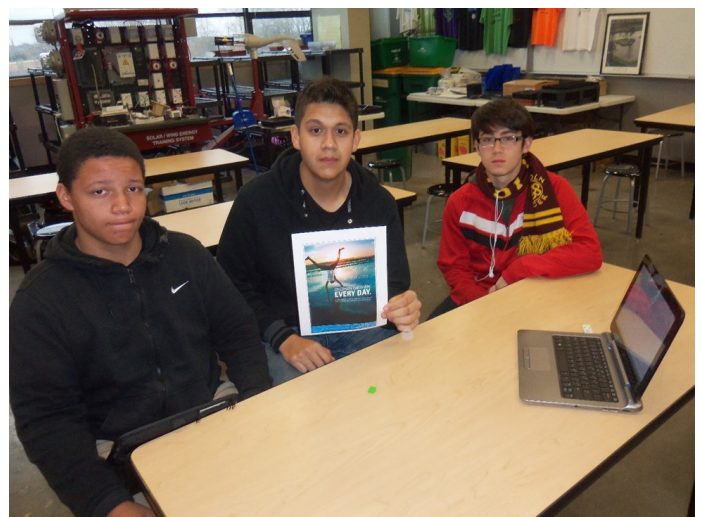
Earth Day by Kaleb Luong, Alex Ramos, and Virgil Bradley

On April 22 central academy will be hosting an earth day event outside the main office and in the cafeteria. The students from IESA will be participating in this event. The students will be bringing in their own posters and upcycling projects to present to the elementary schools and the students that attend Central Academy. The event will be from 8am – 2pm during the day for anybody who wants to stop by and see what will be presented on Earth Day. The IESA teacher Mr. Beall took the action into having this event for the past 5 years and this will be the 6th year for this tradition for the IESA class and Central Academy.



Not a lot of people know about upcycling so we will give a brief definition on what it is. Upcycling means to re-use (discarded objects or materials) in such a way as to create a product of a higher quality or value with the original products. An example would that you could use an old wooden ladder and use it as a bookshelf or use an empty food can and turn it into a pencil holder. The person that came up with the idea of having Earth Day was Gaylord Nelson, Senator of the United States. We will also be presenting posters at the event and the posters will consists of information on the upcycling projects that each person has done and what earth day is about. The poster will be a part of the description for the projects and it will help the guest understand what earth day is all about. It will also include demonstrations on what we have learned this year about environmental science. We will be handing out tattoos, tee-shirts, and pencils all related to Earth Day.

This will be a great opportunity because since this is an environmental science class Earth Day fits perfect with this class. During the school year of the class we go over various types of ideas we could use for the Earth Day event we traditionally have at Central Campus. This event is acknowledged by a lot of elementary schools and also by the students that attend Central Academy. Both 1st year and 2nd year students will be participating in this event. We hope you can make it too, because it will be a great experience and opportunity to learn more about Earth Day!



ENERGY REPORT CARD

SITE ENERGY USAGE REPORT

There was an 14% decrease in the total number of degree days during the comparison timeframe. Degree days provide a way to evaluate the amount of fuel required to heat or cool a building by comparing average daily temperatures to a standard temperature of 65°.

February 1, 2015 to January 31, 2016

Percentage change compared to same time period of previous year.

Site	Total Energy (mBtu)	kBtu/SqFt	% Change	ENERGY STAR Score	Site	Total Energy (mBtu)	kBtu/SqFt	% Change	ENERGY STAR Score
Smouse	4,192	77.9	-34.11%	50	Goodrell	2,967	26.9	-7.96%	97
Van Meter	4,328	75.5	-26.82%	71	Capitol View	2,938	38.8	-7.73%	97
Studebaker	1,476	32.5	-23.72%	94	Phillips	1,995	47.6	-7.60%	88
Brody	5,380	54.9	-22.42%	91	Lincoln	22,364	71.5	-7.42%	83
Hillis	1,563	27.1	-22.39%	98	McKinley	2,536	50.7	-6.86%	88
Samuelson	1,751	29.8	-21.47%	95	River Woods	3,482	55	-6.68%	89
Moulton	6,390	52.5	-20.40%	94	Pleasant Hill	980	23.7	-6.34%	98
Cattell	1,877	39.3	-20.00%	99	Park Avenue	1,935	29.8	-6.22%	97
McCombs	3,023	34.2	-19.87%	97	Hiatt	3,386	30.8	-4.71%	91
North	10,985	44	-19.41%	91	Brubaker	2,387	30.5	-4.30%	96
Walker St	1,848	42.3	-19.09%	57	Cowles	1,836	42.9	-4.11%	70
Roosevelt	15,582	64.8	-17.88%	77	South Union	2,089	30.5	-3.82%	96
Central Campus	25,136	55	-17.39%	89	Perkins	1,580	26	-3.38%	98
Weeks	4,615	41.1	-17.06%	95	Madison	1,580	37.6	-3.34%	97
Central Academy	4,226	48.9	-15.38%	59	Findley	1,382	31.7	-2.69%	94
Harding	4,183	33.4	-15.16%	96	Lincoln RAILS	5,964	56	-2.66%	56
CNC	12,025	214	-15.03%	N/A	Wright	1,157	38.2	0.02%	83
East	22,841	66.3	-14.42%	85	Oak Park	2,018	33.9	0.20%	93
Monroe	3,584	48.4	-13.76%	90	Hanawalt	1,523	35.2	0.30%	92
Hubbell	2,475	46.4	-13.29%	92	Edmunds	1,556	20.4	0.65%	99
Stowe	1,868	32.8	-13.17%	93	Mitchell	1,184	37.4	0.82%	68
Lovejoy	1,462	37.3	-12.80%	88	Howe	1,357	35.2	1.24%	83
Operations	3,317	34.1	-12.36%	75	Woodlawn	1,074	23.1	1.54%	N/A
Garton	2,817	42.9	-12.25%	73	Morris	1,829	25.9	2.12%	97
Jefferson	1,403	30.6	-11.80%	85	Callanan	5,038	43.4	2.46%	90
Hoyt	5,455	54.2	-11.73%	95	King	1,467	27.1	11.56%	96
Merrill	4,335	46	-11.60%	98	Jackson	1,672	36.7	20.10%	92
Prospect	4,944	94	-10.67%	44	McKee	965	22.2	23.45%	78
Willard	2,438	41.1	-10.55%	92	Welcome Center*	912	96.2	33.14%	N/A
Greenwood	1,635	26.5	-10.24%	96	2323 Grand***	3,372	63.4	N/A	97
Carver	2,063	22.5	-9.61%	96	Taylor***	1,508	33.3	N/A	85
Windsor	1,506	24.9	-9.03%	97	Mann****	N/A	N/A	N/A	N/A
Hoover/Meredith**	16,891	56.5	-8.95%	90	Moore****	N/A	N/A	N/A	N/A
Walnut St	7,962	68.4	-8.39%	31					

