2018-19 GREEN SCHOOLS QUEST SUBMISSIONS

59 schools participated in the 2018-19 Green Schools Quest. At each school, Green Teams worked hard to devise and implement - with the help of a USGBC-MGC Green Mentor – creative, effective and no or low cost sustainable practices for their school. Please join us in celebrating ALL participants of the 2018-19 challenge!

ELEMENTARY PARTICIPANTS

SUSTAINABILITY SQUAD CREATE A NATIVE GARDEN, BELLERIVE ELEMENTARY (PARKWAY)

School Team Sponsor: Dr. Jami Debosch (Primary)
Mentor: Tricia Bisoux, BizEd Magazine/AACSB International

Due to a desire to create an outdoor learning space that would benefit all students, staff, and families at the school, Bellerive established a group called the Sustainability Squad that are passionate about improving the environment. The students learned about sustainability, native gardens and pollinators, and they met with local experts to help develop an understanding and a plan to create a native plant garden. Students also educated the Bellerive community about the importance of pollinators and the benefits of native plants.

BROWN ELEMENTARY GREEN TEAM, BROWN ELEMENTARY (HAZELWOOD)

School Team Sponsor: Lauren Walls (Primary)
Mentor: Bailey Lutz, Saint Louis County Department of Public Health

The Brown Elementary Green Team was formed to address the need for recycling, and consists of 40 students from four different groups in the school: Fifth Grade Leadership team, Student Council, Special School District, and the Deaf/Hard of Hearing program. As part of their multifaceted approach, students that participated in the communication aspect of their project used a variety of language structures identified on Individualized Education Plans to convey their ideas using spoken English and American Sign Language.

POPULATING FOR POLLINATORS, CHRIST PRINCE OF PEACE SCHOOL

School Team Sponsor: Lynn Page (Primary) | Mentor: Jane E Bruss

As students were harvesting seeds from one of the gardens, one asked about “reusing” the seeds, which turned out to be the impetus for this year’s GSQ project! Students wanted to save seeds to grow another garden along an ADA ramp leading to the athletic fields and school playground. The existing ramp is an unlandscaped erosion problem seen by families who pass the area on their way to the athletic fields. The students’ goal is to have a registered pollinator garden to educate other people.

CLAYMONT ELEMENTARY TOWER GARDEN, CLAYMONT ELEMENTARY SCHOOL (PARKWAY)

School Team Sponsor: Laurie Leary (Primary)
Mentor: Erik Lueders, Parkway School District

Claymont’s focus was to establish a school garden. Through research, it was determined an indoor Tower Garden would be most successful. Students created a video to share their goals and seek help with seed selection. The entire school voted on the plant choices and “winners” were announced! The Tower Garden is mobile. Teachers are able to bring it to their classroom for student observation and hands-on-learning. Green Team members have shown growth and perseverance in their research, planning and communication. We look forward to our first harvest of lettuce, tomatoes, snap peas and peppers!

JUDGES’ CHOICE

The Green Schools Quest is a challenge issued by the U.S. Green Building Council-Missouri Gateway Chapter to public and private schools within the chapter’s territory (Missouri and southern Illinois) to devise and implement, with the help of green mentors, the most creative, effective and no or low cost sustainable practices for their schools. For more information, visit www.usgbc-mogateway.org/green-school-quest/ or contact Hope Gribble, Education & Green Schools Manager, (314) 577-0225.
COLUMBIA BREATHES BETTER, COLUMBIA ELEMENTARY (SLPS)

School Team Sponsors: Britt Tate (Primary) | Mentor: Jenn DeRose, earthday365

Even though the government shutdown prevented Columbia from moving forward with energy benchmarking plans, students still learned about the connections between energy use, human health, and climate change. First graders replaced benchmarking with supplemental projects, including creating handmade signs to turn off lights in classrooms and at home, surveying the school to see how people commuted (bus, single-occupant vehicles, transit, bike), and surveying fellow students at to learn how many have asthma.

ETS MADISON GSQ GARDEN & BUTTERFLY PROJECT,
EDUCATIONAL THERAPEUTIC SUPPORT AT MADISON (SLPS)

School Team Sponsor: Shawn Trent (Primary)
Mentor: Nancy Nafe, Nafe & Associates Landscape Architects

This year students implemented a Butterfly Project, addressing Mikweeds for Monarchs School Garden, Plant Needs and Plant Growth Cycle, spring transplanting, construction of garden beds and a rain barrel. They also created a poster invitation for the community.

