



Sustainable Jersey for Schools Certification Report

This is the Sustainable Jersey for Schools Certification Report of Three Bridges Elementary School (Hunterdon), a Sustainable Jersey for Schools silver certified applicant.

Three Bridges Elementary School (Hunterdon) was certified on August 08, 2018 with 605 points. Listed below is information regarding Three Bridges Elementary School (Hunterdon)'s Sustainable Jersey for Schools efforts and materials associated with the applicant's certified actions.

Contact Information

The designated Sustainable Jersey for Schools contact for Three Bridges Elementary School (Hunterdon) is:

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Actions Implemented

Each approved action and supporting documentation for which Three Bridges Elementary School (Hunterdon) was approved for in 2018 appears below. Note: Standards for the actions below may have changed and the documentation listed may no longer satisfy requirements for that action. Additionally, points associated with actions prior to 2013 certifications may not be accurate.

Board Leadership & Planning

Professional Development for Sustainability

5 Points

🏅 Bronze Priority 🏅 Silver Priority School District

Program Summary: In Readington Schools our focus for the past two years on Professional

Development for Sustainability has been how to bring the district's solar array project into the classrooms. Sessions were presented on various solar energy projects that could easily be incorporated into the classrooms, demonstrations of solar energy kits located in each school, and overviews of the solar project from the facilities perspective and from the solar owner, Ameresco, were given.

PDF: [FALL 2017 TEACHER ACADEMY COURSE DESCRIPTION](#)

PDF: [TEACHER ACADEMY ATTENDANCE SHEETS](#)

IMAGE: [SPRING 2018 TEACHER ACADEMY COURSE DESCRIPTION](#)

IMAGE: [SUMMER 2016 TEACHER ACADEMY COURSE DESCRIPTION](#)

District Sustainability Policy

10 Points

District

Program Summary: The Readington School District Green Committee drafted a comprehensive Sustainability Policy that was adopted by the Readington Board of Education on July 25, 2017 and revised February 6, 2018. The policy includes guidelines for professional development for sustainability, green purchasing, classroom chemical storage and disposal, green cleaning, disposal of electronic waste, long range facilities planning for facilities, waste reduction, and promoting physical activity. The policy was communicated to the school community at the Board of Education meetings and posted on the district's website. Since this policy is new to the district, the Green Committee is working to establish ways to measure progress on the areas indicated in the policy. This is a great step forward in formalizing sustainability goals in the district.

PDF: [DISTRICT SUSTAINABILITY POLICY](#)

IMAGE: [READINGTON SCHOOLS WEBSITE SCREENSHOT](#)

Green Enhancement of District Strategic Plans

10 Points

District

Program Summary: District parents, students, staff, and community members came together to participate in our district's Strategic Planning Retreat in June 2016. Through rich dialogue and smart thinking on a variety of topics, several common themes developed. The district identified four vital areas for focused growth. This plan will be used to guide actions over the course of several school years. Following approval by the Board of Education on October 18, 2016, this plan will inform the professional goals of our district faculty who will develop action plans in their respective areas. Our strategic planning process looked at: 1) Where are we now? 2) Where do we want to be in 3-5 years? 3) How are we going to get there? Readington Township held a Community Intake session in February 2016, conducted a survey of the school community in May 2016, in preparation for a Strategic Planning Retreat in June 2016. One of the four focus areas, "School Environment" deals specifically with sustainability. The goal under that area reads "Promote a healthy and caring school environment for students and staff members." Specifically, the goal aims to continue the focus on sustainability and environmentally friendly practices in all areas of school operation. This guides the efforts of the district, the Green Committee, and the Energy Efficiency Program in moving forward. The Strategic Plan was communicated to all staff and parents through Genesis e-mail blasts, and is posted prominently on the district's website.

PDF: [READINGTON SCHOOLS DISTRICT STRATEGIC PLAN 2016-2020](#)

Climate Mitigation & Renewable Energy

School Carbon Footprint

10 Points

 Bronze Priority School District

Program Summary: Three Bridges School's carbon footprint was calculated using January to December 2016 as the baseline year. The Sustainable Jersey Carbon Footprint spreadsheet was used to do the calculations and is attached. The facility uses natural gas and electricity as its utilities. Vehicle mileage and fuel numbers were provided by the district's Transportation Department, and facility energy usage numbers were provided by the Energy Efficiency Coordinator. The school's carbon footprint was initially calculated to be 835.4 metric tons of CO2 equivalent in 2014 and has now been recalculated to be 666.4 metric tons of CO2 equivalent for 2016. Each school in the district continues to use a behavior based energy efficiency program and ongoing energy tracking. Additionally, the bus routes for the school district have been consolidated from a three tier system in 2014 to a two tier system in 2016. The resulting 20% reduction in our school's carbon footprint is amazing! We can really see the impact our actions have on our carbon footprint and the environment.

EXCEL: [TBS CARBON FOOTPRINT SPREADSHEET](#)

Onsite Renewable Generation System - Solar

20 Points

School

Program Summary: The Readington Township Board of Education undertook an onsite solar generation project at three of the district's four schools beginning in 2015. The installation was completed in January 2018 and came online in February 2018. The solar project is a Power Purchase Agreement with Ameresco and includes 292 kilowatt ground and roof arrays at Readington Middle School, 642 kilowatt ground arrays at Holland Brook School and a 136 kilowatt roof array at Three Bridges School. These solar installations are expected to offset 30% of the electricity usage at Readington Middle School, 64% of the electricity usage at Holland Brook School, and 28% of the electricity usage at Three Bridges School based on usage from 2014-15. Because this utility data is more than 2.5 years old, data from 2016-17 has been included as an attachment but was not used in the offset calculation provided by the energy consultant, Gabel Associates. During the 2017-18 school year while construction was occurring and the solar panels were coming online, the district's Energy Efficiency Coordinator provided ongoing opportunities for the staff and students to be involved and knowledgeable about the project. She offered overviews of the solar project installation to Readington Middle School sixth and seventh grade students, used solar science kits with 5th grade students to illustrate energy from the sun, and brought in Ameresco to provide solar education sessions to all district students in grades two through eight. Additionally, she offered multiple sessions on incorporating solar topics into the classrooms to the teachers and brought Ameresco in to present a session open to parents about

what the solar displays are and how to use them in their classrooms. Finally, there was a solar project ribbon cutting and dedication ceremony open to parents and the community where Board of Education members, students, and Facilities Department employees spoke about the impact the solar installation has on the district (see Community Outreach section).

PDF: [TBS SOLAR LETTER OF CERTIFICATION](#)

PDF: [ESTIMATED SOLAR PRODUCTION](#)

PDF: [TBS UTILITY DATA BASIS FOR OFFSET METER 1](#)

PDF: [TBS UTILITY DATA BASIS FOR OFFSET METER 2](#)

EXCEL: [TBS ELECTRICITY DATA 2016](#)

Diversity & Equity

Accessible Communications

10 Points

School District

Program Summary: Accessible Communications is extremely important in our district. In the beginning of the school year our school created a Communications Committee. The Committee was made up of parents, teachers, administration, and community members. The purpose of the committee was to make sure that all communication is accessible to all members of the school community and the community at large. The Communication Committee met quarterly and looked at the strengths and weakness of our school's current communication. Reviewing the NJDOE demographics for our school from 2014-2015 and 2016-2017 the Communication Committee recognized the increase in our Hispanic population at our school. As a committee we focused our attention on making sure that all communication is made available in both English and Spanish. Our district is a paperless district therefore all school and student information is sent out electronically. Each Wednesday, a Genesis Blast highlights all events that are taking place at our school. This Blast is available via e-mail as well as on our school website. <https://www.readington.k12.nj.us/Page/3375> This blast is sent to staff, parents, and our community. A paper copy option is available to families that do not have internet access at home. The weekly Genesis Blast is now available in both English and Spanish. (see attached documentation) Our Spanish Teacher is available to translate for parents. The Spanish teacher translates at IEP Meetings, I&RS Meetings, 504 Meetings, conferences and is also available to the school nurse in addressing medical issues with parents. Our district also has a facebook page to highlight events that are taking place within the district. Our Home and School Association also has a facebook page. Facebook allows for translation and sharing of information through social media. Our Superintendent holds a "Chat with the Superintendent" on a regular basis. The Superintendent discusses current happenings within the district and also addresses any questions that parents may have. The minutes from the Superintendent chat are then shared in the Superintendent's monthly newsletter. (Please see attached documentation) Our School District also uses SchoolMessenger to communicate with families when there is an emergency closing or delayed opening. Our district also publishes press releases in the Democrat, Hunterdon Review, Courier News, and Readington News. Results of Communications Committee were presented to staff at the May 30, 2018 faculty meeting. (Attached please find agenda from the faculty meeting) Results and recommendations were outlined to all staff members in a effort to provide accessible communications to all. The staff commented on the outstanding collaboration that has been provided by the Spanish teacher this year. They have felt that our Spanish Teacher is a tremendous asset and resource in making sure that communication is accessible to all. At Three Bridges School we believe communication between school, parents, staff, students and

community is essential in the success of our school. We therefore are always looking at methods that are available to improve our communication. Attached you will find: upload #1 - Three Bridges School Communications Committee as well as NJDOE Demographic information from 2014 - 2015 and 2016 - 2017. upload #2 - School Messenger Information and Facebook pages of Readington Township School District and the Readington HSA upload #3 - Information from our weekly Genesis Blast that is available in both English and Spanish upload #4 - Chat with Superintendent information including May 2017 Superintendent's Newsletter (page 2 highlights minutes from Superintendent Chat), January 2017 Superintendent's Newsletter (page 2 highlights minutes from Superintendent Chat) upload #5 - Faculty Meeting Agenda which Principal presents the finding from the Accessible Communications Committee upload #6 - Minutes from the Faculty Meeting where building principal presented the Communication Committees Findings and implementation. Also, an email from one of our parents. If you look at the bottom they acknowledge that the information in the weekly blast is being translated for Spanish speaking families.

