



Sustainable Jersey for Schools Certification Report

This is the Sustainable Jersey for Schools Certification Report of Long Branch High School (Monmouth), a Sustainable Jersey for Schools silver certified applicant.

Long Branch High School (Monmouth) was certified on August 21, 2023 with 455 points. Listed below is information regarding Long Branch High School (Monmouth)'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 Long Branch High School (Monmouth) is:

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Actions Implemented

Each approved action and supporting documentation for which Long Branch High School (Monmouth) was approved for in 2023 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

District Sustainability Policy

10 Points

🥉 Bronze Priority 🥈 Silver Priority District

Program Summary: The board of education recognizes that responsible environmental stewardship is an integral part of its mission in ensuring that schools are well run. The board supports conservation and sustainable planning and operations, and shall endeavor to implement green initiatives in all day-to-day district operations. Sustainability is defined as meeting the needs of the present while not compromising the future. The board recognizes that sustainability through the adoption of green initiatives in all day-to-day district operations will only succeed with the cooperation and support of the board, the students, the parents/guardians and the community. The district shall endeavor to engage all members of the school community in the conservation and green initiatives of the district. The board directs the chief school administrator or his or her designee(s) to oversee the districts programs for conservation and green initiative including but not limited energy efficient practices, recycling, sustainable programs and business practices within the district, environmental assessments, green construction within school facilities, and education and training programs for students, staff and the community.

PDF: [SUSTAINABILITY POLICY ON WEBSITE.PDF](#)

PDF: [DISTRICT SUSTAINABILITY POLICY ADOPTED BY THE BOARD JANUARY 2018 - REVISED JUNE 2022.PDF](#)

IMAGE: [DISTRICT SUSTAINABILITY POLICY SHARED WITH DISTRICT AND COMMUNITY VIA SOCIAL MEDIA.PNG](#)

PDF: [PROGRESS IN IMPLEMENTING POLICY GOALS OUTREACH.PDF](#)

Professional Development for Sustainability

20 Points

🥉 Bronze Priority 🥈 Silver Priority School District

Program Summary: The Long Branch Public Schools encourage employees to attend professional development opportunities relating to Sustainability Education. This year, notable PD Opportunities came from SJS, NJSBA, Subject to Climate, and TCNJ. Green Team members from each school also independently attend other sustainability-related training opportunities including the many Sustainable Jersey webinars throughout the year.

Green Enhancement of District Strategic Plans

10 Points

District

Program Summary: The Long Branch Public Schools strive to promote a culture of Sustainability throughout the entire district. As such, we have updated our strategic plan to reflect the skill set and tools our students will need to become active contributing members in communities where climate change is at the forefront of global problems that must be addresses and solved. These skill sets include • Social & Emotional Learning • Programs, Pathways & Proficiency • Diversity, Equity & Inclusion (DEI) • Communication • Student Life | Life Skills • Portrait of a Graduate In addition the mission and vision of the district have been updated to reflect our commitment in celebrating diversity and embracing uniqueness, all while the LBPS family strives to educate, develop and support every student to become successful community members in a rapidly changing world. LBPS seeks to empower our students socially, emotionally, and academically for life and career in an inclusive, dynamic and innovative learning environment from PreK thru 12th grade and beyond. Strategic Plan location on the district Website: <https://www.longbranch.k12.nj.us/Domain/4> Video Supporting the adoption of the Strategic Plan: <https://drive.google.com/file/d/1J4QiOUgc-HhBGtyBo39aWMcPHxBWmEIG/view?ts=610150d0>

PDF: [5 YEAR STRATEGIC PLAN](#)

PDF: [BOARD PRESENTATION OF STRATEGIC PLAN](#)

School Community Asset Mapping

10 Points

School District

Program Summary: The Long Branch Public Schools District with the help of students, teachers, administrators, and community partners have continued to develop a community asset map to identify community places that make our city a great place to live, work and play. The asset map was shared with the community and staff via social media, e-mail and posted on the district website under the district's sustainability tab. Students will continue to grow and develop this map to include additional places of interest in our community. Access our map here:

<https://www.google.com/maps/search/Long+branch+school+district+community+asset+map/@40.2935587,-74.019636,14z/data=!3m1!4b1>

IMAGE: [SCHOOL COMMUNITY ASSET PUBLICITY](#)

PDF: [SCHOOL COMMUNITY ASSET MAPPING DOCUMENTATION](#)

Climate Mitigation & Renewable Energy

Buy Renewable Energy

10 Points

School District

Program Summary: Long Branch Public Schools are returning participants in the ACES consortium of purchasing renewable energy is such a positive action for the school district. First, it is a more efficient way to utilize the public school purchasing power for electricity which for a small up-charge per kWh allows the school to reduce its carbon footprint by not using fossil fuel generated electricity and we are expected to have as much as 40% renewable energy provided to us. This is another example of how the NJ Sustainable for Schools is making a difference.

PDF: [RENEWABLE ENERGY OPT-IN FORM.PDF](#)

PDF: [LETTER FROM ACES DETAILING THE CONTENTS OF THE ACES ELECTRICITY CONTRACT](#)

Onsite Renewable Generation System - Geothermal

10 Points

School

Program Summary: The Geothermal system at the Long Branch High Schools was installed at the time the HS was built by the NJSDA in 2005. The wells are located under the parking areas and ball fields adjacent to the building. The system has been fully operational since 2007 when we opened the school. GEOTHERMAL INFORMATION Number of Wells 256 Well Depth 500 ft. ea.; (128,000 ft. tot.) Number of Well Circuits - 32 Number of Wells per Circuit 8 Geothermal Pipe Size Well Size (in.) 1-1/4" Branch Size (in.) 3";2" S & R Main Size (in.) 12" Manifold Size (in.) 12" Geothermal Pipe Material Well Pipe: SDR 11 Polyethylene Branch Pipe: SDR 11 Polyethylene S & R Main Pipe: SDR 11 Polyethylene Manifold Pipe SDR 17 Polyethylene Insulation (Above Grade&in Pit) 3/4" Rubatex R-180-FS Fluid Information Fluid: Environol 2000 (23%) By Wt.) Flow (GPM): 2850 Well Field Press. Drop (ft. HD): Approximately 60 Maximum Entering Water Temp. 100°F Insulation (Above Grade&in Pit) 3/4" Rubatex R-180-FS Minimum Entering Water Temp. 30°

