



NEW YORK STATE GREEN RIBBON SCHOOLS

2014 APPLICATION SCORING

U.S. DEPARTMENT OF EDUCATION



APPLICATION SCORING SUMMARY

		1	2	3
Green Ribbon Schools Pillars and Elements				
Max. Points				
40% students eligible for federal free and reduced price lunch program (disadvantaged)		N	N	N
Public (P) or Private (Pv)		P	P	P
Grade Levels		9-12	PK-6	2-5
Cross-Cutting Questions				
CC1. Narrative describing school's efforts to reduce environmental impact and costs; improve student and staff health; and provide effective environmental and sustainability education. Focus on unique and innovative practices and partnerships: max = 5	5	4.31	4.19	4.54
CC2. Participation in a local, state, or nationally recognized green school program which asks to benchmark progress: No = 0, 1 award = 1, 2 awards = 3, >2 = 5	5	1.23	0.38	2.92
CC3. School, staff or student body received any awards for facilities, health or environment: No = 0, 1 award = 1, 2 awards = 3, >2 = 5	5	4.85	4.69	4.69
Total - CROSS-CUTTING QUESTIONS (5%of total)	15	10.38	9.27	12.15
PILLAR ONE: Reduced Environmental Impact and Costs				
Element 1A: Energy and Buildings				
1A1. School demonstrates a reduction in its facility-related Greenhouse Gas emissions: >5% = 2, 0-5% = 1, none or n/a = 0	2	0.94	1.15	1.25
Describe documentation that justifies the reduction in facility-related Greenhouse Gas emissions: max = 1	1	0.69	1.00	0.85
1A2. School reduced its total non-transportation energy use from an initial baseline: >5% = 2, 0-5% = 1, none or n/a = 0	2	1.02	1.92	0.31
1A3. School received the EPA ENERGY STAR Building Label within the last 5 years: yes = 2, no = 0	2	0.00	0.00	0.00
School received the EPA ENERGY STAR Building Label within the last 5 years: >1 time = 1	1	0.00	0.00	0.00
1A4. Percentage of renewable energy (total on-site and purchased): >5% = 2, 0-5% = 1, none = 0	2	1.00	2.00	0.00
Participates in USDA Fuel for Schools, DOE Wind for Schools or other federal or state school energy program. yes = 1, no = 0	1	0.00	0.85	0.00
1A5. If school is new building in last 10 years, percentage of area of the new building that meets green build standards: 75-100% = 3, 25-74% = 2, 11-24% = 1, 0-10% = 0	3	0.00	0.00	0.00
1A6. If school is existing, percentage of the addition or altered/renovated building area that meets green build standards: 75-100% = 3, 25-74% = 2, 11-24% = 1, 0-10% = 0	3	0.08	3.00	0.23
1A7. Parts of existing building meeting green build standards: 75-100% = 3, 25-74% = 2, 11-24% = 1, 0-10% = 0	3	0.08	0.46	0.00
1A8. School has fully implemented the Facility Energy Assessment Matrix within EPA's Guidelines for Energy Management: yes = 1, no = 0	1	0.08	0.08	0.08
School Building has been assessed using the Federal Guiding Principles Checklist in Portfolio Manager: yes = 1, no = 0	1	0.00	0.00	0.08
School has installed one or more energy/heat recovery ventilation systems to bring in fresh air while recovering the heating or cooling from the conditioned air. yes = 1, no = 0	1	0.08	0.85	0.08
School has an energy and water efficient product purchasing and procurement policy in place: yes = 1, no = 0	1	0.08	0.00	0.92
Other: max = 1	1	0.69	0.77	0.77
Element 1B: Water and Grounds				
1B1. Demonstrated reduction in school's total water consumption: >15% = 2, 5-14% = 1, <5% = 0	2	0.71	0.19	0.71
1B2. School conducts annual audits of the facility and irrigation systems to ensure they are free of significant water leaks and to identify opportunities for savings: Description of audit program reasonable = 1, no = 0	1	0.81	0.81	0.77
School has a smart irrigation system that adjusts watering time based on weather conditions. Description reasonable = 1, no = 0	1	0.81	0.31	0.88
School's landscaping is water-efficient and/or regionally appropriate and description reasonable: >25% = 1, <25% = 0	1	1.00	0.92	0.81
School uses alternative water sources (ie. grey water, rainwater) for irrigation before potable water and description reasonable = 1, no = 0	1	0.15	0.38	0.88