PDF: [ACCESSIBLE COMMUNICATIONS DOCUMENTATION](#)

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PDF: [ACCESSIBLE COMMUNICATIONS DOCUMENTATION](#)

PDF: [ACCESSIBLE COMMUNICATIONS DOCUMENTATION](#)

PDF: [ACCESSIBLE COMMUNICATIONS DOCUMENTATION](#)

Energy Efficiency

Behavior-Based Energy Conservation Programs

10 Points

School

Program Summary: In the beginning of the 2017-2018 school year our Third Grade Student Voice Members had the opportunity to sign up for sub-committees within the Student Voice Club. One of the sub-committees is our Green Team. Thirty four students signed up to be part of our Green Team. (see attached documentation) Part of their job as a Green Team Member is to be an energy patrol officer for our school and help perform monthly energy audits. (see attached documentation). The Green Team Members led by their advisor, Mrs. Barca, would perform monthly surprise audits when the students were at specials, recess, or lunch. They would check and see if the lights in the classroom were turned off. Student Voice Members would leave WOW stickers for when the lights were turned off and Oops stickers for when the lights were left on. The Green Team Members completed 10 energy audits for the 2017-2018 school year. There were three classrooms that had received ten WOW stickers and zero Oops stickers. Those three classes, Mr. Wright's class, Mrs. K-B's class, and Mrs. Kokoszka's class, won an extra recess with our building principal, Mrs. Higgins. This contest helped promote saving energy in our school building. The Green Team Members made posters and signs both on the computer and by hand to help remind students to turn off the lights and save energy.(see attached documentation) Our District Energy Efficiency Coordinator also sent emails reminding staff to turn off electronics over winter and spring break. (see attached documentation) Our Energy Auditors did a fantastic job promoting energy-saving behaviors here at Three Bridges School.

PDF: [BEHAVIOR-BASED CONSERVATION PROGRAMS - NEW DOCUMENTATION](#)

PDF: [BEHAVIOR-BASED CONSERVATION PROGRAMS - NEW DOCUMENTATION](#)

IMAGE: [BEHAVIOR-BASED CONSERVATION PROGRAMS - NEW DOCUMENTATION](#)

Energy Tracking & Management

20 Points

School District

Program Summary: The Readington School District's energy conservation program began in 2011-12 and is ongoing in 2018. The district employs an Energy Efficiency Coordinator who regularly monitors and reports energy usage data to the school community. The school is applying for 20 points for this action for benchmarking and ongoing tracking. In 2018 we updated our building interview forms documenting the inventory of each facility. Electricity and natural gas usage data are entered into our EnergyManager energy tracking software and flow into Energy Star's Portfolio Manager. Each quarter results are shared with the school community in an e-mail results report. The results are also reviewed with the district's Green Team at their meetings and published on the Energy Efficiency section of the district's website. The district finished its fifth year of the Energy Efficiency Program in June 2017 still comparing its performance to the established baseline year of 2011-12. We have a yearly goal to reduce our annual energy usage by 10% compared to the baseline year, and we met that goal in Year 3 (2014-15) of the program. In Year 4 (2015-16), we had a reduction of 11%, and in Year 5 (2016-17) we achieved an 18% reduction. The estimate of avoided cost based on the usage savings over the five years of the program is \$421,000.

WORD: [BUILDING INTERVIEW FORM 2018](#)

PDF: [ENERGY RESULTS REPORT](#)

PDF: [TBS ENERGY DATA 2017](#)

PDF: [SEP REPORT](#)

IMAGE: [ENERGY RESULTS WEBSITE SCREENSHOT](#)

Food & Nutrition

Healthy Food Choices Beyond the Cafeteria

10 Points

School District

Program Summary: First grade spends the most time in our school vegetable garden. With the help of the third graders, first graders plant, weed, water and take general care of the school garden. We also have scouts assist and several parents. TBS students learn about community gardening. They also learn through tasting their own grown food how very delicious fresh produce is. A bulletin is prominently displayed at the front of the school with pictures of our students enjoying healthy food choices. (see attachment) We also provide recipes for cooking with local produce in the pocket of the board. Students also had a chance to come in and taste test Maschio's food. Students were encouraged to be honest and share their thoughts on the food. The building principal called parents for permission for their child to participate and to extend the invitation to the parent so family ideas were shared out. Healthy food choices were presented. Attached to this document, you will find our district wellness policy, our parent handbook which

outlines on page 10 snacks at school, a letter that was sent home to all of our parents before Halloween reminding them that our district's policy does not allow the distribution of food or beverages high in sugar content, and minutes from a community/principal meeting with our food services to discuss choices offered and what other healthy items we would like to have served.

PDF: [HEALTHY FOOD CHOICES BEYOND THE CAFETERIA DOCUMENTATION](#)

PDF: [HEALTHY FOOD CHOICES BEYOND THE CAFETERIA DOCUMENTATION](#)

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Promote Locally Grown Foods

10 Points

School District

Program Summary: Readington Township Public Schools outsources its lunch program to Maschio's Food Services. Maschio's provides hot and cold lunches to students at Three Bridges School for the full day pre-school through third grade. Maschio's provides locally grown produce through its Farm to School Program. The attached menus show Farm to School items. Attached you will find a lunch menu highlighting our Farm Fresh Meals along with some information from our food distributor regarding locally grown foods. Attached to this document, you will find several menus, flyers, purchase orders and newsletters detailing our locally grown foods program. Our school also planted their own vegetable garden. Our garden is used by all grade levels. In June, we harvested our garden as a school and served our school grown salad at lunch - see attached photos. We promoted physical fitness with healthy local eating. Update: After reviewing your feedback, please find a screenshot of the email from Maschio's that details what produce was purchased locally, the name of the vendor and when it was offered at the school.

IMAGE: [PROMOTE LOCALLY GROWN FOODS DOCUMENTATION](#)

PDF: [PROMOTE LOCALLY GROWN FOODS DOCUMENTATION](#)

IMAGE: [PROMOTE LOCALLY GROWN FOODS DOCUMENTATION](#)

PDF: [PROMOTE LOCALLY GROWN FOODS DOCUMENTATION](#)

IMAGE: [PROMOTE LOCALLY GROWN FOODS DOCUMENTATION](#)

School Gardens

10 Points

School

Program Summary: Students participate in the seed to plant process throughout their entire four years at Three Bridges School. First Grade students plant in March and observe plant growth which incorporates math lessons and graphing as well as their original science lesson on the structure of a plant and plant life. They also learn life lesson skills through maintaining the beds including patience, care and responsibility to the community. Second Grade students harvest the food at the end of the year and third grade students prepare the beds and plant pumpkins for the summer. Pre-K and Kindergarten students plant marigolds and Nasturtiums and are taught about using companion plants instead of pesticides which can be harmful to our community. We have fed the whole school salad at lunch from our school garden. Third grade students water and weed with the assistance of their first grade buddies. Three Bridges School has truly created a

community garden. At the end of each school year, pumpkins are planted so they can be harvested by the kindergarten and first graders in the fall. The students have a class pumpkin and later enjoy eating the seeds and pumpkin pie. The garden is located outside the pre-school/first grade wing, just steps from the classrooms. Please find attached pictures of the harvests and planting guidelines for the teachers - focus of these documents is first grade. Updates to our garden included the following: Our first bed had too many bees which made our littlest students too afraid to get into the garden. Therefore we moved the herb/pollinator bed to the far end and now have a full bed of peppermint, echinacea, and oregano. We then planted a strawberry patch in our first bed. Vegetable harvest last season was enormous and every child and teacher went home with a bag of produce. The students did a great job planting, watering and maintaining the beds. As for the pumpkins, we had a groundhog feast on our pumpkins this year so we only had six which went to the first grade classes and we repaired the fence. We have had many more pumpkins in the past and were disappointed this year. We are hoping with a fixed fence we will once again have a pumpkin patch where each class will be able to have their own pumpkin.

PDF: [SCHOOL GARDENS DOCUMENTATION](#)

IMAGE: [SCHOOL GARDENS DOCUMENTATION](#)

PDF: [SCHOOL GARDENS DOCUMENTATION](#)

IMAGE: [SCHOOL GARDENS DOCUMENTATION](#)

Green Cleaning

Green Cleaning Policy & Plan

10 Points

School District

Program Summary: A proactive plan started by the district's green committee (now the District Green Team) several years ago, replaced several harmful cleaning chemicals being used to clean the buildings. Now an all-purpose peroxide based cleaner that provides a safer and more effective alternative to previous products used. Several other procedures were changed that increased the cleanliness of the buildings and reduced costs such as microfiber cloths for dusting and floor care. This year for the Sustainable Schools Program, the District Green Committee has been revived as the Green Team. As a refocused team, we started reevaluating our cleaning plan, and to create a policy to assist us in becoming "Greener" in our sustainability efforts. The team worked with our district custodians and our contracted cleaning services to create a written cleaning plan, and with the help of the district policy committee added key points to what would become the green cleaning policy. The policy has been adopted by the board of education, and as a living document, along with the cleaning plan will be updated as technologies become available. The policy has been distributed to staff through an email, and will be presented as part of a green cleaning awareness program for staff, parents, and the community. The info will also be available on the schools' website. The district had a solid and effective cleaning plan in place, but it has been refined, and by continually improving cleanliness, the health of occupants, and further lowering costs will continue to have a positive impact for students, staff, and the community who use our buildings. The plan is reviewed and adjusted annually to keep up with current cleaning practices and technologies.

WORD: [GREEN CLEANING POLICY & PLAN DOCUMENTATION](#)

PDF: [GREEN CLEANING POLICY & PLAN DOCUMENTATION](#)

PDF: [GREEN CLEANING POLICY & PLAN DOCUMENTATION](#)

PDF: [GREEN CLEANING POLICY & PLAN DOCUMENTATION](#)

Green Cleaning Equipment

10 Points

School District

Program Summary: Green cleaning equipment is just part of the district overall plan of a low environmentally cleaning program that incorporates prevention, product selection, equipment efficiency, and effective procedures. Through the purchase and use of green motorized cleaning equipment, our custodians are able to clean more efficiently and ensure allergy- and asthma-friendly environments by improving indoor air quality and eliminating harmful cleaning products. By utilizing a local purchasing coop, we have been able to replace older less efficient equipment while also controlling costs. The newer equipment is quieter, ergonomically designed, uses HEPA filtration, and optimizes chemical use. Older equipment that is still being used is sent out for refurbishment to maintain standards and efficiency

PDF: [GREEN CLEANING EQUIPMENT DOCUMENTATION](#)

Green Purchasing

Green Purchasing Policy

10 Points

 Bronze Priority  Silver Priority District

Program Summary: The Readington Green Committee worked to draft a comprehensive Sustainability Policy which was adopted by the Readington Board of Education on July 25, 2017. It was revised after that time to include additional sections, one of which is the Green Purchasing Policy (page 3 of the document attached). The Green Purchasing Policy section lays out guidelines for the selection of products that are environmentally friendly and targets, at least initially, green cleaning supplies green cleaning equipment, recycled paper, and energy efficient appliances.