PDF: [HS DRAWING OF GEOTHERMAL SYSTEM SD-G1 1.PDF](#)
IMAGE: [IMAGE0000011.JPG](#)
IMAGE: [IMAGE0000021.JPG](#)
PDF: [HIGH SCHOOL GEOTHERMAL LETTER AND MAINTENANCE REPORTS](#)

Onsite Renewable Generation System - Solar

30 Points

School

Program Summary: Long Branch Public Schools installed a canopy & fix-tilt, roof mounted 965.38 kWDC photovoltaic (solar) energy generation system, operating exclusively as a Net Metering Photovoltaic Solar Electric Facility (SEF). The rooftop Solar Electric Facility is comprised of one hundred and eighty-two (182) strings each with thirteen (13) Motech MTPVp-235-MSC poly-crystalline silicon photovoltaic modules in series with a maximum nominal voltage of 600 VDC. These strings are fed through eight (8) combiner boxes with 200 amp, 600 volt integrated DC disconnects and to one (1) PVPowered 260kW, two (2) 100 kW and two (2) 35kW three-phase 480 VAC inverters. The Canopy Solar Electric Facility is comprised of one hundred and thirty-three (13) strings each with thirteen (13) Motech MTPVp-235-MSC poly-crystalline silicon photovoltaic modules in series with a maximum nominal voltage of 600 VDC. These strings are fed through twelve (12) combines boxes with 200 amp, 600 volt integrated DC disconnects and to one (1) PVPowered 260 kW and one (1) 100 kW three-phase 480 VAC inverters. There are seven (7) PVPowered inverter systems. Each inverter system consists of an Inverter Control Switch, a DC Disconnect, a PVPowered inverter, and an AC Disconnect. The three-phase AC output from each inverter is fed through three-phase 480 VAC isolation transformer within the inverter, and the output is connected to the line side of an existing Customer distribution panel via two (2) 400 amp 480 volt AC breakers, three (3) 150 amp 480 volt AC breakers and two (2) 60 amp 480 volt AC breakers through one (1) 1600 amp 480 volt AC Maine Breaker. Power from this new metering system is connected on the Customer side of a JCP&L revenue grade electric meter. The annual percentage of the school building's energy use offset by solar was 35%.

EXCEL: [HS 2021.XLSX](#)

EXCEL: [08-28-2020 LONGBRANCH BOE_FINAL AUDIT REPORT SREC ADN SOLAR COLLECTION.XLSX](#)

IMAGE: [HS GYM ROOF.JPG](#)

IMAGE: [HS ROOF W SOLAR.JPG](#)

PDF: [HS SOLAR LETTER 2021](#)

IMAGE: [HS2 SOLAR SMALL.JPG](#)

Digital Learning Leadership

District Commitment to Digital Learning

15 Points

 Bronze Priority  Silver Priority District

Program Summary: Long Branch School District has a very strong commitment to Digital Learning. The district has a diverse team of stakeholders that makes up their Executive Committee that meets monthly. In addition, each school has a team. Other artifacts uploaded for this action include support provided to our children and families with digital learning during remote learning. They include Useful Resources During School Shutdown, a survey to assess technology needs, and a schedule to prepare for remote learning. We live in a digital society, all manner of preparation for the world, work and life is our priority. Long Branch Public Schools is committed to providing all of the tools and opportunities to maximize student and educator success. This includes equitable access for our diverse population to ensure academic student growth through their virtual learning experiences. These digital learning experiences also offer social emotional learning strategies that support students, teachers and parents. Our goal is to ensure that students have access to the digital devices and tools in order to be successful both in school and at home. Flexible learning is possible through technological resources as students, staff and the community engage in authentic and personalized learning experiences

PDF: [DIGITAL SCHOOLS TECH PLAN 2021.PDF](#)

PDF: [BUDGET - 20-21 \(DIGITAL SCHOOLS\).PDF](#)

PDF: [GRADING DURING HYBRID AND VIRTUAL LEARNING .PDF](#)

PDF: [LESSON PLAN AND CURRICULAR DIGITAL LEARNING INTERGRATION EVIDENCE.PDF](#)

PDF: [LBPS_DISTRICT_COMMITMENT_TO_DIGITAL_LEARNING_SUBMISSION_FORM_FINAL](#)

District Professional Development Plan *Retires 10/31/23*

10 Points

District

Program Summary: The LBPS district admin team organized a district professional development committee to formulate the 2022/23 district professional development plan. The diverse committee met several times to collaborate on this document. The committee created goals which included activities for implementation based upon research evidence. The areas addressed in the PDP plan include but are not limited to: school safety, security, and code of student conduct, health, interscholastic athletics, educator evaluation, equity and affirmative action, special education, prevention, reading, preschool, and mentoring. Since 2017, our EdTech specialists have provided district, school-level, department-level, and personalized professional learning opportunities. In order to make this meaningful and reach

all stakeholders, they have created a district-wide technology survey to assess each professional's and student's needs. Professional learning has been provided through written documents, emails, in-person, video conferencing, and recorded tutorials. Professionals are able to contact the EdTechs through email, chat, helpdesk, and phone. In addition to internally provided professional learning.