ECOBUDS’ ENERGY EVOLUTION
HIGHCROFT RIDGE ELEMENTARY SCHOOL (PARKWAY)

School Team Sponsors: Elizabeth Cornell (Primary) & Janet Gleason
Mentor: Emily Bishop, Cushman & Wakefield / Mastercard

Carbon Footprint (negative environmental impact) vs. Carbon Handprint (positive impact). Thanks to their green mentor, Emily Bishop, the Highcroft Ridge environmental club, Ecobuds, engaged in activities to make their carbon footprint smaller and their carbon handprint larger. Students used their knowledge and creativity to initiate a school wide marker recycling program and an energy consumption awareness program. Through signs, videos, and living examples the Ecobuds showed the school and community how everyone can help to reduce waste and energy.

WE ARE CHANGE MAKERS FOR SUSTAINABILITY,
JACKSON PARK ELEMENTARY SCHOOL (UNIVERSITY CITY)

School Team Sponsor: Lyndlee Mabry (Primary) | Mentor: Angela A. Moore, Missouri History Museum

Students created SMART goals for themselves, which included: 1) Creating a 6 minute video on zero waste for a lesson that they planned to teach to every classroom. 2) Sponsoring a Sustainability Expo to raise awareness and money for a recycling station in the cafeteria. As a result of their goal setting, students taught a lesson to every class and facilitated a successful Expo, contacting sponsors, exhibitors, setting up stations, making items to sell, etc. Students are in the process of designing signs for the recycling station.

RISE OF THE COMPOST CAPTAINS, KIRKWOOD EARLY CHILDHOOD CENTER

School Team Sponsors: Christa Payton (Primary) & Mandy Rose
Mentor: John Heaney, The Advertisers Printing Co

Five year old, full-day pre-school students rose to the challenge, and orchestrated picking up compost, disposing it, and cleaning the bins as Compost Captains. Their efforts helped the school divert more than 9,000 pounds of food from landfill. Moreover, the preschool students gained foundational knowledge and language about climate change, composting, and greenhouse gas emissions. Finally, this project facilitated more changes among teachers and staff causing the school to eliminate single use Styrofoam.

MANN WITH A PLAN TO COMPOST, MANN ELEMENTARY (SLPS)

School Team Sponsor: Lori Gardner (Primary) | Mentor: Ashley Matula

The students’ goal for this year was to create a starter compost area for the future school community garden. Students developed an improved knowledge of composting and got started on creating the beginning of a composting program to accompany the future school community garden. Students continue their quest to reduce, reuse, and recycle; creating synergy for the school and community to work together.
REDUCING FOOD WASTE, PROMOTING STUDENT STEWARDSHIP,
MAPLEWOOD RICHMOND HEIGHTS ELEMENTARY SCHOOL
School Team Sponsor: Jessica Mathis (Primary)
Mentor: Joyce Mathis, MJM Design Company & Delia Davis, Plant Vibes
Students focused their efforts on reducing food waste and promoting student stewardship. They started a lunchroom composting and recycling program, cafeteria Share Table, Breakfast Recovery Program, and student run Compost Committee.

SUSTAINABILITY IN ACTION AT MASON ELEMENTARY
MASON SCHOOL OF ACADEMIC & CULTURAL LITERACY (SLPS)
School Team Sponsor: Mrs. Shawna O'Brien (Primary)
Mentor: Fredericka Brandt, Mason Elementary School SLPS
This year’s project focused on reducing food-waste produced in our cafeteria during breakfast and four lunch periods. Students worked to reduce food waste in the cafeteria with signage and in class presentations; recycling what we can by utilizing our recycling bins and educating the school population; and "painting" the school green by hosting a sustainability spirit week and waste-free lunch challenge on Earth Day 2019.

REDUCING CONTAMINATION IN LUNCHROOM WASTE STREAMS,
NEW CITY SCHOOL
School Team Sponsor: Lucie Garnett (Primary)
Mentor: Maggie McCoy, EarthWays Center of the Missouri Botanical Garden
This year’s project focused on contamination in the lunchroom waste streams, which is particularly pertinent as recycling in the US is having a crisis right now because other countries are (understandably!) rejecting our recycling due to excessive contamination. The goal was to train students, teachers, and families so they can apply their knowledge not just at school, but at home as well.