PDF: [GREEN PURCHASING POLICY DOCUMENTATION](#)

IMAGE: [SCREENSHOT](#)

Recycled Paper Purchase

10 Points

School District

Program Summary: Attached you will find two invoices for paper purchase for the 2017-2018 school year. All paper that was purchased, white, color, 8.5x11, 8.5x14, 11x17, is all 30% recycled paper. The school secretary, Debbie Sevell, who is in-charge of all ordering has been advised by the building principal, Kristen Higgins, to only purchase paper that contains a minimum of 30% post-consumer recycled content. We are pleased to report that all paper that is used at Three Bridges School is 30% recycled.

PDF: [RECYCLED PAPER PURCHASE DOCUMENTATION](#)
IMAGE: [RECYCLED PAPER PURCHASE DOCUMENTATION](#)
IMAGE: [RECYCLED PAPER PURCHASE DOCUMENTATION](#)
IMAGE: [RECYCLED PAPER PURCHASE DOCUMENTATION](#)
PDF: [RECYCLED PAPER PURCHASE DOCUMENTATION](#)

Healthy School Environments

Indoor Air Quality Review *Retires 10/31/23*

15 Points

 Bronze Priority  Silver Priority School

Program Summary: During the 2017-18 school year, the Three Bridges School's IAQ team used the Tool for Schools Checklists and procedures to inspect the building to get an overall perspective on conditions related to IAQ. The team took the findings along with having staff fill out the classroom checklist and developed a plan to address issues and educate parents and the community. The district IAQ designated person related these findings along with presenting an IAQ awareness training session. Along with a reporting process for concerns and annual awareness training, the staff feels they are a part of the process of creating a healthy environment for our students and staff. As a result of this team effort, there are generally very few IAQ issues in our classrooms

POWERPOINT: [STAFF TRAINING PRESENTATION](#)

PDF: [IAQ FACT SHEET](#)

WORD: [IAQ ACTION PLAN](#)

PDF: [TBS SCHOOL MAP](#)

PDF: [IAQ CHECKLISTS](#)

Access to Healthy Water in Schools

20 Points

School

Program Summary: The goal of the Three Bridges School is to ensure that clean and healthy drinking water is available to all students during the school day and to promote water as the primary hydration option. This school is connected to a private well on the property and is regulated under the Safe Drinking Water Act and required to complete regular water testing for all regulated contaminants, including lead and copper. Regular testing has ensured that our water supply is not contaminated and safe for our staff, students, and the community. The Green Team evaluated and completed the drinking water needs assessment to determine the school's strengths and discover areas of improvement. A plan has been developed to address some needs and how to further promote the healthy benefits of water following the CDC's program Increasing Access to Drinking Water in Schools. As per 2016 NJDOE mandate, water outlets were tested for lead. TBS test results showed no excessive lead levels

WORD: [ASSESSMENT CHECKLIST](#)

WORD: [WATER ACTION PLAN](#)

PDF: [PARENTS LETTERS 2018](#)

PDF: [TEST RESULTS 6/2017](#)

PDF: [ACCESS TO HEALTHY WATER IN SCHOOLS DOCUMENTATION](#)

Asthma Friendly Schools

10 Points

School

Program Summary: The Asthma Friendly School Award ensures that schools are in compliance with NJ laws regarding asthma management and good indoor air quality. Three Bridges School completed all necessary components. All staff have been provided with training regarding the treatment of Asthma and important environmental factors to reduce the exacerbation of Asthma symptoms in the school environment. The school environment is Asthma Friendly and our indoor air quality excellent. The attached award documents our designation and is valid for three years.

PDF: [ASTHMA FRIENDLY SCHOOL DOCUMENTATION](#)

Anti-Idling Education & Enforcement

10 Points

School District

Program Summary: Our district has an Anti-Idling Policy. It is a well publicized policy with signs on school property and featured in our school Green Magazine (page 15). Students have been taught during a school-wide green assembly to tell their parents to turn their cars off when they are waiting in the parking lot. The bus drivers strictly follow the anti-idling policy. Attached you will find our anti-idling policy as well as our school Green Magazine that highlights our anti-idling policy.

IMAGE: [ANTI-IDLING EDUCATION & ENFORCEMENT DOCUMENTATION](#)

PDF: [ANTI-IDLING EDUCATION & ENFORCEMENT DOCUMENTATION](#)

PDF: [ANTI-IDLING EDUCATION & ENFORCEMENT DOCUMENTATION](#)

PDF: [ANTI-IDLING EDUCATION & ENFORCEMENT DOCUMENTATION](#)

Outdoor Air Quality Awareness Program

10 Points

School District

Program Summary: Outdoor Air Quality Awareness Program:
https://www.airnow.gov/index.cfm?action=flag_program.index Asthma awareness and breathing issues are a major concern and focus at Three Bridges School. We have always been very concerned with the air quality within the building. We also educate our students, families and staff about how outdoor air quality effects the ease of breathing for all people. All parents have been notified of our program through our weekly Genesis blast. The school community can find the local outdoor air quality posted on the main page of our school's website through a free AirNow widget. Flags fly under the national flag on our school flag staff. The custodian raises the air

quality flag and the students report on the the color for the day and read what we should do if it is an alert color. The students share the air quality report on the school announcements. The protocol in place for our school was discussed at a faculty meeting and the teachers know to check the home page of the TBS website each day. Attached to this document, you will find a copy of the school's website which has the daily posting, a picture of the air quality flag on our flag pole in front of our school. Attached is a flyer we have sent home reminding parents, students and our community of the air quality flags flying outside the school. On page nine of the Three Bridges School Green Magazine, you will find information on our Outdoor Air Quality Program.

IMAGE: [OUTDOOR AIR QUALITY AWARENESS PROGRAM DOCUMENTATION](#)

IMAGE: [OUTDOOR AIR QUALITY AWARENESS PROGRAM DOCUMENTATION](#)

PDF: [OUTDOOR AIR QUALITY AWARENESS PROGRAM DOCUMENTATION](#)

PDF: [OUTDOOR AIR QUALITY AWARENESS PROGRAM DOCUMENTATION](#)

IMAGE: [OUTDOOR AIR QUALITY AWARENESS PROGRAM DOCUMENTATION](#)

PDF: [OUTDOOR AIR QUALITY AWARENESS PROGRAM DOCUMENTATION](#)

Reporting Process for Indoor Air Quality Concerns *Retires 10/31/23*

10 Points

School

Program Summary: The process for reporting IAQ concerns was presented at a staff faculty meeting as part of a IAQ awareness training session. The "designated person" for the district presented a power-point with basic info on the importance of IAQ, sources of contaminants, basic control strategies, and how to report concerns and the steps taken to resolve issues. Forms were developed for concerns, and follow up. All concerns and outcomes will be logged and filed as an ongoing IAQ record of the school building and compliance with PEOSH standards. Information and the reporting process will be made available in the facilities section of the school website for staff and the community to view and report issues. As a result of the awareness training and the facilities department proactive approach to building maintenance, there have been minimal reports of IAQ issues for this building to date.

PDF: [REPORTING PROCESS FOR INDOOR AIR QUALITY CONCERNS DOCUMENTATION](#)

PDF: [REPORTING PROCESS FOR INDOOR AIR QUALITY CONCERNS DOCUMENTATION](#)

PDF: [REPORTING PROCESS FOR INDOOR AIR QUALITY CONCERNS DOCUMENTATION](#)

POWERPOINT: [REPORTING PROCESS FOR INDOOR AIR QUALITY CONCERNS DOCUMENTATION](#)

PDF: [REPORTING PROCESS FOR INDOOR AIR QUALITY CONCERNS DOCUMENTATION](#)

Innovation Projects

Innovative Project #1

10 Points

School District

Program Summary: The Readington Public School District employs an innovative approach to resource conservation with its Energy Efficiency Program. Since 2012, the district has partnered with Class 5 Energy's Schools for Energy Efficiency (SEE) program to improve facility operations

and modify behavior of staff and students resulting in reduced energy usage. An Energy Efficiency Coordinator (EEC) is employed to implement the strategies of the SEE program in the schools. Ongoing communication about program goals, activities, energy results, and energy saving tips is provided using an Energy Efficiency section of the district's website. With guidance from the SEE program, the district's Green Committee crafted a comprehensive Energy Conservation Policy adopted in 2013 to outline expectations for use of lighting, heating, and cooling as well as shut down requirements for electronic devices. The goals of the Energy Efficiency Program include reduction in energy use, recognition of achievements, and engagement of staff and students. The Energy Efficiency Coordinator regularly monitors and reports energy usage data to the school community. In the first two years of the program, the district achieved a 13% reduction in electricity usage and a 2% reduction in natural gas usage for an overall reduction of 7% in energy usage. This has resulted in almost \$127,000 in avoided energy costs to the district. Several of the district's schools have been recognized for their achievements stemming from the energy program including Three Bridges School earning the National Green Ribbon School award from the U.S. Department of Education in 2014 and Readington Middle School earning a silver award in 2015 through the National Wildlife Federation's Eco Schools program. The Energy Efficiency Program includes education programs and activities for the school community as well as outreach to the local Readington community. Students have participated in poster contests and energy assemblies, one of which introduced an Energy Hog character. The Energy Efficiency Coordinator regularly goes into classrooms to educate staff and students about energy use in school with energy fact game shows as well as a Watts Up activity which uses a watt meter to illustrate how much electricity devices use over time. Middle School students can participate in an Energy Club which monitors classrooms to ensure lights and electronics are turned off at the end of the day as well as investigates renewable energy sources. In addition, the school district has participated in Readington Community Day sharing displays about energy conservation and green efforts.

WORD: [HUNTERDON DEMOCRAT WATTS UP ARTICLE](#)

IMAGE: [READINGTON COMMUNITY DAY DISPLAY](#)

IMAGE: [RMS ENERGY CLUB WEBSITE](#)

IMAGE: [ENERGY HOG ARTICLE](#)

PDF: [READINGTON ENERGY POLICY](#)

IMAGE: [ENERGY EFFICIENCY WEBSITE](#)

Innovative Project #2

10 Points

School District

Program Summary: At Three Bridges School, we have implemented a Go Green program for the entire school community. It is led by staff at the school and is dedicated to promoting a sustainable culture in the school, educating the students about being good stewards of the environment, and furthering environmental efforts at the school. The Go Green program began in 2013, and several of the student projects can be viewed on the school's website. This Go Green initiative was the springboard for the school to participate in the NJ Green Ribbon Schools program. Three Bridges School not only won the 2014 NJ and National Green Ribbon, in 2015 the school was recognized by the National Wildlife Federation's Eco School program for its green efforts with a Green Flag award, the highest award offered by the program. Most recently, Green Week was held at the school and celebrated the environment with theme days, sapling plantings, green poster projects, and tips for saving energy on the morning announcements. Go Green projects are communicated with the community through the school's website along with newspaper articles. The Go Green program continues to encourage a culture of sustainability at the school and looks forward to new initiatives in the coming years. Attached are the newspaper articles celebrating the school's accomplishments, a screen shot of the website celebrating Go Green and a mural on the wall outside the cafeteria. "Join the TBS Green Tiger Team" . The

students are excited to be Green tigers!