PDF: [PD SURVEY RESULTS](#)

PDF: [DISTRICTS PD PLAN](#)

PDF: [PD SURVEY RESULTS GRAPH VIEW](#)

Digital Learning Practices

Digital Citizenship

10 Points

 Bronze Priority  Silver Priority District

Program Summary: As we continue to integrate more technology into our schools, the Long Branch School District recognizes the importance of teaching and instilling good Digital Citizenship. Teachers/Media Specialists use the curriculum from Common Sense Media. In addition, the ISTE standards for Digital Citizenship is an important guide that is reviewed often by both administrators and educators. These resources combined, allow our educators to guide our students to make sound choices and to develop a positive digital footprint. Virtual PD on Digital Citizenship continues to be offered to the staff, and a more personalized PD on how to become a Common Sense Educator has been provided to the Media Specialists in our district. Our Media Specialists and our EdTech Specialists work together to reach out to as many students and teachers by providing lessons for grades K-12, updating the Digital Citizenship page on our district's EdTech site, and through ongoing conversations.

PDF: [SAMPLE COMMON SENSE EDUCATOR PLAN AAA](#)

PDF: [SAMPLE COMMON SENSE EDUCATOR PLAN GLC](#)

PDF: [EVIDENCE OF STUDENT WORK LESSON PLANS AND CERTIFICATIONS.](#)

Digital Technology Access

Data Safety and Security Policy

10 Points

District

Program Summary: Long Branch Public Schools maintains several committees in key areas which include board members, administrators and specifically identified personnel. (Note: In this case, as it pertains to Data Safety and Security, the Technology Team is involved in identifying and explaining pertinent aspects.) To properly address policy, the Governance Committee meets quarterly to write, remove and/or revise the policies for the district. Once a structure has been created and agreed upon, drafts are released to the Leadership Team for further input and review. Once the verbiage is decided upon, the policy is presented to the district's attorneys for approval. Upon completion, the policy is adopted into board policy at a board meeting and presented to the staff. Long Branch Public Schools continues to have several key factors in place to assure our digital information is protected... The district has 2 firewalls in place that assure all internal data is protected from outside sources. The district has 2 Proxy Filters in place that assure all staff and students are filtered while browsing the Internet in accordance with our district policy. The district installs and maintains a full Enterprise Endpoint Solution for Antivirus on all servers and computers. The district maintains extensive network and user policies to assure users only have access to data that they are permitted to see. The district maintains strict password policies that have a set length/strength with a time period for password changes. If LBPS uses a vendor to house data, i.e. a cloud-based program for student information, a formal review and questionnaire is provided to assure the company properly protects our data and follows guidelines to keep it private. Additionally, we continue to provide opportunities for leadership and staff to participate in data safety/security simulations. Attached is a simulation that we modified and used again from <https://studentprivacy.ed.gov/> to make relevant to various offices and departments. Comprehensive Technology Policies and Regulations remain the same.

PDF: [COMPREHENSIVE TECHNOLOGY POLICIES AND REGULATIONS.PDF](#)

PDF: [DATA SECURITY EVIDENCE TECHNOLOGY PAGE.PDF](#)

PDF: [DATA SECURITY SCREEN SHOTS](#)

PDF: [DATA SECURITY SIMULATION](#)

PDF: [DATA SECURITY EVIDENCE TECHNOLOGY PAGE](#)

Digital Device Life Cycle Management

10 Points

District

Program Summary: As more and more technology entered into schools, Long Branch Public Schools identified a need for properly managing not only in production technology but end-of-life / end-of-usability technology as well. As such, the Technology Team deployed

software to track our equipment and worked closely with the Business Department to develop specific criteria that would trigger disposal of equipment that was no longer in use. Using these criteria as our guiding factor, equipment is evaluated regularly and discussed bi-weekly at Operations Meetings with administration as well as quarterly with the Operations Committee which has board members included. Inventory is of utmost importance. Keeping track of, and being able to manage software, laptops, tablets, Chromebooks, etc. is a huge priority to assure we can properly manage and maintain all of our equipment. Using a suite that PDQ offers, we currently run PDQ Inventory and PDQ Deploy. These 2 pieces of software allow for us to both track our networked computers, laptops etc. as well as deploy software to them through pushes & schedules on an individual and/or mass basis. It also allows us to pull detailed information on any device. Again, thinking progressively and adapting to the rigorous demands of the Technology field, Long Branch Public Schools has created a position for an Inventory Technician. While having a full technical skillset with the ability to perform daily break/fix duties, this technician has been in the field and understands the needs of our department. Pairing him with an office area inside of Tech center has allowed us to use this amazing resource to gather quotes and keep track of inventory such as projector bulbs, solid state drives, network wires, etc. (things that are not connected to the network). We have a full suite which houses most of our employees (the network team has a separate office a few doors down) that has personal space, locked storage, shelving units and filing cabinets. The person in this position keeps the storage areas clean and organized so our techs can quickly and efficiently find anything that is needed. Designated areas are always labeled and stocked appropriately. The resources are reviewed by the inventory technician on a daily basis and he contacts various vendors to supply the Head of Technical Services with the lowest quotes. The quotes are then reviewed and submitted to the Technology Director with written explanations for purchasing.

IMAGE: [CHROMEBOOK.JPG](#)

PDF: [INVENTORY MANAGEMENT SOLUTION](#)

IMAGE: [OHS.JPG](#)

PDF: [DECOMMISSIONING AND RECYCLING PLAN](#)

Infrastructure

10 Points

District

Program Summary: For FY2022 we will be replacing our 2 district firewalls and our 2 district web gateways. A perfect example of our process is shown by the measures we took before deciding upon the equipment to purchase. A direct call to a manufacturer, which involved a representative and an engineer, allowed us to choose the proper firewalls for our environment. With their recommendation after an extensive conversation being a direct upgrade of our current equipment, it was apparent there was no need to look elsewhere as it is a proven solution without any benefit to changing the product line and/or brand. On the other hand, while we were evaluating our web gateways, we addressed a few of issues and concerns of our current product by involving multiple vendors and demoing their product and/or speaking with Technology Departments of other school districts. After extensive research and conversations, it was decided that a full hardware replacement would best suit our needs while maintaining the same manufacturer of the software but upgrading to a newer version.