BUTTERFLIES WELCOME HERE!
PROBE GIFTED EDUCATION (FERGUSON-FLORISSANT)
School Team Sponsors: Michael Vordtriede (Primary) & Karen Doering
Mentor: Carolyn Green, Green Design
The Ferguson/Florissant School District PROBE 4th Grade gifted class attends the Duchesne Elementary School on Wednesdays, and they chose to take on the project of studying and making a Monarch butterfly friendly habitat, as well as promotional materials to explain the importance of the project. The group began with research, and then step by step developed and built a butterfly habitat garden and shelter structure. Participants included 6 fourth grade students from the district’s gifted program, instructor Karen Doering, and mentor Carolyn Green. The project is unique in that the PROBE students are only in the Duchesne building one day a week and then the students attend other schools the remainder of the school week.

ENERGY EFFICIENCY IN OUR SCHOOL,
RITENOUR CENTER FOR GIFTED EDUCATION
School Team Sponsors: Michele Gastreich (Primary) & Mary Waskow
Mentor: Rob Kennedy, EarthWays Center of the Missouri Botanical Garden
Students conducted energy audits, conducted experiments, and will be sending a proposal to the administration. The final goal of the project is to elicit changes to the school building that will make it more energy efficient.

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GROWING GREENER,  
ROSSMAN SCHOOL  
**School Team Sponsor:** Julie LaConte (Primary)  
**Mentor:** Nicole Azmanov  
The 4th graders planted a variety of plants in the school’s greenhouse, which was previously used as storage. The lettuce, peppers, and broccoli will be eaten by the students in the cafeteria’s salad bar, when ready for harvest.

MINIMIZING SCHOOL WASTE,  
SAUL MIROWITZ JEWISH COMMUNITY SCHOOL  
**School Team Sponsors:** Laura Pupillo (Primary) & Lizzie Berkowitz  
**Mentor:** Ian J. Ashcraft, St. Louis County Department of Public Health  
"What is waste and where does it go" kicked off the project. After students understood the problem, they looked to minimize waste in as many ways as possible, resulting in a transformation of the school. Each grade level led specific tasks including Kindergartners leading waste sorting efforts at lunch, and Fourth graders lobbying representatives in Jefferson City regarding a bill establishing the Missouri Food Waste Law. They also hosted a waste-themed STEAM Day, Walk to School Waste Expo, and conducted multiple waste audits.

SFA ENERGY AUDIT,  
ST. FRANCIS OF ASSISI SCHOOL  
**School Team Sponsor:** Mike Herries (Primary)  
**Mentor:** Ross Watson, Jacobs Engineering  
The goal was for students to gather info to start benchmarking the school’s energy usage through ENERGY STAR Portfolio Manager. The students would also learn about building construction, type of energy used at SFA and how much energy did the school use.

SMOS 5TH GRADERS MANAGE STORMWATER,  
ST. MARGARET OF SCOTLAND  
**School Team Sponsor:** Jenny Spengemann (Primary)  
**Mentor:** Elizabeth Simons, Great Rivers Greenway  
5th graders researched problems caused by stormwater runoff and created their own solutions to slow down, spread out, and soak up stormwater into the ground using various material types. They shared their solutions with their entire school community at the St. Margaret of Scotland School Smart Fair and through in-classroom conversations.

USING NATURE’S WIND TO PROVIDE ENERGY  
SUNRISE R-IX ELEMENTARY SCHOOL  
**School Team Sponsor:** Danielle Peppers (Primary)  
**Mentor:** Joe Panhorst, Wyman Center / YMCA TeamWorks  
Our project is focused on using nature’s wind to provide energy. The students learned about different forms of energy and how a wind turbine works. They participated in a project learning how to assemble their own electrical box. Later, they tested it from the power the wind turbine generated.

REDUCING CAFETERIA WASTE, TRINITY LUTHERAN  
**School Team Sponsor:** Diane Lasseigne (Primary)  
**Mentor:** Kim Petzing Lehmann, Madison County Planning & Development.  
Our goal was to make our student body aware of food waste in the cafeteria. The 5th and 6th graders interviewed PreK-8th as they threw away their lunchroom waste. Kim Petzing Lehman analyzed the data and shared it with us so we could determine a plan to further raise awareness and reduce food waste.

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ELEMENTARY PARTICIPANTS 2018-19 Green Schools Quest

WE R GREEN!
WESTCHESTER ELEMENTARY (KIRKWOOD)
School Team Sponsors: Cindy Voller (Primary) & Stefanie Limpert
Mentor: Jaclyn Jezik, One Twenty Two Photography
We looked for ways to improve different green spaces around Westchester, and also how to improve the living conditions for our chickens, which we got through a past GSQ project. We are converting two large green spaces into native gardens, and we converted the energy source for our chickens' water heater to solar energy.