PDF: [GREEN RIBBON SCHOOLS NEWSPAPER ARTICLE](#)

PDF: [GREEN FLAG NEWSPAPER ARTICLE](#)

IMAGE: [TBS GO GREEN WEBSITE SCREENSHOT](#)

IMAGE: [INNOVATIVE PROJECT #2 DOCUMENTATION](#)

Integrated Science, Technology, Engineering, Arts & Math (iSTEAM)

iSTEAM Planning & Implementation

15 Points

School District

Program Summary: For the 2017-2018 school year we established an iSTEAM committee to guide our iSTEAM activities for the school year. The committee met throughout the year to review our previously established plans and if they were still aligned with our vision statement. The committee also developed a plan for professional development to be presented throughout the year at staff meetings to explore our resources, solicit staff feedback and gather new ideas. Throughout the year, the iSTEAM committee continually emphasized the EfS school focus standard "It all begins with a change in thinking" by using our Makerspace curriculum and resources. The school's staff and students were challenged to think differently in order to establish a mindset of critical thinking reasoning, collaboration, investigation and creativity.

WORD: [IMPLEMENTATION PLAN 2017-18](#)

PDF: [EMAIL COPY FROM PRINCIPAL_PD WITH IMPLEMENTATION PLAN](#)

PDF: [ISTEAM COMMITTEE, AGENDAS, MINUTES](#)

PDF: [REVIEWED LESSON PLANS FOR 2017-18 IMPLEMENTATION](#)

iSTEAM Collaborative Units of Study

40 Points

School

Program Summary: Attached please find 5 iSTEAM Collaborative Units of Study for 1st through 3rd Grade. The first iSTEAM project took place in second grade and focused on bees. Children played the role of scientists to investigate the role of bees in our ecosystem. Children learned about the role bees play in pollination, and honey production. Through news casts and media reports, children learned about the declining bee population. The students worked collaboratively to investigate possible reasons for the decline, along with potential implications to humans. Based on their deductions, children developed a plan to help boost bee populations in our area. Ideas included designing a pollinator garden, planting species that are attractive to bees, and creating informative materials such as poster, fliers, blogs, videos, or letters to inform the community of how they can help bee numbers to recover. Non-fiction reading, opinion and explanatory writing, technology, and presentation skills were infused throughout the unit. Here is a link with pictures and videos showcasing student work: <https://www.readington.k12.nj.us/Page/5719> The second iSTEAM project for third grade was on The Four C's of Education. Students explored the importance of creativity, critical thinking, communication, and collaboration in the classroom.

Using the MakerSpace concept, students were presented with a variety of tasks or challenges that they must complete. Challenges ranged from simplistic concepts such as building a bridge, to more complex concepts such as coding a robot to complete a given task. Concepts of basic construction, engineering principles, electrical circuitry, and coding were infused throughout the unit. As a keystone project, students worked collaboratively to develop a series of projects all based around a central theme (eg nursery rhymes, flight, transportation, superheroes, etc). Students decided on a problem to be solved, deliberated on materials that should be made available to solve it, and developed directions that should be provided. Students created kits with all necessary materials and guidelines to follow in solving their problem. Students worked with their teacher to create a rubric with which to guide their progress. Completed student projects were used as part of schoolwide enrichment activities on National MakerSpace day. Students followed the engineering design process, document their progress in a project log, and demonstrate their final product to their peers. Here are links on our MakerSpace day and MakerSpace activities: <https://www.smores.com/5x2mh> <https://www.smores.com/12n79> Third Grade iSTEAM Ocean Conservation Students researched the effects of human actions on the ocean environment. Based on their findings, children developed a plan to help a class specific marine animal survive. Students wrote informational pieces about their marine animal. Non-fiction reading, opinion and explanatory writing, technology, art, poetry and presentation skills were infused throughout the unit. Students SKYPEd with a shark tracking expert to understand migration patterns of sharks in the Atlantic Ocean. Specialists from Jenkinson's Aquarium spoke to students about the effects of ocean pollution and discussed methods to prevent further pollution. Students work can be found on the following links: <https://www.readington.k12.nj.us/Page/5716> <https://www.smores.com/bhpwn> Students also created a Trash to Treasure Museum using recycled materials commonly found in the ocean ecosystem. <https://tinyurl.com/y8r9w3kk> Second Grade Iditarod iSTEAM Project The second grade students read about the historical and cultural influences of the Alaskan way of life and the Iditarod Race. Students researched; landforms and climate/weather of Alaska, the sled dog teams, the course of the Iditarod and the sled used to compete in the race to design their own Iditarod sled. The Unit began with students researching their musher and using "Kidspiration" to produce a musher's biography. Then, students researched the severe Alaskan weather conditions, and tracked weather patterns and temperatures on their Chromebooks. The students kept a weather log and made general observations and comparisons about their local climate to aid them in the design of their Iditarod race. In MakerSpace students referred to their research notes to design an Iditarod sled. They followed the engineering design process to help them... Ask, Imagine, Plan, Create, Test, Improve and Share a better Iditarod sled. These designs needed to be sturdy enough to carry two boxes of medicine across the Alaskan terrain. As the Iditarod race began, students graphed their mushers progress using the current musher standing report which was obtained via the Chromebooks. The data was recorded each day a student designed line graph. Students also; followed, charted, and graphed weather conditions on the Iditarod trail and then made general observations to compare the climate in the state of New Jersey to that of the state of Alaska. Attached please find pictures of our STEAM bulletin board highlighting all the elements of the STEAM Iditarod project. First Grade Water Conservation STEAM project Students started by thinking of ways they use water in their daily lives. We talked about some of the different ways that water is wasted and started brainstorming ideas on how to measure the amount. Students worked with a parent at home to measure that amount of water wasted at home when brushing their teeth by using a measuring cup. Next they compared the results in school and charted the amount that will be saved in the future if every first grader turns the faucet off while brushing their teeth. Students also focused on ways to reduce plastic consumption. At TBS we already have water conservation stations throughout the school. Students tracked each water conservation station around TBS for a week and saw the total amount of plastic reduction we can have in a year at school. Here is the video to the video our first grade students made on water conservation: <https://vimeo.com/262246617>

PDF: [ISTEAM COLLABORATIVE UNITS OF STUDY DOCUMENTATION](#)

IMAGE: [ISTEAM COLLABORATIVE UNITS OF STUDY DOCUMENTATION](#)

PDF: [ISTEAM COLLABORATIVE UNITS OF STUDY DOCUMENTATION](#)

iSTEAM Professional Development Plan

10 Points

School District

Program Summary: We have many Professional Development (PD) opportunities within our district that focus on iSTEAM. During the 2016-2017 school year the following professional development offerings were made available to our staff: May 26, 2017 teachers had the option of learning about Ozobots. This course was designed for teachers to learn hands on about robotics and programming while working on STEM/STEAM applications. After learning about Ozobots from this workshop, Three Bridges School was so excited about using Ozobots for STEAM projects that we wrote a grant to our Home and School Association for 6 Ozobots and received them this year to use for our school-wide Winter Olympics STEAM project. (Please see attached documentation) The Spring 2017 Teacher Academy Courses included A Maker Education Session. Participants had the opportunity to learn how to incorporate STEAM Learning and cultivate creativity with students through the use of littleBits. littleBits is a technology platform of easy-to-use electronic building blocks that empower students to invent.(Please see page 5 of attached March 2017 Teacher Academy Course Offerings Handout) During the 2017-2018 School Year we implemented PD for the entire school staff during our faculty meetings. Our Enrichment Teacher spent one of our three monthly faculty meetings in September, October, January, February, April and May (6 meetings total) focusing on iSTEAM, Makerspace, and planning school-wide projects that incorporate our STEM/STEAM initiative. This gives teachers the opportunity to plan and participate in hands-on learning activities. (please see attached documentation) . Staff is also encouraged to pursue out of district PD relating to iSTEAM. (Please see attached documentation of out of district workshop attendance)

PDF: [MARCH 2017 COURSE OFFERINGS](#)

PDF: [ISTEAM PROFESSIONAL DEVELOPMENT PLAN OUT OF DISTRICT](#)

PDF: [ISTEAM PD ATTENDANCE AT STAFF MEETINGS](#)

PDF: [PDP OZOBOT INFORMATION](#)

WORD: [PDP PLAN FOR ISTEAM 2017-18](#)

Learning Environment

Student Participation in the Arts

10 Points

District

Program Summary: Readington Township School District is committed to academically supporting district-wide participation in the arts at its four school locations. Whitehouse School, Three Bridges School, Holland Brook School, and Readington Middle School accomplish this by assuring that every elementary student is enrolled in music and visual arts classes and 94% of the middle school student population is enrolled in music or visual arts classes. Enrolled students are required to demonstrate competency in at least one arts discipline during the previous school year. The attached letter from Interim Superintendent Dr. DeFabiis attests to the district's support for the arts.

PDF: [STUDENT PARTICIPATION IN THE ARTS DOCUMENTATION](#)

Curriculum Mapping

20 Points

School District

Program Summary: The Science Curriculum Map provides a clear overview of the district's new science curriculum and the sustainable standards that are a natural fits with each of the units. The curriculum map was shared with the teaching staff at faculty and department meetings. Discussions about implementation and resources available were part of the meetings. It is also posted on the district website for easy access by the community.

PDF: [CURRICULUM MAPPING DOCUMENTATION](#)

School Culture and Climate

School Culture and Climate Needs Assessment

20 Points

School

Program Summary: A school social and emotional learning committee was created in September 2017. The committee developed and administered a School Culture and Climate Program Inventory that was shared to all staff members through Google Docs. Using a Google Doc to share information allows for the sharing of ideas between staff. It also gives our school guidance counselor a better understanding of what is covered by the classroom teachers and what she needs to target in her lessons. The Google Doc allowed all staff members to input programs that we currently have available that address school culture, school climate, physical and mental health, social/emotional learning, and/or character development. The results of this inventory were shared to the entire staff at our January 2018 faculty meeting. Next, a school culture and climate survey was administered to staff, students and parents. The students completed the survey during computer class. Staff took the survey at a faculty meeting and parents received the information on a parent survey sent through our weekly Genesis Blast. 82% of staff members, 87% of students and 72% of parents completed the survey. A data analysis was completed by the school culture and climate focus group and an action plan for the 2017-2018 school year was created. The two areas that needed the most attention were increasing parents respect for their children's teacher and developing a plan to make sure all children feel safe when riding the school bus. Attached you will find the school culture and climate focus group sign-in, pictures of projects that focused on bus safety, the surveys administered and results, and data analysis and action plan. The data analysis and action plan were shared at a staff faculty meeting by our building principal and posted on our school website.