PDF: [DISASTER RECOVER - NIST FRAMEWORK.PDF](#)

PDF: [VETTING NETWORK EQUIPMENT.PDF](#)

PDF: [INTERNET ACCESS SATISFACTION SURVEY INSTRUMENT.PDF](#)

PDF: [INTERNET ACCESS SATISFACTION SURVEY - 2021 \(RESPONSES\).PDF](#)

PDF: [INTERNET SATISFACTION SUMMARY AND AREAS IN NEED OF IMPROVEMENT.PDF](#)

Support for Digital Teaching and Learning

20 Points

District

Program Summary: Long Branch Public Schools (LBPS) has had strong supports for digital teaching and learning in place for many years now. Of course as technology has evolved, so have our teaching practices and supports. The challenge of opening up the use of new and exciting hardware or software is balancing the benefits and potential risks. LBPS has ensured supports are highly available and timely in their response. Whether it is the fundamentals of maintaining functional hardware and software implementations or if it is supporting the use of technology during classroom instruction, LBPS has made supporting staff and students a priority. LBPS remains committed to this goal by providing EdTech specialists who can provide large group, small group, or individualized on-demand technology training. This year, LBPS has invested in providing staff with better control over students' use of technology while also improving the safety by purchasing (after a successful pilot) the GoGuardian monitoring service. Teachers and administrators are grateful to more control and improved data regarding student technology use and online learning. Annually, we survey all stakeholders with regard to their satisfaction with LBPS' technology. With the help of the bilingual department and the newly-founded Department of Equity and Inclusion, we developed a multilingual web app to deliver language-specific versions of the satisfaction survey. Find the web app here:

<https://surveys.edtechwave.com/> As part of our annual reflection and planning, a district committee reviews the survey data to find areas in need of support. To support all stakeholders with their use of technology, we developed and deployed a custom web site and newsletter: <https://edtechwave.com/>. Further technology resources can be found here: <https://www.longbranch.k12.nj.us/Domain/87>

PDF: [3-TECHNOLOGY-SATISFACTION-SURVEY.PDF](#)

PDF: [2-SERVICE-LEVEL-AGREEMENTS.PDF](#)

PDF: [SUPPORT FOR DIGITAL LEARNING LINKS](#)

Diversity & Equity

Accessible Communications

10 Points

School District

Program Summary: The Long Branch Public School District is committed to providing on-going communication to both our schools and the local community. It is our priority to provide all communications based on our dynamic demographics by using a variety of methods and ALWAYS in multiple languages (English, Spanish, and Portuguese). Throughout the school year, we invite families and community members to attend a variety of extra-curricular, sports, and academic events. We also use many platforms to communicate important information to our school community. Our district webpage has the option for visitors to view its contents in their native language. We also provide district-level video updates to families in our community, these video updates are posted on YouTube, Facebook, Instagram, and Twitter. Our YouTube channel has over 1,100 subscribers, this platform allows us to upload a transcript for each video update - - providing parents with Spanish and Portuguese captions. We also have created a short tutorial showing parents how to enable video captions. Emails, flyers, phone calls, invitations (via. US Mail), auto-dial calls through Blackboard connect, and applications such as, Class Dojo or Remind, are also provided in all three languages. The district has several policies helping to ensure effective communication including # 9200 Parent communication and #5420 Reporting of pupil progress. With every student registration packet, we include a guide to help parents navigate the various levels of our school system. Our "School to Home Communication" options menu is a place where we display the various methods of communication available to parents, allowing them to choose which one works for them. Finally, the district is constantly putting additional communication items in place on an 'as-needed basis.' An example of this is our District COVID-19 Dashboard which provides transparency about our school community health data, as well, as our Covid-19 Video Updates Playlist, and information about 'GRAB and GO' school meals, all which can be found on our District Homepage.

PDF: [DEMOGRAPHICS DATA](#)

PDF: [ACCESSIBLE COMMUNICATIONS SAMPLES](#)

PDF: [COMMUNICATIONS PLATFORMS SUMMARY](#)

PDF: [NAVIGATING YOUR SCHOOL SYSTEM](#)

PDF: [VIDEO CAPTIONS TUTORIAL](#)

WORD: [COMMUNICATIONS POLICY](#)

Energy Efficiency

Energy Efficiency for School Facilities

30 Points

 Bronze Priority  Silver Priority School District

Program Summary: Long Branch Public Schools engaged in an Energy Savings Improvement Plan (ESIP) costing nearly \$10 Million dollars. The project completed in June 2019 so we submitted comparison data from 2018-2019 and 2019-2020. Due to change of schedules with COVID we are not submitting data from 2020-2021 since the schools were used less during that time. The project involved lighting and HVAC activities. The first level was to replace every light fixture and upgrade to an LED bulb or fixture across all buildings. The HVAC work was much more involved. At Morris Ave we replaced original unit ventilators, boilers and a 15 year old Chiller and added Building Mgt controls. At Lenna Conrow we replaced two boilers including one steam boiler and original unit ventilators and added building management controls. At Audrey W Clark School we replaced original boilers and unit ventilators and added building management controls. At JMF we replaced some Roof Top Units (RTU). And finally, the HS saw a 33% decrease in costs by replacing the RTUS at the Gyms, Auditorium, and cafeteria at a cost of nearly \$1 MM. The High School School has experienced a 33.8% reduction in utility costs. As demonstrated in the EUI spreadsheet, the district as a whole achieved 16.6% energy savings.

PDF: [ENERGY AUDIT](#)

PDF: [LGEA AUDIT REPORT - LONG BRANCH BOE - LONG BRANCH HS FINAL 10-27-17.PDF](#)

PDF: [HS TOT 33 REPORT-06-YEAR-OVER-YEAR COMPARISON \(38\).PDF](#)

EXCEL: [EUI_CALCULATOR_FOR_ENERGY_EFFICIENCY_FOR_SCHOOL_FACILITIES_03.18.19 \(2\).XLSX](#)

Food & Nutrition

Promote Locally Grown Foods

10 Points

School District

Program Summary: Our Food service program continues to be committed to providing and promoting locally grown foods. We provide locally grown food samples on a monthly basis to students during lunch time with special recipes. We also promote yearly chef competitions with healthy recipes. Long Branch purchases local foods through the USDA Fresh Fruit and Vegetable Program and our efforts to provide the most nutritious foods to our students along with food education and awareness has been recognized at both the national and local level. The Long Branch Schools contracts with Sodexo for our food programs in the schools. The attached invoices show the locally sourced produce purchased by them and delivered to our Middle School, (Sodexo's main location in our district). The produce is then taken to all our schools: LWC, MA, JMF, Gregory, Anastasia, GLC, Middle School, High School and the Alternative Academy (AWC

School). As seen in the attached school menus, we have also began to indicate which menu items are sourced locally.