POLLINATOR PANTRY PROJECT, W.W. KEYSOR ELEMENTARY (KIRKWOOD)
School Team Sponsor: Robin Wellman (Primary)
Mentor: Jennifer Schamber, Greenscape Gardens
The seed for this year’s project was planted when staff members attended a local workshop about gardening for pollinators. We became inspired to involve our whole school by setting our sights on becoming Pollinator Pantry certified through the St. Louis County Parks. To achieve this goal, we learned about the importance of pollinators and made plans to meet the needs of pollinators in our outdoor spaces. This project brought our entire school community together with a shared mission.

MIDDLE SCHOOL PARTICIPANTS 2018-19 Green Schools Quest

ONE SIZE FITS NONE: ENERGY EFFICIENCY
CROSROADS ELEMENTARY SCHOOL (WENTZVILLE)
School Team Sponsor: Kim Kessler (Primary)
Mentor: Mike Merritt, Saint Louis Lighting Group
Crossroads did an energy audit, set up an experiment to test savings of fluorescent versus LED, surveyed teachers and students, analyzed the data, make PSA's and posters to educate the students and teachers, created a competition to decrease energy use, and presented their findings to the Wentzville School District Superintendents.

WE CARE ABOUT OUR AIR, FORSYTH SCHOOL
School Team Sponsors: Susan Zareh (Primary) & Christine Torlina
Mentor: Matthew Beard, Brewer Science Inc.
This year, Forsyth looked at the quality of our air and how wind energy can be used to lessen the environmental impact of our energy needs. Students chose wind energy and air quality because we share the atmosphere with the world. While we can't really 'see' the air, we all depend on it, and it's our responsibility to do what we can to take care of it. Every time we use green energy, plant trees and native plants, carpool with friends, use public transportation, walk or ride a bike to school... we make the air we share a little cleaner.