PDF: [CULTURE AND CLIMATE NEEDS ASSESSMENT DOCUMENTATION](#)

PDF: [CULTURE AND CLIMATE NEEDS ASSESSMENT DOCUMENTATION](#)

PDF: [CULTURE AND CLIMATE NEEDS ASSESSMENT DOCUMENTATION](#)

PDF: [CULTURE AND CLIMATE NEEDS ASSESSMENT DOCUMENTATION](#)

PDF: [CULTURE AND CLIMATE NEEDS ASSESSMENT DOCUMENTATION](#)

PDF: [CULTURE AND CLIMATE NEEDS ASSESSMENT DOCUMENTATION](#)

Inclusive Environments Where All Can Thrive

10 Points

School

Program Summary: At Three Bridges School we work hard to provide our students with an environment for them to feel safe and thrive academically and emotionally. Our mission is: Dedicated to the pursuit of excellence, Readington Township schools will nurture and challenge all students in a safe and innovative learning community. By encouraging respect and responsibility, students will become self-directed life-long learners who reach their greatest potential. It is the expectation of this school district that all pupils achieve the Common Core Curriculum Standards at all levels. We have created many groups, activities, and events at our school to help all students. One area of focus that we found that needed to be addressed was educating our students on autism. The CDC estimates that approximately 2.5% or more of children from birth to 21 years of age have Autism Spectrum Disorder (ASD) in New Jersey. With increasing numbers of children who are on the autism spectrum in our school we decided that we needed to educate our entire student body on Autism. Many of our students with autism and aspergers syndrome are mainstreamed into the regular education classroom. We realized that their peers need to understand why they behave the way they do and that we all need to be accepting and kind. Our goal was to bring awareness and acceptance to the disorder. Our faculty came up with a year long plan on how we were going to raise autism awareness in our school. Please see attached information provided by school guidance counselor on her report, plan of action and outcome for the school year. Below please find a link with additional information and pictures highlighting our efforts: <https://tinyurl.com/ycktrrdn> We also have a video on our school website that highlights our year long efforts and our culminating activity of a school-wide bubble blowing activity for Autism Awareness Month. <https://animoto.com/play/Yemj9TI9710FUR4TK8J1dQ> Our district also offers workshop to teachers on autism. Attached please find a picture of a in-service opportunity offered to staff by Karen Tucker, Director of Pupil Services. In addition, our third grade students have built a partnership with our pre-school classes for the 2017-2018 school year which includes our pre-school Autism class. Third grade students visit the autism class on a regular basis throughout the school year to read a story or work with the students on arts and crafts projects, building with blocks, or play dough. The third grade students are wonderful role models for our pre-school students and have built a positive relationship with our pre-school students. This partnership has benefited both our third grade students as well as our pre-school students. Our third grade students have become more aware of and accepting of others. Our pre-school students have the opportunity to interact and learn and develop new social skills within a natural environment. Attached please find a picture of a third grade student working with a student from our pre-school class. Another area of focus that we address is helping our new students and making sure that they feel welcome at their new school. Our school has a welcoming club for all of our new friends. The welcoming club is made up of our school guidance counselor, Mrs. Beth Furka, new students from the school year as well as students who are positive role models. We strategically choose students who can help our new students feel welcome and at home in their new school. Please see attached documentation outlining the role of our students who are part of The Welcoming Committee. We realize that friendships are a very important part of the elementary school students's life. The Guidance Counselor at Three Bridges School offers Lunch Bunch with students that are having friendship trouble. Developing and maintaining relationships can be difficult as children grow. Some issues discussed in this group include making and keeping friends and dealing with conflict. Attached please find a picture of Mrs. Furka with her Lunch Bunch friends as well as her lunch bunch schedule and a letter inviting students to take part in Lunch Bunch.

IMAGE: [INCLUSIVE ENVIRONMENTS WHERE ALL CAN THRIVE DOCUMENTATION](#)

IMAGE: [INCLUSIVE ENVIRONMENTS WHERE ALL CAN THRIVE DOCUMENTATION](#)

IMAGE: [INCLUSIVE ENVIRONMENTS WHERE ALL CAN THRIVE DOCUMENTATION](#)

PDF: [INCLUSIVE ENVIRONMENTS WHERE ALL CAN THRIVE DOCUMENTATION](#)

PDF: [INCLUSIVE ENVIRONMENTS WHERE ALL CAN THRIVE DOCUMENTATION](#)

School Grounds

Green Infrastructure Installation

10 Points

School

Program Summary: Three Bridges School has two gardens for the use of the students and staff. There is an internal courtyard which houses our sensory garden. Plants, flowers and herbs are planted there and a waterfall are in the garden to tantalize and stimulate the senses. The garden, of course, needs to be watered. A rain barrel was installed there in 2013 in order to allow use the rainwater runoff from the roof to nourish our plants. Outside the school is a vegetable garden used by the students in the school's curriculum. A rain barrel is located adjacent to the garden. The students also use the roof runoff to water our vegetables. The rain barrels have been shared with the community on page 7 of our school magazine.

IMAGE: [GREEN INFRASTRUCTURE INSTALLATION DOCUMENTATION](#)

IMAGE: [GREEN INFRASTRUCTURE INSTALLATION DOCUMENTATION](#)

PDF: [GREEN INFRASTRUCTURE INSTALLATION DOCUMENTATION](#)

Student & Community Outreach

Green Team

10 Points

 Bronze Required School District

Program Summary: The Readington Township Public School District has a long term commitment to sustainability and has utilized Green Committees over the years to provide stewardship as environmental initiatives have presented themselves. In January 2015, the Green Committee at the district level as well as Green Teams at each of the district's four schools became formalized and began moving forward with leadership for the Sustainable Jersey for Schools program. The district Green Committee served to steer the efforts taking place in the district while the school Green Teams evaluated implementation in their specific schools. Each group included a diverse membership from administration, teachers, nurses, facilities, and the community. Included in the membership are two representatives from the Readington Township Education Association. The attached annual reports from the district and from the school highlight accomplishments to date and look forward to where their efforts will be focused in the coming year.

PDF: [READINGTON DISTRICT GREEN TEAM LETTER](#)

PDF: [READINGTON DISTRICT GREEN TEAM REPORT](#)

PDF: [THREE BRIDGES SCHOOL GREEN TEAM LETTER](#)

PDF: [THREE BRIDGES SCHOOL GREEN TEAM REPORT](#)

Community Education & Outreach

10 Points

 Bronze Priority  Silver Priority School

Program Summary: In 2018, solar panels were installed on the roof of Three Bridges School. Construction was occurring from the start of the school year in September 2017 through January 2018. The school community, parents, and the greater Readington community could see the project as it unfolded. To reach out and include families and the public in our renewable energy initiative, two opportunities were offered. The first was a district wide Solar Dedication Ceremony held on May 9, 2018. Invitations were sent out to the Readington Township Committee, Readington Green Committee, all companies involved with the solar design and installation, the district's Green Committee, all staff, and a Genesis blast was sent out inviting students and their families to attend. Students from Three Bridges School and their families were part of the ribbon cutting and dedication ceremony. The second opportunity was for education about the solar installations and how they are able to be used in the classrooms. The Energy Efficiency Coordinator, Jodi Bettermann, in partnership with the solar operator, Ameresco, offered a workshop on May 10, 2018 to staff as well as the community called Incorporating Solar into the Classroom. Please see the screenshot of the Genesis blast that was sent home to parents and is available on the district website that details this workshop.

PDF: [READINGTON SOLAR ARTICLES MAY2018](#)

IMAGE: [SOLAR CELEBRATION SCREENSHOT](#)

IMAGE: [COMMUNITY EDUCATION & OUTREACH DOCUMENTATION](#)

Green Fair

10 Points

School

Program Summary: Trash to Treasure Video <https://www.readington.k12.nj.us/site/default.aspx?PageType=3&DomainID=281&ModuleInstanceID=841&ViewID=6446EE88-D30C-497E-9316-3F8874B3E108&RenderLoc=0&FlexDataID=13336&PageID=2980> Above, please find the website to our Trash to Treasure Fair that took place in June of 2017. At Three Bridges School, our third grade students held a "Trash to Treasure Fair" as a way to educate the Kindergarten through Second Grade students as well as our community on UpCycling. Our third grade students who are well-versed at recycling, reducing and reusing learned about upcycling and how we can transform objects into something more valuable. With all their excitement they decided that they wanted to create a walking museum at our school where they would showcase the items that they had upcycled. The students created signs/posters that included key information such as the benefits of upcycling and key facts that we can do to help our environment. Our Third Grade Student Voice members were our ambassadors and lead the younger grade levels on walking tours showcasing the projects that each third grade student created. All third graders participated in this project. The ambassadors worked to educate our younger children on how recycling is important but upcycling is even better. We also invited our township officials in to see our walking museum and posted the link of our fair on our school website. This was sent out through a Genesis blast to all the families in the district. Our third grade students were very proud to be the leaders in this project and educate our community on upcycling! We did our Annual Trash to Treasure Event in June 2018. Here is the link to the video: <https://animoto.com/play/Cj9tFaxED2WSRCHgUn4nIQ> The external partner that was involved in the planning of the fair was Sorella's Pizza and Pasta located at 547 Route 22 East Whitehouse Station NJ. The owner, Ralph Barca, helped with the planning of

our Trash to Treasure Fair and allowed us to use his business to share the Trash to Treasure video that highlighted student work as well as share posters that students made on ways that we can help our environment. Attached you will find a poster that a third grade Student Voice Member created using Google Drawings that was on display at Sorella's Pizzeria.