School has a program to control lead in drinking water; taps, faucets, and fountains at school are cleaned at least twice annually to reduce contamination; and screens and aerators are cleaned at least annually to remove particulate lead deposits. Description reasonable. Max = 3	3	1.31	0.38	2.08
Other measures employed to increase water efficiency and ensure water quality & description is reasonable. Max = 2	2	1.42	1.54	0.38
1B3. Description of efforts to reduce storm water runoff is reasonable. Max = 2	2	1.12	2.00	1.40
School has permeable pavement to control storm water & description is reasonable. Max = 1	1	0.92	1.00	0.08
School has a "green" roof to control storm water & description is reasonable. Max = 1	1	0.92	0.08	0.08
1B4. School's private water source is protected from potential contaminants & description is reasonable. Max = 2	2	0.81	0.65	0.73
1B5. School has a reduced pressure zone (RPZ) backflow prevention device on the incoming water supply line to the facility: yes = 1, no = 0	1	0.00	1.00	0.08
1B6. School has an emergency plan should potable water become unavailable & description is reasonable. Max = 3	3	1.38	1.92	1.88
1B7. Percentage of school grounds devoted to ecologically beneficial uses: >50% = 1, <50% = 0	1	0.38	0.08	0.08
1B8. Describe any additional progress school has made towards improving water quality, efficiency, and conservation. Max = 3	3	1.46	1.85	1.85

		1	2	3
Green Ribbon Schools Pillars and Elements		Max. Points		
40% students eligible for federal free and reduced price lunch program (disadvantaged)		N	N	N
Public (P) or Private (Pv)		P	P	P
Grade Levels		9-12	PK-6	2-5
Element 1C: Waste and Hazardous Waste				
1C1. Recycling rate (%) of solid waste diverted from landfilling or incinerating due to recycling and/or composting: >30% = 2, 10-29% = 1, <10% = 0	2	1.23	1.92	2.00
1C2. Percentage of school's total office/classroom paper content by cost is post-consumer material or fiber from forests certified: >25% = 1, <25% = 0	1	0.00	0.00	0.88
1C3. Percentage of the total office/classroom paper content by cost is totally chlorine-free (TCF) or processed chlorine free (PCF): >25% = 1, <25% = 0	1	0.00	0.00	1.00
1C4. Hazardous waste generated / person / year & description reasonable. Max = 1	1	0.60	0.58	0.23
Hazardous waste removal is tracked & description is reasonable. Max = 1	1	0.81	0.77	0.08
1C5. Hazardous waste policy in place and actively enforced: yes = 1, no = 0	1	1.00	0.92	0.92
Disposes of unwanted computer and electronic products through an approved recycling facility or program: yes = 1, no = 0	1	1.00	1.00	1.00
Computer purchases are Electronic Product Environmental Assessment Tool (EPEAT) certified products: yes = 1, no = 0	1	1.00	1.00	1.00
Custodial program has been certified to the Green Seal Standard for Commercial and Institutional Cleaning Services (GS-42), the ISSA Cleaning Industry Management Standard - Green Building or an equivalent standard: yes = 1, no = 0	1	1.00	1.00	1.00
OGS Green Procurement Web Site is referenced as standard used: yes = 1	1	0.31	0.15	0.31
Hazard Communication Plan: yes = 1, no = 0	1	1.00	1.00	1.00
Chemical Hygiene Plan/Chemical Management Program and Chemical Hygiene Officer: yes = 1, no = 0	1	1.00	1.00	1.00
School has written policy regarding purchase, use and storage of chemicals: yes = 1, no = 0	1	1.00	0.46	1.00
School has written policy for the proper disposal of chemicals: yes = 1, no = 0	1	1.00	1.00	1.00
School completes an annual Chemical Inventory: yes = 1, no = 0	1	1.00	1.00	1.00
School manages fluorescent light bulbs as universal waste: yes = 1, no = 0	1	1.00	1.00	1.00
School disposes of expired/unwanted chemicals in accordance with all applicable federal, state and local requirements: yes = 1, no = 0	1	1.00	1.00	1.00
School maintains current material safety data sheets (MSDS) for all applicable products used in the building: yes = 1, no = 0	1	1.00	1.00	1.00
