

## **HAWAII GREEN RIBBON SCHOOLS APPLICATION FORM**

**Introduction:** The U.S. Department of Education's Green Ribbon Schools (GRS) award is intended to recognize schools that are taking a comprehensive approach to greening their school. A comprehensive approach incorporates and integrates environmental learning with maximizing positive environmental and health impacts. The award criteria are intended to focus on measured and verifiable outcomes wherever possible.

This is a two step process. The first step is to complete and submit this form to be selected as a state nominee. If your school is subsequently selected, you'll be asked to complete the second step of the process by providing additional information for the nominee package that will be forwarded to the U.S. Department of Education (USDOE). This may include providing documentation to verify your answers.

Each state may submit up to four nominees to USDOE. Upon review, USDOE will then award up to 50 or more Green Ribbons from these nominees. Since about 33 states plus the District of Columbia are likely to participate in this pilot year, it is highly likely that at least half of a state's nominees will win an award and perhaps more.

**Background:** Application reviews will be based on the applicant's demonstrated progress towards the goals of each of the three GRS "Pillars":

- 1) The school has a "net zero" environmental impact.
- 2) The school environment has a "net positive" impact on the health and performance of students and staff.
- 3) 100% of the school's graduates are environmentally and sustainability literate.

Three items are important to keep in mind as you consider applying to become a nominee:

- 1) These are ambitious goals and few if any schools are expected to have achieved all three, or perhaps even 100% of any one of the pillars.
- 2) Schools demonstrating exemplary achievement in all three Pillars will receive the highest ranking.
- 3) It is important to demonstrate concrete achievement, using quantified measures wherever possible.

As you'll see in the application form, the USDOE has broken down each Pillar into "Elements" in order to provide more detail and explanation for what is meant by each Pillar. Each Element then has a series of questions which enable you to demonstrate your progress. Some questions have been grouped together into categories for the sake of clarity and organization. Finally, the outline below will give you a sense of the weight which will be given to each Element by the application review committee.

## **General Comments:**

This form is not only an application form but also a self-assessment tool. To be a green school, it is vital for you to measure your impact on both the environment and on your students, in order to find out with some precision how green your school really is and to measure progress. This assessment process takes time and effort, and should be part of your standard practice regardless of whether or not you apply for a Green Ribbon award.

And if this assessment process is not already part of your practice, then working on this application form will be very informative for everyone in your school even if it never gets submitted. This is the first time that all the components of a green school have been assembled and put together in one place, and studying the application form can provide an education in itself for those who are not fully versed in all three Pillars.

This form also represents the fact that becoming a green school cuts across almost all the activities and operational areas of your school. It is highly encouraged to assemble a team representing these areas to work together to complete the form efficiently. This team would include individuals with knowledge of: facilities, physical education, food services, curriculum, and school finance (for access to purchase orders, etc.). A class or a group of students may also volunteer to work with this team to complete the form.

Again, the questions in the application represent a comprehensive approach to greening a school, and may seem daunting at first. Remember that the competition is between schools to see who has made the most progress thus far. You are not competing against a static benchmark, meaning that there is no minimum threshold for winning the award (beyond compliance with applicable laws and regulations). It is assumed that you will not necessarily be able to answer "yes" to all the questions or provide answers in all cases.

Do your best! At a minimum, your school will learn a good deal about what is needed to achieve a truly green status; and you will likely have teams of people newly engaged and working across your school in new ways, which will help propel your school moving forward in becoming a Green Ribbon in the future. At the maximum, your school will join a very elite group of founding Green Ribbon award winners, who will be invited to an award ceremony with the highest levels of the U.S. government; receive extensive national, regional, state and local press coverage for the winners; and perhaps attract new sources of support from your community and government.

The following provides an outline for the application form as well as associated weights for reviewing and ranking applications.