IMAGE: [GREEN FAIR DOCUMENTATION](#)

IMAGE: [GREEN FAIR DOCUMENTATION](#)

PDF: [GREEN FAIR DOCUMENTATION](#)

PDF: [GREEN FAIR DOCUMENTATION](#)

PDF: [GREEN FAIR DOCUMENTATION](#)

IMAGE: [GREEN FAIR DOCUMENTATION](#)

"Green" Your Green Fair or School Event

10 Points

School

Program Summary: Each year, Three Bridges School hosts a Science Fair for all students kindergarten through third grade. The students choose the topics to research and design experiments. We hosted a Science Fair where we promoted "Green" projects. Those students participating in a green projects were displayed in a special area with green Balloons and banners. The students were also awarded an additional ribbon on their project. Green in color, of course. Three Bridges School partnered with the H.S.A. (Home and School Association) to absorb the costs of the ribbons and room decor. An announcement and thank you was made at the event thanking their support in promoting science and green education. The school's presentation area is too small to accommodate all the participants, so we have two nights of the fair. The evenings are divided by grade level. To conserve energy and fuel, families were encouraged to have all the children in their family present on the same evening to avoid multiple trips. We also promote carpooling with friends or neighbors and reminding everyone to bring reusable water bottles. The Science Fair was a huge success. As a Green Ribbon School, we had lots and lots of green projects including solar power, lemon power, the food chain, rocks and minerals, importance of composting, how clouds form, and tornadoes in a bottle. What a fun night! You can see all the fun by clicking on the website below. The Science Fair Video can found on our school website: <https://www.readington.k12.nj.us/Page/5994>

PDF: ['GREEN' YOUR GREEN FAIR OR SCHOOL EVENT DOCUMENTATION](#)

PDF: ['GREEN' YOUR GREEN FAIR OR SCHOOL EVENT DOCUMENTATION](#)

PDF: ['GREEN' YOUR GREEN FAIR OR SCHOOL EVENT DOCUMENTATION](#)

Green Challenges

10 Points

School

Program Summary: Although I believe the program no longer exists, Three Bridges School still continues to utilize the CLASS 5's Schools for Energy Efficiency ® (SEE) program and all of the materials we previously had submitted back in 2015. The SEE program helps K-12 schools save energy and money by changing behavior throughout a district. Savings are immediate and sustainable through their unique approach, which incorporates strategies for increasing operational efficiency as well as educating and engaging staff and students. Our See Squad consists of 3rd grade students. All 3rd grade students are allowed to participate during their

recess time. The See Squad Team meets weekly with a lead teacher. Our Green Challenge was to reduce electricity usage by 10%. During recess time, the students and teachers are responsible for turning off lights and other electronic equipment (computers and smartboards) along with closing doors to conserve energy when not in the room. Our goal is to help teachers to continue to maintain a routine when leaving the classroom that would occur throughout the day not just during lunch and recess time. The classroom students adopt a class job for the specific purpose of conserving energy. The See Squad wear name badges to identify themselves as they walk around the building looking for empty classrooms. Students place WOW stickers on classrooms with all equipment off and doors closed. Students place OOPS stickers on classrooms that left some equipment on. Students track and record data on a tracking sheet. Each month a classroom winner is announced on the morning announcements. Attached, you will find the data sheet created and maintained by our third grade Student Voice. Our program instills the importance of energy efficiency during school hours but also encourages students to educate their family members at home. Below, you will find a video link created by the teachers at Three Bridges School on ways we can help keep our planet healthy and green. The video is shown during lunch periods for all students. Students discuss ideas and ways they conserve energy and protect our planet not only at school but at home as well. <http://www.readington.k12.nj.us/domain/359> A results poster showing the energy reduction is posted in the school and gives energy results by quarter. During the school year, Three Bridges School reduced its electricity usage by 18%, from October 2017 through December 2017, exceeding our 10% goal! Our SEE squad members are very proud of these results and the efforts of our entire student body and staff to conserve energy!

IMAGE: [GREEN CHALLENGES DOCUMENTATION](#)

IMAGE: [GREEN CHALLENGES DOCUMENTATION](#)

IMAGE: [GREEN CHALLENGES DOCUMENTATION](#)

PDF: [GREEN CHALLENGES DOCUMENTATION](#)

IMAGE: [GREEN CHALLENGES DOCUMENTATION](#)

PDF: [GREEN CHALLENGES DOCUMENTATION](#)

Civic & Stewardship Volunteer Initiatives

10 Points

School

Program Summary: Three Bridges School Student Voice is the school's student leadership club open to all third graders. Student Voice Members meet during recess time throughout the year. They work on projects in school, such as watering the garden, helping kindergarten and first grade students with their reading and math, as well as organizing school-wide philanthropic projects. Below are projects that the Three Bridges School Student Voice organized for our school: Care Packages for Troops - Partnering with Operation Jersey Cares our students sent care packages to our troops overseas. Items that students donated included body wash, dental floss, playing cards, beef jerky, hand sanitizer, razors, and aspirin. Third grade students also created cards for our troops to let them know that our school is thinking of them.

[http://www.nj.com/hunterdon-county-](http://www.nj.com/hunterdon-county-democrat/index.ssf/2017/12/three_bridges_school_partners_with_operation_jerse.html)

[democrat/index.ssf/2017/12/three_bridges_school_partners_with_operation_jerse.html](http://www.nj.com/hunterdon-county-democrat/index.ssf/2017/12/three_bridges_school_partners_with_operation_jerse.html) Halloween Candy Drive - Our Student Voice Members held a school-wide candy drive after Halloween. Over 325 pounds of Halloween Candy our students donated was shipped to U.S. troops via Operation Jersey Cares. The candy collection was an extension of Loew Orthodontics' annual Halloween Candy Buy Back program, which also benefits Hunterdon Outreach programs. (see attached letter from Loew Orthodontics) In December, our Student Voice Members held a PJ Drive where they collected new pajamas and new books. They worked with the Pajama Program.

<http://www.pajamaprogram.org/> All items were donated to SAFE in Hunterdon. The Three Bridges School students and teachers ended the drive with a school-wide pajama day to celebrate their

efforts. In January, Student Voice Members held a "Souper Bowl Can Drive" at our school. They collected over 500 cans of soup that was donated to the Flemington Food Pantry. Three Bridges School also participated in Jump Rope for Heart. This year our students raised over \$13,000.00 for the American Heart Association.

IMAGE: [CIVIC & STEWARDSHIP VOLUNTEER INITIATIVES DOCUMENTATION](#)

IMAGE: [CIVIC & STEWARDSHIP VOLUNTEER INITIATIVES DOCUMENTATION](#)

PDF: [CIVIC & STEWARDSHIP VOLUNTEER INITIATIVES DOCUMENTATION](#)

PDF: [CIVIC & STEWARDSHIP VOLUNTEER INITIATIVES DOCUMENTATION](#)

PDF: [CIVIC & STEWARDSHIP VOLUNTEER INITIATIVES DOCUMENTATION](#)

Enrichment Programs through Partnership

10 Points

School

Program Summary: Three Bridges School offers many enrichment activities to help the students explore activities and ideas that are interesting and exciting to them. We use this opportunity to instill our beliefs and values in to the students by providing activities to explore which will enhance their knowledge of sustainability and conservation. Sap to Syrup Activity Three Bridges School partnered with Raritan Valley Community College professor, Dr. Jay Kelly and his students to bring the students, families and teachers to the forest adjacent to the school for a an experience in tree sap tapping. The maple trees behind the school are over taking the forest. This particular maple tree is not indigenous to New Jersey; it is a European variety, and it is endangering the other trees. During the school day, all students, teachers and parent chaperones crossed the school fields to the forest to witness tree tapping, sap collection and then how the sap is turned into syrup. Attached is the email documenting the event as well as literature that was provided to the teachers prior to the excursion. Mini-Courses Our H.S.A. creates a large menu of after school courses which span interests from arts and crafts to animal care, learning about reptiles, plants and nature, basketball, etc. This is a very well attended event, 130 students attended the first week, and 141 attended the second week. The following businesses/organizations ran mini-courses at Three Bridges School: Firefly Tennis, Murray Hill Veterinary Associates, Hunterdon County Library, Hunterdon County Parks, Manchen Academy of Fencing, Gymnastics Unlimited, Zero Gravity Jump Rope, and the Readington Recreation Department. I have uploaded a spreadsheet that includes this information. Information about mini-courses was posted on the home page of our school website, sent out weekly on the Genesis Blast to the parents and the community. Families that do not have access to technology received a hard copy that was sent home through backpack mail. The HSA also shared the information on their facebook page. (See attached documentation of our school website and Genesis Blasts). The Home and School Association does provide money to the school nurse for any student that is on the Free and Reduced Lunch program. This money goes to the child for the following: book fair, school holiday shop, mini-courses, block party, and school yearbook. The nurse reported that the HSA did provide funding for one child that is on the free and reduced lunch program to attend mini-courses.

PDF: [ENRICHMENT PROGRAMS THROUGH PARTNERSHIP DOCUMENTATION](#)

IMAGE: [ENRICHMENT PROGRAMS THROUGH PARTNERSHIP DOCUMENTATION](#)

PDF: [ENRICHMENT PROGRAMS THROUGH PARTNERSHIP DOCUMENTATION](#)

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PDF: [ENRICHMENT PROGRAMS THROUGH PARTNERSHIP DOCUMENTATION](#)

Student Learning

Education for Sustainability Kindergarten

10 Points

School

Program Summary: Teachers and students at TBS focus on items which are and are not recyclable. For many of our young students this year is the first time they need need take ownership of their actions when it comes to disposing of waste. Many students know they recycle but because their parents often do this for the children, they do not know when faced with the situation themselves. The kindergarten team is determined to teach the students which items they can be recycled. The students are then required to sort their waste at school properly in the lunch and the classroom. The recycling unit of study creates good habits in the students that will last a lifetime. Hopefully, the students are able to influence the adults in their lives as well! Attached please find the updated lesson plan that includes the State's common core standards (for K) that this lesson supports. Thank you.

IMAGE: [EDUCATION FOR SUSTAINABILITY KINDERGARTEN DOCUMENTATION](#)

PDF: [EDUCATION FOR SUSTAINABILITY KINDERGARTEN DOCUMENTATION](#)

PDF: [EDUCATION FOR SUSTAINABILITY KINDERGARTEN DOCUMENTATION](#)

PDF: [EDUCATION FOR SUSTAINABILITY KINDERGARTEN DOCUMENTATION](#)

Education for Sustainability 1st Grade

10 Points

School

Program Summary: Natural resources are the raw materials supplied by nature. Everything produced, used and thrown away originates from natural resources. People cannot create natural resources. Even though we use natural resources in our daily activities, we often do not even think of them as being resources. This first grade unit focuses on creating awareness for what natures provides to us and how we we need to conserve, reduce and reuse, especially if we want resources available for the future. Having young students understand how we use natural resources and the consequences of not having them, it will provide incentive and understanding to shape their current and future decision making. Our children hold the Earth in their hands!