1C6. School uses "third party certified" green cleaning products as listed on the New York State Office of General Services approved product list & product standard is identified: yes = 1, no = 0	1	1.00	1.00	1.00
1C7. Other indicators of school's reduction of solid waste and elimination of hazardous waste. Max = 1	1	0.44	0.63	0.79
Element 1D: Alternative Transportation				
1D1. Percentage of students who walk/bike, ride a school bus/use public transportation to/from school, or carpool (2 + student in the car) & calculations reasonable: >75% = 3, 50-74% = 2, 25-49% = 1, <25% = 0	3	2.92	3.00	3.00
1D2. Designated carpool parking: yes = 1, no = 0	1	0.08	0.00	0.08
No-idling policy for buses per NYS Law and "no-idling" signs posted: yes = 2, no = 0	2	2.00	2.00	1.85
No-idling policy for other vehicles and "no-idling" signs posted: yes = 1, no = 0	1	1.00	0.15	1.00
Vehicle loading/unloading areas are at least 25 feet from building air intakes, doors, and windows: yes = 1, no = 0	1	1.00	0.92	1.00
School has established Safe Pedestrian Routes to school: yes = 1, no = 0	1	0.08	0.08	1.00
Provides a sufficient number of bicycle racks: yes = 1, no = 0	1	0.08	0.92	1.00
School participates in NYS Clean Air School Bus Retrofit Program: yes = 1, no = 0	1	1.00	0.00	0.08
School participates in "Safe Routes to School" program: yes = 1, no = 0	1	0.08	0.08	0.31
Description of activities in safe routes program is reasonable. Max = 2	2	0.15	0.15	0.50
1D3. Description of how school's transportation use is efficient and has reduced environmental impacts is reasonable. Max = 2	2	1.69	1.62	1.52
1D4. Other accomplishments or progress school has made towards reducing/eliminating environmental impacts or improving energy efficiency. Max = 3	3	2.23	2.62	2.85
Total - PILLAR ONE (30%of total)		90	46.63	53.17
PILLAR TWO: Improved Health and Wellness				
Element 2A: Environmental Health				
2A1. School has a Health and Safety Committee comprised of district officials, staff (including health staf), bargaining units, and parents & description reasonable: yes = 1, no = 0	1	0.38	1.00	1.00
Description of procedures employed by health and safety committee is reasonable. Max = 6	6	2.48	2.23	3.08
2A2. Describe school's Integrated Pest Management (IPM) program, including IPM/green certifications earned, routine housekeeping and maintenance protocols, routine monitoring and inspections, pest identification protocols, and record-keeping. Max = 5	5	3.23	4.08	4.46
2A3. Description of the practices school employs to improve contaminant control and ventilation is reasonable. Max = 4	4	2.31	2.92	3.67
2A4. Description of school's practices for inspecting and maintaining the building's ventilation systems, including all unit ventilators, to ensure they are clean and operating properly is reasonable. Max = 3	3	2.50	2.35	2.46
2A5. Description of actions school takes to ensure that all classrooms and other spaces are adequately ventilated with outside air is reasonable. Max = 3	3	2.54	2.54	2.62
2A6. School is located in a radon prone area? yes = 0, no = 3	3	3.00	0.23	2.77
All of the classrooms in contact with the ground at our school have been tested for radon. yes = 1, no = 0	1	0.08	1.00	0.08
All frequently occupied rooms at or below ground level have been tested for radon gas, and all rooms with levels that tested at or above 4 pCi/L have been mitigated in conformance with ASTM E2121 and retested. yes = 1, no = 0	1	0.08	1.00	0.08
School was built with radon resistant construction features and tested to confirm levels below 4 pCi/L. yes = 1, no = 0	1	0.08	1.00	0.08
2A7. List 3 - 5 practices school employs to control moisture from leaks, condensation, and excess humidity and promptly clean up mold or remove moldy materials when they are found. Max = 4	4	1.85	3.00	3.31

Green Ribbon Schools Pillars and Elements		Max. Points	1	2	3
			N	N	N
40% students eligible for federal free and reduced price lunch program (disadvantaged)			P	P	P
Public (P) or Private (Pv)			9-12	PK-6	2-5
Grade Levels					