<b>Green Ribbon Schools Pillars and Elements</b>	<b>Weight/Points</b>
<b>PILLAR ONE: Net zero environmental impact</b>	<b>35%</b>
Element 1A: Zero greenhouse gas (GHG) emissions Energy Buildings	60 points
Element 1B: Improved water quality, efficiency, and conservation Water Grounds	15 points
Element 1C: Reduced waste production Waste Hazardous waste	15 points
Element 1D: Use of alternative transportation to, during, and from school	15 points
<b>PILLAR TWO: Net positive impact on students and staff health</b>	<b>25%</b>
Element 2A: An integrated school environmental health program Integrated Pest Management Ventilation Contaminant controls Asthma control Indoor air quality Moisture control Chemical management	45 points
Element 2B: High standards of nutrition, fitness, and quantity of quality outdoor time Fitness and outdoor time Food and Nutrition Ultra Violet (UV) safety	30 points
<b>PILLAR THREE: 100% of the school's graduates are environmentally and sustainability literate</b>	<b>40%</b>
Element 3A: Interdisciplinary learning about the key relationships between dynamic environmental, energy and human systems	60 points
Element 3B: Use of the environment and sustainability to develop STEM content, knowledge, and thinking skills	30 points
Element 3C: Development and application of civic engagement knowledge and skills	30 points
<b>TOTAL</b>	<b>300 points</b>

*Please fill in your school information.*

## **SCHOOL PROFILE AND CONTACT FORM**

School: \_\_\_\_\_

Address: \_\_\_\_\_

Percentage of students qualified for free or reduced price meals: \_\_\_\_\_

School enrollment: \_\_\_\_\_

Contact person: \_\_\_\_\_

List the school team that worked on this application

<b><u>Name</u></b>	<b><u>Position</u></b>
_____	_____
_____	_____
_____	_____
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**Instructions for completing this form:** Please answer all of the questions below to the best of your ability. A more complete application will increase your chance of success. **Please note that, should your school become a finalist, you may be asked to provide documentation to verify your answers.**

## **PILLAR ONE: The school has a net zero environmental impact**

### **Element 1A: Zero greenhouse gas (GHG) emissions**

#### **ENERGY**

- 1A1. If your school has received EPA's ENERGY STAR certification, in what year was the certification earned? \_\_\_\_\_

RESOURCES: U.S. Department of Energy and EPA ENERGY STAR for K-12 School Districts, U.S. Department of Energy Purchasing Specifications for Energy Efficient Products

- 1A2. If your school has reduced your total non-transportation energy use (i.e., electricity and gas) from an initial baseline, please provide:

Percentage reduction: \_\_\_\_\_ %w

Measurement unit used (kBtu/Square foot or kBtu/student): \_\_\_\_\_

Time period measured: from \_\_\_\_\_ to \_\_\_\_\_

RESOURCES: EPA Portfolio Manager, Database of State Incentives for Renewable Energy (DSIRE), U.S. Department of Energy's Better Building Manager

- 1A3. What percentage of your energy consumption is derived from:

On-site renewable energy generation: \_\_\_\_\_ %

Purchased renewable energy: \_\_\_\_\_ %

RESOURCES: Advanced Energy Design Guide for K-12 School Buildings, USGBC Center for Green Schools

#### **BUILDINGS**

- 1A4. Building Design: If your school has constructed and/or renovated buildings in the past three years, what percentage of the building area meets Leadership in Energy and Environmental Design (LEED), Collaborative for High Performing Schools (CHPS), Green Globes or other standards? \_\_\_\_\_ %

	Square Feet
What is the total area constructed (past 3 years)?	
What is the total area renovated (past 3 years)?	
Area of all other buildings	
Total area of all buildings	

Which certification (if any) did you receive (LEED, CHPS, Green Globes, Other)?

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What level of certification did you receive (e.g. Silver, Gold, Platinum)?

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RESOURCES: K-12 Guide to Energy Savings Performance Contracting

- 1A5. Building Operations: What percentage of your school's total existing building area has achieved LEED Existing Buildings: Operation & Maintenance, CHPS Operations, Green Globes or other standards? \_\_\_\_\_%

What is the total building area? \_\_\_\_\_ (Sq.Ft.)