PDF: [EDUCATION FOR SUSTAINABILITY 1ST GRADE DOCUMENTATION](#)

PDF: [EDUCATION FOR SUSTAINABILITY 1ST GRADE DOCUMENTATION](#)

PDF: [EDUCATION FOR SUSTAINABILITY 1ST GRADE DOCUMENTATION](#)

PDF: [EDUCATION FOR SUSTAINABILITY 1ST GRADE DOCUMENTATION](#)

Education for Sustainability 2nd Grade

10 Points

School

Program Summary: Second grade at Three Bridges School focused on upcycling. The lessons reinforce the importance of being a good global citizen and making good choices when it comes to what we buy and how we reuse the items and packaging once its purpose is completed. Attached you will find the lesson and the rubric used to evaluate the group work. This project took place in April. Attached you will find pictures of student work. We have highlighted Dillon's work. He made a robot out of cans to use as decoration in his garden at home.

PDF: [EDUCATION FOR SUSTAINABILITY 2ND GRADE DOCUMENTATION](#)

PDF: [EDUCATION FOR SUSTAINABILITY 2ND GRADE DOCUMENTATION](#)

PDF: [EDUCATION FOR SUSTAINABILITY 2ND GRADE DOCUMENTATION](#)

PDF: [EDUCATION FOR SUSTAINABILITY 2ND GRADE DOCUMENTATION](#)

PDF: [EDUCATION FOR SUSTAINABILITY 2ND GRADE DOCUMENTATION](#)

PDF: [EDUCATION FOR SUSTAINABILITY 2ND GRADE DOCUMENTATION](#)

Education for Sustainability 3rd Grade

10 Points

School

Program Summary: This year, the third graders at Three Bridges School were focused on being good citizens to our planet earth. In and out of the classroom, students were challenged to take part in community programs to sustain a clean environment. Specifically, third graders focused on how they could help save water and increase environmental awareness. After watching videos and completing surveys, students planted trees, wrote essays, and only used reusable water bottles. Attached, please find two student essays showcasing these ideas. Update: I have attached the formal lesson plan that matches the writing assignment and rubric submitted.

PDF: [EDUCATION FOR SUSTAINABILITY 3RD GRADE DOCUMENTATION](#)

PDF: [EDUCATION FOR SUSTAINABILITY 3RD GRADE DOCUMENTATION](#)

PDF: [EDUCATION FOR SUSTAINABILITY 3RD GRADE DOCUMENTATION](#)

PDF: [EDUCATION FOR SUSTAINABILITY 3RD GRADE DOCUMENTATION](#)

Student and Staff Wellness

School Wellness Council

20 Points

 Bronze Priority  Silver Priority School

Program Summary: Three Bridges School has a very active Wellness Committee. This group is led by the nurse who finds amazing resources for our school and shares out her awesome ideas. This year, TBS - through the Wellness Committee, organized many events: Dental Health Month - Visit from local orthodontist, Dr. Darren Loew to teach third graders about dental health practices and importance. Hand Washing Lessons - the Nurse visited each kindergarten class and conducted a lesson on how to properly wash hands. The students were able to see how many germs were left behind by quick, inefficient washing. Anti-Bullying efforts were focused on bus behavior. The guidance counselor taught bus rules and safety at lunch and then followed up with each bus. The students signed poster contracts pledging they would follow the rules during the

school wide Week of Respect. The committee also planned Wellness Week which was established by Board Policy and crafted at the building level. We focused on exercise and Sun Safety using the free Sunbeatables program. <https://sunbeatables.org/> Sun safety lessons were taught in all classes. Give-aways were obtained from Hunterdon Medical Center for distribution, including bracelets that turn color when sunblock is needed and floppy Australian style hats. Our students were so excited to learn about sun safety they even created their own video which is available on our school website. <https://vimeo.com/247340370> We hope the efforts and teachings from TBS will help form healthy habits for the children and their families. Update: The School Health Index Assessment was completed using the Healthier Generation Assessment Tool. The process took several weeks to complete. This included evaluating current school health practices and policies in place; interviewing as well as discussing with several staff members (principal, PE teacher, guidance counselor) about the types of services and programs that are available or are currently in place. The School Wellness Committee utilized the expertise of a nutritionist from Maschio's Food Service to help complete the nutrition services portion. After completing the assessment, several areas where improvement could be made were identified. As a school, we chose to focus on staff wellness for our action plan. This included providing programs for physical activity for the staff, as well as programs offering eating healthy and weight management. The results of the SHI Assessment were shared with the school staff during a staff meeting. The programs that promoted staff health and wellness were announced at the meeting and flyers were dispersed into staff mailboxes for personal reference. Attached you will find Our School Wellness Committee Mission Statement, Members, Agenda and Minutes. We have also uploaded "Your Healthiest Self" checklists that our school nurse routinely provides to all staff members, and the faculty meeting agenda from October 2017 that highlights the presentation made by the School Wellness Council that highlights the SHI Assessment.

PDF: [SCHOOL WELLNESS COUNCIL DOCUMENTATION](#)

PDF: [SCHOOL WELLNESS COUNCIL DOCUMENTATION](#)

PDF: [SCHOOL WELLNESS COUNCIL DOCUMENTATION](#)

Programs to Promote Physical Activity

10 Points

School

Program Summary: Three Bridges School very actively and collaboratively plans events to promote physical activity. Below are examples of some of our programs to promote physical education. All students K-3 participate fully in the below activities. Jump-Rope: An after-school workshop was held on May 10, 2017 from 5:30pm to 7:45pm for our entire student body. Students had the opportunity to watch award-winning jump ropers showcase their amazing talents (one is our former Three Bridges School student, Johanna Beam) Students had the opportunity to jump rope themselves and worked to successfully single rope, long rope and double-dutch. (attached flyer) Tennis: TBS had received grants from the United States Tennis Association and the Middle States Tennis Association to create three tennis courts(10 and Under sized). Students continue to play at recess and as a unit in physical education class. A local tennis pro volunteers his time each year to offer group lessons at recess (all students received the free lessons). The Readington Recreation Program partnered with the school to offer tennis classes at low cost right after school on our courts. The firefly tennis document is attached. First Tee Program: Barclays Bank provided funding for the lesson plans and golfing equipment for a beginner program at TBS. The physical education teachers received training and then teaches golf and character ed during the students' phys ed classes. The county golf course advertised the First Tee Program at our local county golf course. Jump Rope for Heart TBS raised over \$10,000 last year by jumping rope at recess. The students learned the importance of exercise and rope jumping to keep your heart healthy. To add to the excitement, TBS has a multi-year event with Ocean Township High School. The High School's Double Dutch team does an all day workshop with our students. They have

demonstrations and lessons. This event promotes rope jumping as a fun exercise. The TBS students are quite good! Attached is an article highlighting our efforts in our local newspaper as well as page 20 of our Go Green Magazine shares information on our Jump Rope for Heart efforts. The Girls on the Run Program is also offered after school, twice a week in both the Fall and the Spring to third grade girls. All Three Bridges students and families are invited to participate in the 5K race at the end of each season. (attached documentation) Update: Attach you will find activities that take place in the classroom on a regular basis by classroom teachers as well as special area teachers that promote physical activity. Here is a link to a video of students moving and dancing to a song in Spanish Class: <https://vimeo.com/272788177> Brain breaks and other movement activities take place throughout the day. Faculty Meetings are an opportunity for teachers to share with their peers how they promote physical activities within their classroom. At Three Bridges School, we believe that physical activity throughout the day not only increase student learning, enhances concentration, boosts on-task behavior, and improves student attitudes, but it also decreases stress levels, while increasing happiness levels and therefore improves the school's overall environment.

IMAGE: [PROGRAMS TO PROMOTE PHYSICAL ACTIVITY DOCUMENTATION](#)

IMAGE: [PROGRAMS TO PROMOTE PHYSICAL ACTIVITY DOCUMENTATION](#)

IMAGE: [PROGRAMS TO PROMOTE PHYSICAL ACTIVITY DOCUMENTATION](#)

PDF: [PROGRAMS TO PROMOTE PHYSICAL ACTIVITY DOCUMENTATION](#)

PDF: [PROGRAMS TO PROMOTE PHYSICAL ACTIVITY DOCUMENTATION](#)

PDF: [PROGRAMS TO PROMOTE PHYSICAL ACTIVITY DOCUMENTATION](#)

Staff Wellness Program

10 Points

School District

Program Summary: Staff wellness is very important at TBS. We want healthy and happy staff members and therefore staff wellness is an integral part of our wellness program. The goal of our TBS Staff Wellness Program is to make staff more mindful of their health. Our Health Committee Members, which is led by our school nurse, Mrs. Armstrong, meet on a regular basis and work to promote staff health and well-being. The initial meeting in the Fall 2017, consisted of reviewing data from a staff survey on Staff Wellness. The committee looked at the results from the survey and then were able to set initiatives for the school year which included a School Health Action Plan. In the Fall 2017, a flu clinic was made available to all staff and their family members. This year, we saw an increase in enrollment. Throughout the course of the year, multiple mindfulness and exercise classes were available to all staff to participate in. This included The Max Challenge which was introduced to the staff this spring. This program was a 45 minute fitness class that offered cardiovascular and strength training, nutritional support and peer support. The school nurse and Health Committee also organized our annual Biggest Loser Weight loss staff club which lasted 8 weeks. Staff were encouraged to change their eating and/or exercising habits. 88% of our staff members participated in the club. We found that losing together and making a fun competition keeps people motivated. The school district offers exercise and nutrition classes during in-service and Teacher Academy day. (see brochure attached) Classes in Yoga, Zumba, Kickboxing, Healthy eating and the impact nutrition has on our health were offered at the February 2018 in-service. At Three Bridges School, we participate in Heart Health Month by celebrating Red Dress by making a donation and wearing red dress pins. 100% of our staff participated in Heart Health Month. The nurse routinely sends out newsletters, articles, and offers that she has received to address staying healthy while working with small children (see example of local gym offering a special for teachers to join. Our school nurse sent this to our entire faculty.) We provide many services such as Flexible Spending for health and child care (see attachment) and our health plans offer rewards for taking care of yourself. (See Amerihealth Commit2Wellness Rewards attached). As a school, we believe in and promote health and wellness

as a form of preventative healthcare. Based on the feedback we have received from our staff, the initiatives were very well received this year by our staff members and they would like to see more classes planned for next year.