2A8. School has a chemical management program: yes = 2, no = 0	2	2.00	2.00	2.00	
School has eliminated mercury-containing thermometers, chemical compounds, art chemicals, etc. and elemental mercury from instructional and non-instructional spaces: yes = 2, no = 0	2	2.00	2.00	2.00	
School disposes of any unwanted mercury laboratory chemicals, thermometers and other devices in accordance with federal, state, and local environmental regulations: yes = 2, no = 0	2	2.00	2.00	2.00	
School has a Chemical Hygiene Plan that includes: chemical purchasing policy (low or no-VOC products), storage and labeling, training and handling, hazard communication, spills (clean up and disposal), and selecting OGS approved green cleaning products: yes = 1, no = 0	1	1.00	0.92	1.00	
School only uses art supplies approved by the Art & Creative Materials Institute, Inc (ACMI). yes = 1, no = 0	1	1.00	1.00	1.00	
Material Safety Data Sheets (MSDS) are maintained for chemicals used in art classes (ex: inks, paints, pottery glazes, photo processing chemicals). yes = 1, no = 0	1	1.00	1.00	1.00	
Describe how school controls and manages chemicals routinely used in the school to minimize student and staff exposure. Max = 3	3	1.54	2.15	2.23	
2A9. School nurse has received training via the School Nurse Asthma Management Program, a collaboration of the NYS Department of Health, National Association of School Nurses, and the NYS Regional Asthma Coalitions to provide comprehensive asthma education and resources to school nurses: yes = 1, no = 0	1	0.15	1.00	0.00	
School supports students with asthma to keep their asthma under control and keep the students fully active by following the National Asthma Education and Prevention Program Asthma Friendly Schools Checklist:					
Students may carry and use their own asthma medicines or have quick and easy access to the school nurse to have them administered: yes = 1, no = 0	1	1.08	1.15	1.23	
Each student has a written emergency management plan for teachers and staff to follow that identifies the student's asthma triggers and steps needed to take care of a student who has an asthma attack: yes = 2, no = 0	2	2.00	2.00	1.92	
Our school asthma management program provides professional development for all school personnel on school medication policies, emergency procedures, and procedures for communicating health concerns about students: yes = 2, no = 0	2	2.00	2.00	1.85	
School registered nurse (RN) is in our school building during all school hours or is regularly available to write plans and give guidance on asthma: yes = 2, no = 0	2	1.85	1.92	1.77	
School nurse or other asthma education expert teaches school staff about asthma, asthma action plans, and asthma medicines: yes = 1, no = 0	1	0.31	1.00	1.00	
Students with asthma are accommodated to maximize their participation in physical education, sports, recess, and field trips: yes = 1, no = 0	1	1.15	1.08	1.08	
Description of actions school takes to prevent exposure to asthma triggers in and around the school is reasonable. Max = 3	3	2.27	2.00	2.04	
2A10. School is in compliance with the OSHA/PESH Bloodborne Pathogen Standard 29 CFR 1910.145(f) & description of procedures used to protect workers against health hazards is reasonable: yes = 1, no = 0	1	1.08	1.00	1.00	
Element 2B: Nutrition and Fitness					
2B1. School employs practices to promote nutrition, physical activity and overall school health:					
School has a local Wellness Policy with an active committee to evaluate and update policies annually: yes = 1, no = 0	1	1.00	1.00	1.00	
School's Wellness Policy addresses the 8 critical inter-related components of coordinated school health (Healthy and Safe School Environment; Nutrition Services; Physical Education; Health Education; Health Services; Staff Health Promotion; Family/Community Involvement; Counseling/Psychological and Social Services), and practices a coordinated school health model encompassing these 8 components: yes = 1, no = 0	1	1.00	1.00	1.00	