Which certification (if any) did you receive? (LEED, CHPS, Green Globes, Other)

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What level of certification did you receive (e.g. Silver, Gold, Platinum)?

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RESOURCES: ENERGY STAR for Federal Agencies

- 1A6. If your school reduces or offsets the Green House Gas (GHG) emissions from building energy use, please provide:

Current Total GHG Emissions (MtCO<sub>2</sub>e) \_\_\_\_\_

Baseline Total GHG Emissions (MtCO<sub>2</sub>e) \_\_\_\_\_

Change from Baseline: GHG Emissions (MtCO<sub>2</sub>e) \_\_\_\_\_

Percentage change \_\_\_\_\_

Time period: from \_\_\_\_\_ to \_\_\_\_\_

Explain how you reduced GHG emissions

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Explain any offsets used

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Note: MtCO<sub>2</sub>e = metric tons of carbon dioxide emissions

RESOURCES: U.S. Department of State Energy Program

- 1A7. Has your school fully implemented the Facility Energy Assessment Matrix within EPA's Guidelines for Energy Management?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

Has the school building been assessed using the Federal Guiding Principles Checklist in Portfolio Manager?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

RESOURCES: EPA's Guidelines for Energy Management Overview, EPA Portfolio Manager

- 1A8. What percentage by cost of all your school's furniture purchases in the past three years are certified under the Business and Institutional Furniture Manufacturers Association's "level" ecolabel?

\_\_\_\_\_ %

\_\_\_\_\_ No furniture purchased

RESOURCES: BIFMA's Level Standard

- 1A9. Does your school have an energy and water efficient product purchasing and procurement policy in place? (e.g., Energy Star and Low Flow fixtures)

\_\_\_\_\_ Yes

\_\_\_\_\_ No

RESOURCES: EPA Portfolio Manager

- 1A10. Other indicators of your progress towards elimination of GHG emissions (describe in detail and include metrics if available):

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Assessment tool: Clean Air Cool Planet's Campus Carbon Calculator

## Element 1B: Improved water quality, efficiency, and conservation

- 1B1. If you can demonstrate reduced total water consumption intensity (measured in average gal/square foot of school land area/day) from an initial baseline, please provide:

Percentage reduction: \_\_\_\_\_ %

Time period of reduced consumption (month and year):

from \_\_\_\_\_ to \_\_\_\_\_

Time period of baseline (month and year): from \_\_\_\_\_ to \_\_\_\_\_

(Compare the same time period, Average Gallons per Day(GPD) averaged over a three month period in which school is in session.

RESOURCES: EPA WaterSense

- 1B2. How often does your school conduct audits of facilities and irrigation systems to ensure they are free of significant water leaks and to identify opportunities for savings?

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RESOURCES: EPA WaterSense: Outdoor Water Use

- 1B3. Describe how your school's site grading and irrigation system and schedule is appropriate for your soil conditions, plant materials, and climate, with an emphasis on water conservation:

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RESOURCES: EPA Drinking Water in Schools & Childcare Facilities

- 1B4. Do all your outdoor landscapes consist of water-efficient or regionally-appropriate (native species and /or adapted species) plant choices?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

If no, what percentage of the total consists of this type of plantings: \_\_\_\_\_ %

Describe the type and location of plantings: \_\_\_\_\_

- 1B5. Are alternative water sources (e.g., grey water) used before potable water for irrigation?