IMAGE: [STAFF WELLNESS PROGRAM DOCUMENTATION](#)

PDF: [STAFF WELLNESS PROGRAM DOCUMENTATION](#)

IMAGE: [STAFF WELLNESS PROGRAM DOCUMENTATION](#)

PDF: [STAFF WELLNESS PROGRAM DOCUMENTATION](#)

IMAGE: [STAFF WELLNESS PROGRAM DOCUMENTATION](#)

PDF: [STAFF WELLNESS PROGRAM DOCUMENTATION](#)

Student Safety

School Travel Plan for Walking and Biking

10 Points

School

Program Summary: A committee was formed to address the lack of walking to Three Bridges School. We currently have six students who are assigned as walkers. All others are busers due to the location of the school about 550 feet off of a major highway and the lack of sidewalks along the roads that border the school. The committee has already involved the Township Committee and an agreement of need to make the area safer has been shared. The Safe Routes to School Committee will apply for a grant through NJ Safe Routes to School for the August deadline. This grant will include sidewalks along Main Street which is a county road. We have already begun the process of adding crosswalks and signage alerting drivers to pedestrians on Old York. Please read the attached plan and the goals chart at the end of the plan. We are very excited to move forward. This action has driven us to do the assessments and obtain buy-in from the police and township officials. We know this will improve walking safety and encouragement for the residents of Readington Township. The sidewalks and crosswalks will be beneficial to the safety of the school community as well as the funeral home patrons as we share parking lots for overflow parking. This action has improved conditions for our walkers already and we look forward to more improvements. The families are grateful that we are planning to provide safe routes to school!

PDF: [WALKING ROUTE SITE AND NEIGHBORHOOD MAPPS](#)

PDF: [SCHOOL TRAVEL PLAN FOR WALKING AND BIKING DOCUMENTATION](#)

PDF: [PHOTOS OF WALKING ROUTES](#)

PDF: [SCHOOL TRAVEL PLAN FOR WALKING AND BIKING DOCUMENTATION](#)

PDF: [SCHOOL TRAVEL PLAN FOR WALKING AND BIKING DOCUMENTATION](#)

PDF: [SCHOOL TRAVEL PLAN FOR WALKING AND BIKING DOCUMENTATION](#)

Waste Reduction & Recycling

Waste Audit

10 Points

🏅 Bronze Priority 🏅 Silver Priority School

Program Summary: Three Bridges School completed a waste audit in the 2017-2018 school year. This project was led and run by our Third Grade Student Voice Members. By completing a waste audit we wanted to identify and eliminate unnecessary waste and recommend alternatives for packaging and product choice at Three Bridges School. Our students completed the waste audit and educated the student body on their findings. Our goal was to educate our students to help create a sustainable environment for future generations. We had so many pictures from our waste audit that we put them into a video. Here is the link to the video: <https://animoto.com/play/IEQb19HIBTPPhV26JtQLYQ> This project began in September when our third grade students went around to every classroom at the end of the day to complete a classroom observation of trash cans and recycling bins. They identified the number of recycling bins that were found in each classroom as well as the number of trash bins found in each class. They also identified if each class had proper signage explaining what goes in the recycling bin and what exactly goes in the trash bin. Posters were created for classrooms that did not have proper signage. (please see attached spreadsheet from September 2017) Next, our school did a 2 part waste audit. The first part took place in the lunch room where Student Voice Waste Auditors completed inventory control sheets at each table identifying items that were brought in or used at lunch. They recorded the information on the sheets (see attached) and examined the data. As they calculated the totals it was very interesting to hear their conversation. Many students commented that they could not believe that their school had so much garbage created in just one day. The third grade students analyzed the data and created a slideshow (see attached) which was presented to the building principal, shared during lunch periods to the entire student body and staff, and shared with Maschio's Food Service. The slideshow included the calculated totals of items, and suggested ways to reduce waste in the lunchroom. The second part of our waste audit took place in the classroom. Two days worth of waste in the classroom was sorted and weighed on our stage in the cafeteria. Parent permission slips were sent out to second and third grade students inviting them to participate. A parent donated 6 gallon containers for students to use to calculate weight and volume of waste. From the waste audit we determined that 1/2 of our waste at school is paper. We had 12.8 pounds of paper (36 gallons) which was accumulated in two days. This is a lot of paper! The results of the waste audit were presented by our third grade students to our building principal, our TBS staff and entire student body through a slide show. (see attached). We discussed ways that we can work together to help reduce paper use at school. The Waste or Source Reduction Tracking Section of this application highlights how we reduced our paper waste. Using Google Classroom, Google Drive, setting the copier to double-sided and having approval to copy items by the building principal are a few ways we helped to reduce paper waste at our school. This year was the first year that our school has ever completed a waste audit. It had a huge impact on all of us, especially our students. We didn't realize how much waste we were accumulating and worked hard to help educate our community on how we can reduce waste and create a sustainable environment for future generations..

PDF: [WASTE AUDIT DOCUMENTATION](#)

PDF: [WASTE AUDIT DOCUMENTATION](#)

PDF: [WASTE AUDIT DOCUMENTATION](#)

PDF: [WASTE AUDIT DOCUMENTATION](#)

Food Waste Recycling or Composting

15 Points

School

Program Summary: Three Bridges School has a self-run composting program. The workers are

the students, teachers and parent volunteers. We started in the fall of 2013 as composting novices. We now are quite adept at making great compost to fertilize our school garden. Students bring uneaten fruit, vegetables - their peels and cores - and coffee grounds (from the teachers :)) Each classroom has a bucket to collect compostable items from snack time and the lunch room has a blue bin marked compost to collect the items. The students sort their lunch waste for landfill, recyclable and compost. A student, with adult supervision, brings the compost out and turns the compost drum. We have two compost drums. The compost when ready is used to fertilize our gardens. As we create more and more compost, the parent volunteers take our compost after we use what we need. At Three Bridges School we have A Go Green Tiger Team that is comprised of Third Grade Student Voice Members. These students come to the Kindergarten, First Grade and Second Grade lunches and work with the younger students on helping them with composting and recycling. The Go Green Tiger Team is their to help answer any questions that the children have and help them properly compost and recycle. They love this! I have attached a picture of one our Go Green Tiger Team Members with the compost bin that is used at lunch. He then brings the bin to the tumbler outside near our school garden. Our members wear a green wristband when they are working :) I have also attached our Green Magazine where page 8 highlights our Composting efforts.

PDF: [FOOD WASTE MANAGEMENT DOCUMENTATION](#)

IMAGE: [FOOD WASTE MANAGEMENT DOCUMENTATION](#)

IMAGE: [FOOD WASTE MANAGEMENT DOCUMENTATION](#)

IMAGE: [FOOD WASTE MANAGEMENT DOCUMENTATION](#)

Materials Reuse

10 Points

School

Program Summary: Action1 Book Swap Description of Implementation Three Bridges School holds a Book Swap to promote the reuse of books. This action was designed for the student body, with an overall goal of having students obtain “new-to-them” reading material for the coming summer months. Students brought in books from home to swap for other books that they can read over the summer. No need to buy new ones! Just swap them! The program was initiated by the School Librarian. The goal was accomplished by first advertising the Book Swap. Notices were distributed electronically using the school’s weekly eBlast and posters were hung in all classrooms. The Librarian used instruction time to describe the swap to all classes and related the information to teachers so that it could be reinforced in the classroom. The students were given prior notice to collect their books for the swap. Students were informed that one book from what they brought in would be donated to children in need. Students were given time to “shop” during their library period for the designated number of books that they could take back home. We have been doing the Book Swap for several years now and each year the number of students that participate increases. Our students look forward to this end of the school year event. Last year, we had 250 students in our school and all students took a book home with them. Most students bring in multiple books. This allows us to give a book to a student who might not have brought in a book. We are proud that 100% of our student population participate in this event and leave with a book to read over the summer. Any leftover books are then donated to SAFE in Hunterdon which helps children in need. We also include older books from the library that may have some type of damage but are still great to read. This helps us weed out our library books and it also helps with building our inventory for the Book SWAP. It is a Win-Win for everyone! Attached you will find a picture from the book swap as well as our TBS Green Magazine. Page 26 of the magazine highlights our Book Swap.

IMAGE: [MATERIALS REUSE DOCUMENTATION](#)

PDF: [MATERIALS REUSE DOCUMENTATION](#)

Recycling Non-Mandated Materials

10 Points

School

Program Summary: Action 1 Terracycle Three Bridges School utilizes Terracycle. We are signed up for the TerraCycle Personal Care and Beauty Brigade. We collect empty hair care, skincare, and cosmetic product packaging. TBS also participates in the TerraCycle Lil' Bites wrapper recycling program. Students put their Lil' Bites wrappers in a bin and our Third Grade Student Voice Members work to box them up and ship them back to TerraCycle. In the fall of 2017, Entemann's Little Bites held a contest where our school was the grand prize winner! I have attached a picture of the collection bin that we created using a Halloween theme. As the grand prize winner, we earned 25,000 TerraCycle points for our school. Our school was extremely excited about our achievement. I have attached pictures as documentation as well as our Green Magazine where you will find our TerraCycle information on pages 4 and 5. Action 2 At Three Bridges School, we use HP Planet Partners to return our recycled ink cartridges. All of our recycled ink is sent back to Cartridge Return Center. The shipping label is in the box and it really is an easy process. Teachers simply take out the new ink and put the old ink back in the box. They place the shipping label on the box and UPS picks it up when they are delivering items to our school. The ink is sent to Cartridge Return Center Gloucester Business Park Route 17 Gloucester, VA 23061 3767 I have attached a picture of this as well as the directions that are provided on returning the recycled ink cartridge. Action #3 The Readington Twp. Schools H.S.A. holds several clothing drives a year. The drives are well publicized and the organization earns money per pound of items (clothing, shoes, coats, linens). The total for last year's clothing drive for the district was \$3442.00 Attached you will find the flyer for the Clothing Drive that took place September 25th to the 30th of 2017. We have also uploaded a letter from our building principal, Mrs. Kristen Higgins, verifying that we participate in the HP Planet Partner recycling program. 100% of the school ink at Three Bridges School is recycled. The secretary at our school will not give out a new ink cartridge without receiving the used cartridge for recycling.

IMAGE: [RECYCLING NON-MANDATED MATERIALS DOCUMENTATION](#)

IMAGE: [RECYCLING NON-MANDATED MATERIALS DOCUMENTATION](#)

PDF: [RECYCLING NON-MANDATED MATERIALS DOCUMENTATION](#)

IMAGE: [RECYCLING NON-MANDATED MATERIALS DOCUMENTATION](#)

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