PDF: [MENUS AND NEWSLETTERS](#)

PDF: [INVOICES AND VOUCHERS](#)

PDF: [LOCALLY GROWN FOOD OVERVIEW LETTER OF PARTICIPATIONS](#)

Green Cleaning

Green Cleaning Policy & Plan

10 Points

School District

Program Summary: A proactive plan started by the district's green team several years ago, replaced several harmful cleaning chemicals being used to clean the buildings. There are now no other options for cleaning in our buildings without using approved green products. The Long Branch Public Schools are committed to using green supplies and practices as it relates to our district green cleaning plan. Now an all-purpose peroxide based cleaner that provides for 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. 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 district had a solid and effective cleaning plan in place, but it has been refined, and by continually improving cleanliness, health of occupants, and further lowering costs will continue to have a positive impact for students, staff, and the community who use our buildings.

PDF: [LETTER SENT TO STAFF.PDF](#)

PDF: [POLICY 7461 DISTRICT SUSTAINABILITY.PDF](#)

PDF: [LBPS UPDATED GREEN CLEANING PLAN](#)

PDF: [POLICY 7660 CONSERVATION, SUSTAINABILITY AND GREEN INITIATIVES.PDF](#)

Green Cleaning Equipment

10 Points

School District

Program Summary: Long Branch has purchased Green Cleaning machines as we purchase new or replacement machines. Green cleaning equipment is just part of the district's 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.

PDF: [SBA GREEN EQUIPMENT LETTER](#)

Green Cleaning Supplies

10 Points

School District

Program Summary: Long Branch Public Schools started only purchasing green cleaning supplies in July of 2015. Our cleaning products are green and our paper products support our sustainability efforts. The Green Cleaning and purchasing efforts have shown a difference with the staff through cleaning - as they are simpler and easier to utilize. In the past, we ordered different cleaners for various surfaces. The staff needed more time to clean in order to change product and were inefficient. Product would sit on a shelf because there were too many items to track. The new system has two main items for cleaning thereby eliminating waste. We are utilizing the remaining supplies in one of the buildings until they are depleted, then the entire district will be cleaned with green supplies. As we progress, we add more and more purchases to our Green Cleaning List!

PDF: [GREEN CLEANING SUPPLIES LETTER FROM SBA WITH LIST](#)

PDF: [LBPS GREEN CLEANING POLICY 7423.PDF](#)

PDF: [GREEN CLEANING SUPPLIES PURCHASE ORDERS](#)

PDF: [GREEN CLEANING SUPPLIES LIST ONLY](#)

Green Purchasing

Green Purchasing Policy

10 Points

 Bronze Priority  Silver Priority District

Program Summary: The Long Branch School District is dedicated to decreasing our footprint while increasing our sustainability and community awareness of conservation. A large step for this goal is to include the awareness of sustainability and conservation in all aspects of the district including purchasing. In June of 2015 the board adopted a green initiatives policy that includes green purchasing considerations whenever fiscally responsibility allows. The policy is posted in the board minutes for everyone to read. All District policies are also posted on the school website in a searchable database providing access to all staff and the community. Finally - We are already purchasing sustainable and energy smart appliances and equipment throughout the district! **Updated 1/3/22- The active policy can be found on our website using the link here: <https://www.straussesmay.com/seportal/Public/DistrictPolicy.aspx?policyid=7660&id=b50ce4ebbb5f451db593dc1acdca7f47> and at this address in the District Sustainability Policy: <https://www.straussesmay.com/seportal/Public/DistrictPolicy.aspx?policyid=7461&id=b50ce4ebbb5f451db593dc1acdca7f47>

PDF: [LETTER SENT TO STAFF.PDF](#)

PDF: [DISTRICT SUSTAINABILITY POLICY 7660.PDF](#)

PDF: [POLICY 7461 DISTRICT SUSTAINABILITY.PDF](#)

Healthy School Environments

Access to Healthy Water in Schools

20 Points

School

Program Summary: This year, Long Branch Public Schools continued to implement their Lead Water testing plan per the Department of Education lead testing regulations N.J.A.C. 6A:26-12.4, with additional definitions at 6A:26-1.2. We developed water inventories, filter inventories, plumbing layouts and assessments in our schools. We sent announcement letters regarding the testing to the community, families, staff and students and performed the tests on 450 outlets across the district during the month of April with assistance from an outside agency. 17 outlets were designated above the limits. We sent letters to 6 schools affected within 24 hours of receiving the results. We also hung signs indicating the outlets were not suitable for drinking. Also, we believed those outlets were either shut off or had low usage and not properly flushed the evening prior to the testing. So, we retested in May, there were 4 outlets that failed at first but passed on the second flush which dictates replacement of fixtures as per the guidelines. We followed the regulations by appointing Project Manager which prepared all the paperwork and Project Officers who performed the water inventories and were also present during the water tests. We also posted all of the results and inventories and profiles online on our district website. Finally, we prepared a Quality Assurance Plan which is also posted on our website. <http://www.longbranch.k12.nj.us/Page/16156> Additional documentation is available at the above district page including the Sampling plans for all locations. In addition the letters sent home for results are found here <https://www.longbranch.k12.nj.us/site/handlers/filedownload.ashx?moduleinstanceid=20559&dataid=17201&FileName=AWC%20GLC%20HT%20Hs%20MS%20LWC%20MA%20Result%20Letters.pdf>

PDF: [POLICY](#)

PDF: [LETTER](#)