Only buildings with a score of 75 or higher are eligible for ENERGY STAR Certification

Green = Decrease in energy use

Yellow = Maintained usage within 10%

Red = Increase in energy use

* Welcome Center has a large increase due to the addition of the walk-in freezer.
 ** Hoover/Meredith buildings are combined due to combined meters.
 *** No comparison data for 2323 Grand or Taylor
 **** No data available for Mann or Moore due to renovations.

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 Sarah.Holland@dmschools.org

ENERGY REPORT CARD

SITE ENERGY USAGE REPORT

There was an 15% decrease in the total number of degree days during the comparison timeframe. Degree days provide a way to evaluate the amount of fuel required to heat or cool a building by comparing average daily temperatures to a standard temperature of 65°.

March 1, 2015 to February 29, 2016

Percentage change compared to same time period of previous year.

Site	Total Energy (mBtu)	kBtu/SqFt	% Change	ENERGY STAR Score	Site	Total Energy (mBtu)	kBtu/SqFt	% Change	ENERGY STAR Score
Smouse	3,749	69.7	-39.34%	53	North	11,024	44.2	-9.98%	91
Samuelson	1,629	27.8	-26.42%	97	Carver	2,040	22.3	-9.53%	96
Van Meter	4,278	74.6	-25.35%	71	Greenwood	1,629	26.4	-8.94%	96
Brody	5,256	53.6	-23.68%	92	Park Ave	1,897	29.2	-8.65%	97
Studebaker	1,406	31	-23.54%	95	Riverwoods	3,459	54.5	-7.70%	91
Moulton	6,160	50.6	-22.79%	94	Lincoln	22,055	70.5	-7.38%	84
Walker St	1,726	40	-22.43%	61	Goodrell	2,952	26.7	-7.18%	97
Hillis	1,561	27	-22.21%	98	McKinley	2,484	49.7	-6.70%	89
McCombs	2,940	33.3	-19.01%	97	Windsor	1,527	25.3	-6.41%	96
Cattell	1,864	39	-18.68%	99	Findley	1,366	31.4	-5.53%	94
Hubbell	2,368	44.4	-16.74%	93	South Union	2,056	30	-5.28%	96
Central Campus	24,782	54.3	-15.34%	89	Walnut St	8,132	69.9	-5.10%	27
Lincoln RAILS	5,221	49	-15.16%	64	Brubaker	2,384	30.5	-3.91%	96
Roosevelt	15,322	63.8	-14.87%	78	Woodlawn	1,134	24.4	-3.88%	N/A
East	22,438	65.2	-14.38%	87	Perkins	1,580	25.7	-2.36%	98
Garton	2,726	41.5	-14.12%	75	Madison	1,572	37.4	-2.29%	97
CNC	11,927	212.3	-14.10%	N/A	Wright	1,140	37.6	-1.84%	85
Weeks	4,494	40	-13.55%	95	Mitchell	1,171	37	-1.25%	69
Harding	4,110	32.8	-13.51%	96	Oak Park	2,000	33.6	-0.97%	94
Lovejoy	1,433	36.6	-12.97%	89	Cowles	1,876	43.8	-0.82%	69
Capitol View	2,769	36.6	-12.92%	98	Hanawalt	1,525	35.3	-0.19%	92
Monroe	3,496	47.3	-12.62%	91	Howe	1,350	35.1	0.50%	84
Merrill	4,244	45.1	-12.44%	98	Stowe	1,958	34.4	1.50%	91
Prospect	4,817	91.6	-11.90%	44	Callanan	5,139	44.3	3.69%	90
Hoyt	5,381	53.4	-11.79%	96	Morris	1,900	26.9	5.22%	97
Hiatt	3,181	28.9	-11.73%	93	Edmunds	1,571	20.6	5.78%	99
Jefferson	1,395	30.4	-11.66%	86	Welcome Center*	885	91.1	21.51%	N/A
Hoover/Meredith**	16,395	54.8	-11.48%	91	King	1,569	29	23.72%	95
Central Academy	4,313	49.9	-10.93%	57	Jackson	1,741	38.2	25.43%	91
Operations	3,219	33	-10.91%	76	McKee	1,017	23.4	29.13%	68
Willard	2,378	40.1	-10.57%	93	2323 Grand	3,208	60.3	N/A	97
Phillips	1,911	45.6	-10.02%	89	Taylor	1,490	32.9	N/A	86
Pleasant Hill	947	22.9	-10.00%	99	Mann****	N/A	N/A	N/A	N/A
					Moore****	N/A	N/A	N/A	N/A

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