GCAA GREEN MACHINE BEGINS RECYCLING, GRAND CENTER ARTS ACADEMY
School Team Sponsor: Cassandra Lentz (Primary)
Mentor: Elizabeth Sabetta, St. Louis Earth Day
This year GCAA middle school started a new elective, the Green Machine class. Though based on hydroponic gardening towers, the teacher, Ms. Lentz, asked students to think about expanding the program into a "sustainability class." They started the year with no recycling program and mis-used bins. By the end of the quest, they now have a fully functioning recycling program run only by these 18 middle school students. The school is a combined Middle and High School that focuses on Visual Art, Dance, Music, and Theatre.
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<tr>
<th>Category</th>
<th>School</th>
<th>Team Sponsors</th>
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<tbody>
<tr>
<td>ROOKIE-Tie</td>
<td>HAZELWOOD MIDDLE GSQ PLASTIC AWARENESS, HAZELWOOD WEST MIDDLE SCHOOL</td>
<td><strong>School Team Sponsors:</strong> Kelly Taylor (Primary)</td>
<td><strong>Mentor:</strong> Rene Freels, Ferguson Ecoteam</td>
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<td>Students focused their efforts on building awareness of the rise in plastic use and then explored alternatives and solutions for plastic waste.</td>
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<td>ROOKIE-Tie</td>
<td>CONVERSION OF SCHOOL TO LED LIGHTING, LITTLE FLOWER CATHOLIC SCHOOL</td>
<td><strong>School Team Sponsors:</strong> Lisa Eppert</td>
<td><strong>Mentor:</strong> Franklin P. Eppert, ABNA Engineering</td>
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<td>Little Flower has participated every year of the Green Schools Quest, and over the past four years has made substantial steps towards and culminating in converting the school to energy efficient LED lighting. This year, they focused their efforts on identifying the power needs for a classroom and determining how many solar panels it would take to generate the necessary power.</td>
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<td>SUSTAINABILITY CHAMPION</td>
<td>SIGNS OF GREEN, MAPLEWOOD RICHMOND HEIGHTS MIDDLE SCHOOL</td>
<td><strong>School Team Sponsors:</strong> Bill Henske (Primary) &amp; Maria Canning</td>
<td><strong>Mentor:</strong> Jim Jordan</td>
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<td>Students from 2 semesters identified and researched school sustainability features. Students worked collaboratively to create signage that could help teachers, students, visitors, and community members navigate the various green initiatives of the Maplewood Richmond Heights middle school.</td>
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<td>2ND PLACE-Tie</td>
<td>ART, AWARENESS AND ADVOCACY FOR POLLINATORS, NIPHER MIDDLE SCHOOL (KIRKWOOD)</td>
<td><strong>School Team Sponsors:</strong> Ellen Holley (Primary)</td>
<td><strong>Mentor:</strong> Lesli Moylan</td>
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<td>Nipher Middle School's Art and Sustainability class worked to build awareness about invasive plant species and their impact on pollinator habitats. Baseline data collected from 165 students and teachers informed the team’s multifaceted approach which focused on the invasive bush honeysuckle. One component of the project included students harvesting honeysuckle from their campus and making furniture out of it which was displayed alongside additional student artwork communicating the importance of pollinators.</td>
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<td>2ND PLACE-Tie</td>
<td>STRAW WARS AND MORE: A NEW HOPE, NORTH KIRKWOOD MIDDLE SCHOOL</td>
<td><strong>School Team Sponsors:</strong> Chris Hooker (Primary)</td>
<td><strong>Mentor:</strong> Mary Fitzgerald</td>
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<td>The goal of the NKMS Ecology classes was to protect our environment and make our community more sustainable by impacting how students, parents and the community viewed single use plastics. Students focused on decreasing the use of single-use plastic - including straws and plastic grocery bags - and encouraged the city of Kirkwood to place recycling bins in the downtown area. They also created a safe area for the school's chickens with a fence made from recycled bottles.</td>
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<td>2ND PLACE-Tie</td>
<td>ENERGY EFFICIENCY PROJECT FOR OAKVILLE MIDDLE, OAKVILLE MIDDLE SCHOOL (MEHLVILLE)</td>
<td><strong>School Team Sponsor:</strong> Rebecca Brophy (Primary)</td>
<td><strong>Mentor:</strong> Chris Ruth, Integrated Facility Services</td>
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<td>The students at OMS worked towards making our school more energy efficient. They learned about energy, heating and cooling, and green energy solutions. They then worked at getting the entire building to save energy through changes in behavior and facilities.</td>
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PREMIER CHARTER SCHOOL’S BUTTERFLY GARDEN,
PREMIER CHARTER SCHOOL
School Team Sponsors: Nakesia Daugherty (Primary) | Mentor: Michael Rodney, Oculus
Premier Charter School’s 6th Grade Quest team decided to start a butterfly garden to increase biodiversity and aid the inquiry units of many teachers, which serves a population of over 900 Pre-K through 8th grade students. The 10 Quest 6th graders were able to successfully research and prepare a proposal for the butterfly garden to administrators; presenting a garden design and layout, plan for maintenance and sustainability, and budget for plants and materials. The planned date of implementation and garden planting is April 22 - Earth Day!

ROGERS THINKS GREEN, ROGERS MIDDLE (AFFTON)
School Team Sponsor: Krista Bernreuter (Primary)
Mentor: Joyce Gorrell, EarthWays Center of the Missouri Botanical Garden
This year Rogers Middle School worked towards developing a more sustainable and eco-friendly cafeteria, improving our recycling practices throughout the school, and researching purchasing solar panels for our outdoor classroom. First, students learned about sustainable alternatives in our cafeteria from the Green Dining Alliance. Students were successful in replacing Styrofoam plates with wax paper for the daily pizza option, and providing plastic straws only upon request. Second, students removed nonessential trash cans and educated staff about the importance of placing trash cans and recycling bins together. New signage was added near trash/recycling bins and also displayed around the school. Students continue to collect “stretchy” plastic for TREX to keep plastic bags out of landfills and recycling centers. Lastly, learned about solar energy from EFS Energy. Once weather permits, we will complete our outdoor classroom, working towards purchasing solar panels needed to power outlets and a ceiling fan.

CLASSROOM COMFORT AND ENERGY USE, COLLEGIATE SCHOOL OF MEDICINE AND BIOSCIENCE (SLPS)
School Team Sponsors: Anthony Cantu (Primary) & Kevin Knickman | Mentors: Lana Feix, Gardner Capital
Students have been logging data about the heating in classrooms - some of which have reached 80 to 90 degrees in winter due to over-heating – in order to provide that data to the administration who has control over thermostats. Students are also working on a school-wide presentation on curtailing energy usage and taking other steps to contribute to the overall environment of our school.