PDF: [RESULTS](#)

PDF: [RESULTS RERUN](#)

IMAGE: [IMG_5868.JPG](#)

PDF: [TESTING RESULTS LETTER TO FAMILIES](#)

Anti-Idling Education & Enforcement

10 Points

School District

Program Summary: As part of our district sustainability policy, the Long Branch Public Schools has implemented idling regulations at each of our 9 schools and our District Office. The policy has been posted on the website and shared with all district families and staff. In addition to making our school community aware of our anti-idling policy, this year we have installed 10 No Idling Zone Signs in both English and Spanish in front of each building. School busses in-district are regularly monitored for idling and fuel use. Our school bus drivers not only attend regular trainings regarding cutting down idling, but they also use the newest buses for the longest routes. Recently, we have published an Anti-Idling Public Service Announcement starring our students. This video was publicized through social media and our local broadcast channel. Moreover, we have adopted a No-Idling resolution for schools, sent parents no-idling information packets and asked parents and staff members to commit and pledge to be "Idle-Free in LB". PSA Can be found here: <https://www.youtube.com/watch?v=P5rj1ypuB0Q>

PDF: [LETTER FROM LBPS TRANSPORTATION RE: IDLING](#)

PDF: [EMAIL WITH ATTACHMENTS SENT TO PARENTS & STAFF](#)

PDF: [LBPS SCHOOL BUS DRIVER TRAINING PACKET](#)

PDF: [LBPS ANTI-IDLING POLICY](#)

PDF: [ANTI-IDLING RESOLUTION ON BOARD AGENDA](#)

Outdoor Air Quality Awareness Program

10 Points

School District

Program Summary: Understanding the importance of breathing healthy air, the Long Branch Public School district has continued implementing the outdoor air quality program as modeled by www.airnow.gov in each of our 9 schools for the 2022-23 school year. At all schools, this program allows for both our students and staff to not only understand the importance of healthy air quality but the appropriate activities that are promoted for a healthy lifestyle in each of these air quality categories. Representative of the outdoor air quality, these flags set the standard for outdoor activity in each building. Administrators, staff, and students have learned about the importance of the program and the significance of each of the flag colors. The nursing department is sharing the responsibility of informing teachers of climate sensitive students. The program influences each of our students through participation in Physical Education Classes and recess activities, as well as after school and athletic sports programs. Each building has set aside designated indoor areas when necessary to allow for the continuation of gross motor play and practice. Flags are coordinated daily based on the information displayed on the widget provided by airnow.gov displayed on our district webpage and daily emails received by administrators, and educators in each building. Staff and students are made aware of these levels as they enter through lobbies in each building or walking by the flag poles. The protocols from previous years remain in place.

WORD: [OUTDOOR AIR QUALITY AWARENESS PROGRAM PROTOCOL](#)

PDF: [PHOTOS AND DOCUMENTATION](#)

PDF: [OUTDOOR AIR QUALITY PHOTOS](#)

PDF: [LETTERS TO FAMILIES OUTDOOR AIR QUALITY](#)

PDF: [DISTRICT PARTICIPATION LETTER](#)

Radon Testing, Education and Mitigation

10 Points

School

Program Summary: Our district continues to test Radon as a condition of providing a healthy environment for our students and staff. We last performed our test in April of 2022.. No radon remediation was required at Audrey W. Clark. All of our radon testing was completed by a fully licensed and certified company for testing as well as remediation. We received a grant from the DEp that covered 100% of the testing costs. All floor plans remain the same all results are shared with the community and can be found on the following district website, <https://www.longbranch.k12.nj.us/Page/6399>.

PDF: [RADON TESTING RESULTS LBHS](#)

Innovation Projects

Innovative Project #1

10 Points

School District

Program Summary: This year, the Long Branch Public School District has taken an innovative approach to Professional Development. In order to promote and adopt a culture of innovation and sustainability throughout the district, we have embraced an online based, peer-to-peer green approach to professional teaching and learning for all faculty and staff. Individualized learning has never been so exciting and readily available to our staff. By creating an online platform to house all our peer-to-peer sessions, the district has completed eliminated the need for paper handouts during PD days and we are now able to reach each staff member right in their classroom, office or home without the need for them to travel to another location. Now, nearly 1,000 staff members can learn remotely and have options and flexibility when it comes to their professional growth. The process begins by putting out a call for presenters to our staff. After submissions have been received, a selection committee comprised of teachers and administrators will review the proposed session and our approved presenters will begin creating their video sessions. The final result is a 15-20 min video that is made available to all staff members to watch during our dedicated PD days and of course, they can always revisit the material and explore other sessions at any time from anywhere! On Friday, January 26, 2018, we were able to kick off our Future Ready Virtual PD Summit with over 40 individual sessions to our staff! Our second virtual PD day took place on March 23, 2018 and brought a new round of presenters from every school and exciting all new sessions to explore. As a commitment to our innovative approach to individualized professional development, we are continuing the effort throughout the Summer with a virtual book study discussion held live through Zoom, a live video platform we've been using for the past 3 years for meetings and conferences. For more information on how our Virtual Summit PD days work, please review the attached emails, list of session offerings and screenshots.

PDF: [JANUARY VIRTUAL PD SUMMIT](#)

PDF: [MARCH VIRTUAL PD SUMMIT](#)

PDF: [MARCH PD SUMMIT WEBSITE SCREENSHOTS](#)

IMAGE: [STAFF VIRTUAL BOOK STUDY 2018: SUMMER READING PD](#)

PDF: [TWITTER #FRS18LB AND #FRS18LB2](#)

Learning Environment

All Arts Disciplines Offered

10 Points

District

Program Summary: The Visual and Performing Arts are essential for a thriving community. The overall goal of the Visual and Performing Arts department is to provide a wide variety of experiences. Students are provided the greatest opportunity for success and the developmental level of each child is considered when selecting activities. Creative thinking, problem solving and critical thinking skills are nurtured throughout each course. Our purpose is to enhance the strengths of the students while creating awareness, building self-esteem and fostering leadership skills. The Long Branch Public Schools provide a various opportunities for students to be engrossed in enriching arts programs both during and after school.