School develops, implements, and enforces policies to create schools that are advertising-free to the greatest possible extent: yes = 1, no = 0	1	1.00	1.00	1.00	
At least 50% of students have participated in the EPA's Sunwise Program (or other equivalent UV protection and skin health education program): yes = 1, no = 0	1	0.08	0.08	0.08	
School has conducted a school health assessment utilizing a reliable and valid tool (for example: CDC's School Health Index, Mariner, etc.): yes = 1, no = 0	1	0.08	0.08	0.08	
School collects accurate height and weight measurements (required by New York State Education Department at school entrance and in grades 1, 3, 7 and 10), calculates BMI, and communicates pupils' weight status (based on BMI percentile) to the Department of Health. Max = 1	1	1.00	1.00	1.00	
Description of procedures is reasonable. Max = 2	2	1.15	1.15	1.69	
School has established a Child Nutrition Advisory Committee which meets at least quarterly and reports each June to the board of the local school district the status of the implementation of the district's programs to improve students' nutritional awareness and healthy diet: yes = 1, no = 0	1	1.00	1.00	0.08	
School participates in a Farm to School program or other program to utilize local food in cafeteria: yes = 1, no = 0	1	1.00	0.00	1.00	
School has an on-site organic food garden: yes = 1, no = 0	1	0.08	0.00	1.00	
School's garden supplies food for cafeteria: yes = 1, no = 0	1	0.08	0.00	1.00	
School has a nutrition education curriculum at all grade levels: yes = 1, no = 0	1	1.00	0.08	1.00	
School breakfast and/or lunch menus meet the USDA meal pattern requirements, provide fresh fruits and vegetables, and at least 50% whole grains: yes = 1, no = 0	1	1.00	1.00	1.00	
School participates in the USDA's HealthierUS School Challenge or another nutrition program: max = 1	1	1.00	0.92	0.92	
List school's USDA HealthierUS School Challenge award level or describe other nutrition program. Max = 2	2	1.31	1.31	1.38	
School has implemented TV and media reduction curricula such as Student Media and Awareness for the Reduction of Television-viewing (SMART) and Fit by 5 to reduce use of television and other recreational screen time in schools: yes = 1, no = 0	1	1.00	0.00	1.00	
School participates in "National TV Turn-off Week" campaigns: yes = 1, no = 0	1	1.00	0.00	1.00	
Students spent an average of at least 120 minutes per week over the past year in school-supervised physical education: yes = 1, no = 0	1	0.96	0.92	1.00	
At least 50% of students' annual physical education takes place outdoors: yes = 1, no = 0	1	0.92	0.92	1.00	

		1	2	3
Green Ribbon Schools Pillars and Elements		Max. Points		
40% students eligible for federal free and reduced price lunch program (disadvantaged)			N	N
Public (P) or Private (Pv)			P	P
Grade Levels			9-12	PK-6
Description of the type of outdoor exercise opportunities and nature-based recreation available to students is reasonable. Max = 2		2	1.62	1.77
2B2. Percentage (by cost) of food purchased by your school is certified as "environmentally preferable" (e.g. Organic, FairTrade, Food Alliance, Rainforest Alliance, etc.): >25% = 2, 5-24% = 1, <5% = 0		2	0.15	0.00
2B3. Describe any other efforts to improve nutrition and fitness, highlighting innovative or unique practices and partnerships. Description reasonable. Max = 1		1	1.00	1.00
2B4. School uses a Coordinated School Health approach or other health-related initiatives to address overall school health issues. Description reasonable. Max = 1		1	1.00	1.00
2B5. School partners with postsecondary institutions, businesses, nonprofit organizations, or community groups to support student health and/or safety. Description reasonable. Max = 1		1	0.88	1.00
2B6. School has a school nurse (RN) and/or school-based health center. yes= 1, no = 0		1	1.00	1.00
2B7. Describe your school's efforts to support student mental health and school climate (e.g. anti-bullying programs, peer counseling, etc.). Description reasonable. Max = 1		1	0.81	0.92