ECOLOGY FAIR, HERCULANEUM HIGH SCHOOL
School Team Sponsors: Erin Graves (Primary) | Mentor: Kelsey Wingo, Webster University
Herculaneum High School held an Ecology Fair for students, parents and the community. Students from the Ecology Club, Biology classes, Art classes, STMS Gifted program, and Freshman Language Arts classes created pieces of work representing 6 areas related to the environment (trees/plants; water; energy, recycling/re-purposing; global issues; and positive changes). The school partnered with Jefferson County Recycling, with a goal to develop a culture in the school that is aware of, and concerned about the environment and its associated problems. Along with the environmental education provided in the classroom, they want students to have the basic knowledge, attitudes, and commitment to work towards solutions of current problems and the prevention of new ones.

HEY, HEY DON’T THROW THAT AWAY COMPOSTING PROJECT,
JENNINGS SENIOR HIGH SCHOOL
School Team Sponsor: Dr. Theresa Badgett | Mentor: Charles Thompson, Microgrid Energy
Students in the Jobs for America’s Graduates class researched, secured grant funding for, and implemented a new composting pilot program. Green team students are posted at each of the composting bins, educating on proper sorting, and the Athletics Director delivers gentle reminders via microphone over three lunch periods serving 650 students.

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EMPATHY FOR THE ENVIRONMENT, KIRKWOOD HIGH SCHOOL

School Team Sponsor: Mandy Melton (Primary)
Mentor: Greg Williams, Siemens

Students focused increasing the presence and value of the natural environment at their school. Within the school walls, they conducted experiments measuring the carbon dioxide levels in the hallways and classrooms resulting in a goal to put at least one plant in every classroom. Outside their school walls, they worked to increase their schoolyard’s biodiversity and are in the process of engineering an outdoor Wi-Fi router, powered by re-purposed solar lights to convince classes to move lessons outside more often.

ENERGY USE OR ENERGY WASTE?, MCKINLEY CLA HIGH SCHOOL (SLPS)

School Team Sponsor: Allen Niedermann (Primary)
Mentor: Jen Myerscough, earthday365

Students were concerned with wasted energy caused by the installation of televisions in the hallways. This triggered a conversation about other ways energy might be wasted in the school. Students examined different places, particularly in hallways, cafeteria, and classrooms where energy is used. Initially, they wanted to turn off hallway lights while students were in class, but discovered that that was not allowed. Subsequently, they conducted a survey of items plugged in within the classrooms, and determined that many items were unnecessary. Additionally, they determined that there are, on average 101 sunny days where classrooms could opt to turn off the lights so that overhead lighting would not be necessary if blinds were raised.

GETTING WASTE WISE, PRINCIPIA UPPER SCHOOL

School Team Sponsor: Lynne Scott (Primary)
Mentor: Mat Emden, Principia College

This year, students raised awareness about food waste in the school by sharing facts, pictures, and videos at morning meeting and increased the presence in the dining room to help stop waste before food is taken. Additionally, they gathered data at recycling and trash bins in the school to determine contamination levels of both. Finally, artwork is being created to help raise awareness about expo marker consumption as well as recycling we do in the school.

WE CARE TO BE ENERGY AWARE! SAINT LOUIS UNIVERSITY HIGH

School Team Sponsor: Anne Marie Lodholz
Mentor: Courtnie Kidd, Ameren

The SLUH energy team went to the Association for the Advancement of Sustainability in Higher Education conference, where they were inspired to be more aware of building energy usage. We applied for a sub-meter and received one, and we updated our ENERGY STAR Portfolio Manager account with all the necessary energy data. In order to communicate our energy data, we have edited our website and are in the process of creating lesson plans and making proper updates to our solar panel website. We hope that the ability to measure our energy usage and share data will ultimately lead to energy use reduction.

RETHINKING WASTE AT SJA, ST. JOSEPH’S ACADEMY

School Team Sponsors: Katie Lodes (Primary) & Katie Schaefer
Mentor: Nicole Esser Dryden, Mackey Mitchell Architects

Throughout the 2018-2019 school year, St. Joseph’s Academy’s environmental club, Earth Angels, devoted time and hard work to the Green Schools Quest. The goal this year was to reduce our community’s waste in line with the values of the Sisters of St. Joseph and educate the community about the methods of reducing our waste. Earth Angels hosted several events and presented to our entire community as well as another presentation to our Administrative team to enlist our community in helping to make SJA more sustainable.