PDF: [LETTERS FROM THE SUPERINTENDENT](#)

PDF: [NJ SCHOOL PERFORMANCE REPORT VPA LBHS](#)

PDF: [ALL ARTS OFFERED LETTER FROM SUPERINTENDENT](#)

PDF: [NJ SCHOOL PERFORMANCE REPORT VPA LBMS](#)

PDF: [ALL ART OFFERED DOCUMENTATION - VPA SUPERVISOR](#)

Future Ready Schools - New Jersey Certification

15 Points

School

Program Summary: Perhaps the greatest achievement of our Future Ready Schools journey was that it allowed us to examine our practices and work together to make changes that benefited our students, staff, and families due to the exploratory lens and mindset shift that came with the Future Ready vision. We supported one another and worked collaboratively not only in our school, but as a district - sharing ideas and best practices. We shifted our focus to student centered personalized learning. There were less teacher directed activities and more student led/driven activities. We explored all of the gears, but focused on the use of space and time, community partnerships, collaborative leadership, curriculum instruction & assessment, and personalized professional development. The frameworks helped us think strategically and plan for fine tuning our practices. It also allowed us to celebrate the practices that were already in place. The personalized professional development gear allowed our teachers to take the lead in their learning and focus on areas that they were interested in and that they felt they needed improvement in. The Future Ready Schools movement also allowed us the opportunity to explore more teacher-led professional development sessions, allowing us to utilize the talents and strengths of our staff members to help teach one another.

IMAGE: [LBHS-RESULTS-REPORT.PNG](#)

PDF: [2019 EVIDENCE.PDF](#)

Student Participation in the Arts

10 Points

District

Program Summary: The overall goal of the VPA department is to provide a wide variety of experiences for our children. Courses include visual arts, dance, drama, vocal music, instrumental music, music technology, digital arts, TV & film. Creative thinking, problem solving and critical thinking skills are nurtured throughout each course. Our purpose is to enhance the strengths of the students while creating awareness, building self-esteem and fostering leadership skills. Students are afforded the greatest opportunity for success and the developmental level of each child is considered when selecting activities. Courses throughout the Visual & Performing Art department continue to stress the importance of sustainability and conserving our natural resources. Attached is a list of community activities the district was involved in with regards to the arts, letters from the Superintendent stating the courses and highly qualified teachers in our district, as well as the NJ School Report for the Visual & Performing Arts in our schools.

PDF: [STUDENTS PARTICIPATE IN THE ARTS - BUILDING SIGNED LETTERS](#)

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

PDF: [ARTS PARTICIPATION](#)

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

Student & Community Outreach

Green Team

15 Points

 Bronze Required School District

Program Summary: The Long Branch Public School District Green Team is committed to environmental and digital education and developing a spirit of environmental stewardship in each of our schools. All schools in the district are represented on the team. During the past several years, we have promoted and participated in many sustainable practices and activities including environmental awareness, site cleanups, energy savings & recycling programs, green cleaning, food & nutrition education, school gardens, and many others! As our school gardens and sustainable efforts expand, we continue to look for volunteers to join our Green Team and provide our current members with numerous professional development opportunities throughout the year. This year, the District Green Team has been encouraging a Sustainable Mindset throughout each school building by promoting exciting new initiatives such as the Sustainability Recycling Poster Contest, incorporating Green Initiatives in the classrooms, and achieving synchronous Food Share program and educational aeroponic unit program participation throughout the district. Not to mention, each Green Team member promotes Sustainability education by planning and executing at least three Sustainability activities and lessons per member each month! That's roughly 30 Sustainability-focus events each month during our afterschool programs! LBPS promoted its Sustainability programs and Certification via social media numerous times (attached). Also, the Board of Education formally recognized the Green Team on the Board Agenda and will be celebrating their successes with a green luncheon in the coming months.

PDF: [GREEN TEAM LETTER 22-23](#)

IMAGE: [AUGUST 2022 BOARD AGENDA PUBLICITY](#)

PDF: [GREEN TEAM MEMBERS AND MEETING DATES 22-23](#)

PDF: [22-23 GREEN TEAM REPORT](#)

PDF: [PUBLICITY OF CERTIFICATION, ACTIONS AND PLANS](#)

PDF: [LETTER FROM THE UNION PRESIDENT](#)

Green Fair

10 Points

School

Program Summary: The Long Branch Public Schools Annual Green Fair encourages sustainable lifestyle choices for our community, raises awareness regarding environmental issues, and demonstrates how our schools are reducing their impact on the planet. In light of COVID-19, this year the LBPS Green Team has created a virtual Green Fair experience to highlight our sustainability efforts and partnerships. On May 25, 2021, LBPS livestreamed the Virtual Green Fair to the community and the world on YouTube! In addition to highlighting a sustainability partner, each of our 9 schools contributed to the fair by creating short videos displaying sustainability projects and activities. Visit our Green Fair page to view our full green fair videos featuring all 9 of our schools:
<https://sites.google.com/longbranch.k12.nj.us/gardens/virtual-green-fair-2021>

PDF: [ENVIRONMENTAL GREEN AND STEM FAIR 2023 PLANNING PAGE.PDF](#)

PDF: [QUALITATIVE_ASSESSMENT_LBPS_GREEN_FAIR.DOCX.PDF](#)

PDF: [STEM FAIR TY LETTER 2023 \(1\).PDF](#)

PDF: [LBPS GREEN FAIR 2023.PDF](#)

Student Learning

Education for Sustainability Integrated Unit

10 Points

School

Program Summary: The purpose of the climate change unit is to allow students to understand and analyze the effects and the greater impact of climate change. Through out this unit students will explore the symptoms of climate change, such as acidification of the oceans, greenhouse effect, sea level rise, extreme weather, and increase of diseases. Each symptom shows the importance of solving the real issue of climate change. Through sustainable actions students will learn how to lessen the effects of climate change alleviating these symptoms. This unit can be given in person or virtually. It utilizes several virtual labs to showcase climate changes effects in a timeframe that is more reasonable for classroom activities.