2B8. Describe any additional progress school has made in terms of the school's indoor and outdoor environmental quality (including unique community and/or business partnerships) to promote overall student and staff health and safety. Max = 2		2	1.31	1.62
Total - PILLAR TWO (30%of total)		90	64.37	65.35
PILLAR THREE: Effective Environmental and Sustainability Education				
Element 3A: Interdisciplinary Learning				
3A1. Practices school employs to help ensure effective environmental and sustainability education: Description of school's environmental or sustainability literacy requirement. Max = 10		10	6.08	6.62
Description of professional development opportunities available in environmental and sustainability education. Include the percentage of teachers who participated in these opportunities over the past 2 years. Max = 10		10	6.69	2.23
Description of school's environmental and sustainability concepts that are integrated and assessed throughout the curriculum emphasizing the importance of net zero environmental impacts and the relationship between the environment and personal health. Max = 10		10	6.00	3.46
Element 3B: STEM Content, Knowledge, and Skills				
3B1. School frequently use sustainability and the environment as a context for learning science, technology, engineering and mathematics (STEM) thinking skills and content knowledge (such as asking questions, developing and using models, planning and carrying out investigations, analyzing and interpreting data, using mathematics and computational thinking, constructing explanations, and engaging in argument from evidence when exploring environmental and sustainability issues). Max = 10		10	7.85	1.31
3B2. School curriculum make connections between classroom and college and career readiness, in particular post-secondary options in environmental and sustainability fields (for example: CTE Green Sustainable Design and Technology course, Green Chemistry, etc.). Max = 10		10	7.85	2.00
3B3. School uses sustainability and the environment as a context for learning green technologies and career pathways & description reasonable. Max = 10		10	7.46	4.77
Element 3C: Civic Knowledge and Skills				
3C1. Describe students' civic/community engagement projects integrating environment and sustainability topics. Max = 4		4	3.69	2.46
3C2. Students conduct an age-appropriate, self-selected, civic/community engagement project at every grade level: yes = 4, not in all grades = 1, no = 0		4	3.77	0.00
Percentage of last year's graduates scored proficient or better as assessed by a community or civic engagement project: >50% = 4, 25-49% = 3, 10-24% = 2, <10% = 0		4	4.00	0.00
Percentage of projects that focus on environmental or sustainability topics: 50-100% = 1, 0-49% = 0		1	1.00	0.00
Percentage of students completing such a project last year: 50-100% = 1, 0-49% = 0		1	1.00	0.00
3C3. Students have meaningful outdoor learning experiences (experiences that engage students in critical thinking, problem solving and decision making) at every grade level & description reasonable. Max = 3		3	1.85	0.50
Share how outdoor learning is used to teach an array of subjects in contexts, engage the broader community, and develop civic skills: Max = 8		8	5.08	2.15
3C4. Description of school's partnerships to help school and other schools achieve the 3 Pillars. Scope and impact of partnerships seems reasonable. Max = 10		10	7.38	4.62
3C5. Describe any other ways that your school integrates core environment, sustainability, STEM, green technology and civics into curricula to provide effective environmental and sustainability education, highlighting innovative or unique practices and partnerships: Max =10		10	5.62	3.85
Total - PILLAR THREE (35%of total)		105	75.31	33.96
SUMMARY				
CROSS-CUTTING QUESTIONS (5%) -		15.00	10.38	9.27
PILLAR ONE (30%) -		90.00	46.63	53.17
PILLAR TWO (30%) -		90.00	64.37	74.85
PILLAR THREE (35%) -		105.00	75.31	33.96
TOTAL -		300.00	196.69	161.75