WORD: [EFS QUESTIONNAIRE](#)

WORD: [SCIENCE CURRICULUM](#)

Education for Sustainability Grades 4-12 Health

5 Points

School

Program Summary: The focus of this lesson is plastic waste; specifically switching from plastic bags to reusable. The students explore how plastic bags are impact the environment. It will also allow the students to create designs that would be appealing to the general public to carry around reusables bags. Students will be assessed in creativity and general durability

WORD: [QUESTIONNAIRE](#)

WORD: [STUDENT SAMPLES](#)

WORD: [SUSTAINABILITY GREEN TEAM LESSON PLAN 22.DOCX](#)

WORD: [RUBRIC](#)

Education for Sustainability Grades 4-12 Math

5 Points

School

Program Summary: Students were able to analyze data given from a graph and chart on sea level rise. Students calculated the linear regression and were able to predict what the change would be in 2050. Students were just asked the question "What does this graph tell you? And how can this affect you here along the Jersey shore?" A short discussion was held about all the possibilities that could occur. Students were able to articulate that if sea levels rise enough their town could be underwater. Then the students wrote letters to the local politicians.

WORD: [LESSON PLAN/RUBRIC/STUDENT SAMPLES](#)

WORD: [MATH 2022 EFS.DOCX](#)

PDF: [LESSON PLAN](#)

Education for Sustainability Grades 4-12 Science

5 Points

School

Program Summary: The purpose of the "Cookie Mining Lab" are for the students to understand and analyze the impact mining has on the surround environment. The students were able to simulate being a mining operation and purchased a cookie that would be their mind and purchased their equipment as well. Through this process the students were able to understand the economic part of mining as well. Students then mined and reclaimed their land and the ore to make the most profit possible. Students then answered questions based on the lab.

IMAGE: [20220606_085600.JPG](#)

WORD: [COOKIE MINING SFS](#)

WORD: [COOKIE MINING](#)

Education for Sustainability Grades 4-12 Technology

5 Points

School

Program Summary: The purpose of this lesson was to show students how to use technology to develop interest in areas of concern. Bringing to the foreground the problems such as wildlife conservation or sustainability is always difficult. This lesson shows students how to take the lessons they are learning from other classes and turn them into action. Students create a documentary photography project that can be categorized under one type of documentary photography we have gone over in class including, social, conservation, photo essay, and social landscape

PDF: [TECH SUSTAINABLE LESSON.PDF](#)

POWERPOINT: [TECH SUSTAINABLE STUDENT EXAMPLE.PPTX](#)

WORD: [TECH EFS.DOCX](#)

WORD: [TECH RUBRIC](#)

Student and Staff Wellness

Policies to Promote Physical Activity

10 Points

District

Program Summary: Long Branch's quality Physical Education/wellness program is fundamental for our students. Why do children need a

quality PE/wellness program? The simple answer is so that they will remain physically active throughout their lifetime and reap the benefits of doing so. Quality PE/wellness provides students with a multitude of important learning experiences that cannot be duplicated in the classroom. Physical Education/wellness is that phase of education which is concerned with the teaching of skills, improving physical fitness, the reinforcement of other subjects, self-discipline, leadership and cooperation, enhancing self-efficacy, stress reduction, and strengthening peer relationships. Physical activity contributes much to the growth, development, and the general well-being of every individual. We believe that Long Branch Public Schools are; "Where Children Matter Most". With this philosophy in mind, we are certain that our Fitness Programs and Opportunities will teach continuous growth and achievement for all students, without exceptions.

WORD: [PHYSICAL ACTIVITIES POLICIES](#)

Staff Wellness Program

10 Points

School District

Program Summary: The Long Branch Schools goes above and beyond to promote staff wellness. As part of our culture of sustainability, our on site health center is more active than ever. The Partnership Health Center, located at the Long Branch High School (<https://www.partnershiphealthcenters.com/>) provides medical and wellness support for all staff and their family members 7 days a week. The Partnership Health Center Long Branch (PHCLB) addresses all members' basic wellness and medical needs under one roof of over 5000 sq.ft. The health center's activities are centered around the theme of "Care for the Whole You". Employees pay no co-pays or deductibles for any services or programs of the health center. It is open 7 days a week for 65 hours, opening weekdays from 7 AM to 6 PM and Saturdays and Sundays from 8:00-1:00 throughout the year. The wellness center is located centrally in the school district on school property, making it a convenient location to all work sites. The center continues to provide monthly newsletters, diagnostic services, as well as nutrition, chiropractic care, physical therapy, yoga, and other programs targeting staff wellness and activities.

PDF: [PARTNERSHIP HEALTH E-LINKS NEWSLETTER AND PROGRAMS - WEBSITE LINKS](#)

PDF: [LBPS STAFF WELLNESS LETTER AND PLAN.PDF](#)

Student Safety

Safe Routes to School District Policy

10 Points

District

Program Summary: Long Branch Public Schools is committed to promoting the benefits of establishing and promoting safe routes to school. We have established the guidelines and expectations for students and parents/guardians within our district policy adopted in January 2018. We regularly collaborate with our law enforcement, local organizations such as EZ Rides, and other community agencies to plan, construct, and encourage the use of safe, accessible, and convenient pedestrian and bicycle routes to school. We host bike rodeos, bike and helmet safety assemblies. In addition, our District is very active in the NJ Safe Routes to School program and has been awarded recognition for some of our schools. A proposal to update and renew our Safe Routes to School District Policy to reflect a more comprehensive and modern approach was adopted by the board in June 2022. The new unified policy has district condition standards explicitly included rather than being at the discretion of each school. More information can be found on our Sustainability Webpage here: <https://sites.google.com/longbranch.k12.nj.us/gardens/safe-routes?authuser=0>

PDF: [LONG BRANCH SAFE ROUTES TO SCHOOL DISTRICT POLICY](#)