\_\_\_\_\_ Yes

\_\_\_\_\_ No



If yes, describe these alternative water sources:

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- 1B6. If drinking water is acquired from the school's own well, are your drinking water sources protected?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

\_\_\_\_\_ No well for drinking water

If yes, describe how they are protected: \_\_\_\_\_

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- 1B7. Does your school have a program to control lead in drinking water (including voluntary testing and implementation of measures to reduce lead exposure in drinking water) in place?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

If yes, describe this program: \_\_\_\_\_

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- 1B8. Has your school been cited within the past three years for failure to meet federal, state or local potable water quality standards?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

\_\_\_\_\_ Don't know

- 1B9. Are all taps, faucets and fountains used for drinking and cooking cleaned on a regular basis to reduce possible bacterial and other contamination; and are faucet screens and aerators regularly cleaned to remove particulate lead deposits?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

If yes, how often is such cleaning conducted? \_\_\_\_\_

1B10: Describe any other ways, not addressed above, that the school is improving water quality, efficiency, and conservation:

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## GROUNDS

1B11. What percentage of your school grounds are devoted to ecologically or socially (e.g., playgrounds, outdoor spaces designed and used regularly for social interaction, athletic or recreational areas, etc. ) beneficial uses, including those that give consideration to native wildlife? \_\_\_\_\_

Describe: \_\_\_\_\_

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RESOURCES: Fish and Wildlife Service Schoolyard Habitats

### Element 1C: Reduced waste production

## WASTE

*This section asks you to describe how your school is working towards the elimination of all solid waste through reduced consumption, reuse practices, and increased recycling.*

1C1. What percentage of waste is diverted from the landfill or incinerator by reuse, composting, and/or recycling:

\_\_\_\_\_ % (total amount reused, composted or recycled)/(total amount reused, composted or recycled used + total sent to a landfill or incinerator)

RESOURCES: EPA WasteWise Re-TRAC

1C2. What percentage of total office/classroom paper content by cost is post-consumer material or fiber from forests certified as responsibly managed by the Forest Stewardship Council, Sustainable Forestry Initiative, American Tree Farm System or other certification standard:

\_\_\_\_\_ % (If a paper is only 30% recycled, only 30% of the cost of that paper should be counted towards the recycled portion.)

Which standard did you use? \_\_\_\_\_

- 1C3. What percentage of total office/classroom paper content by cost is "totally chlorine-free" (TCF) or "processed-chlorine-free" (PCF) ? \_\_\_\_\_%

### HAZARDOUS WASTE

- 1C4. How much hazardous waste does your school generate? \_\_\_\_\_lbs/student/year.

How was this calculated? \_\_\_\_\_

List each hazardous waste and the amount of each present at the end of the year:

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RESOURCES: CDC Hazardous Waste Self-Management Checklist , Tennessee School Lab Chemical Cleanout Campaign Inventory,  
Design for the Environment

- 1C5. How does your school monitor hazardous waste?

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- 1C6. Is a Hazardous Waste Policy for storage, management and disposal of chemicals in laboratories and other areas with hazardous waste in place and actively enforced?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

- 1C7. Has your school been cited within three years for improper management of hazardous waste according to Federal and State regulations?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

\_\_\_\_\_ Don't Know

- 1C8. What percentage of total computer purchases by cost are Electronic Product Environmental Assessment Tool (EPEAT) certified products: \_\_\_\_\_%

How does your school dispose of unwanted computer and other electronic products? \_\_\_\_\_

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RESOURCES: EPEAT, EPA Reducing Risk From Hazardous Waste

- 1C9. What percentage by cost of all cleaning products in use are certified "green," or can otherwise demonstrate that they meet the environmental standards of established eco-label programs? \_\_\_\_\_%

Which standard(s) are you using? \_\_\_\_\_

- 1C10. Is your school's custodial program based on the principles of effective management and "green" service?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

RESOURCES: ISSA Cleaning Industry and Management Standards

- 1C11. Has your custodial program been certified by the ISSA Cleaning Industry Management Standard - Green Building (or an equivalent standard):

\_\_\_\_\_ Yes

\_\_\_\_\_ No

- 1C12. Describe any other indicators, not included above, of the school's reduction of solid waste and elimination of hazardous waste:

\_\_\_\_\_  
\_\_\_\_\_

#### **Element 1D: Use of alternative transportation to, during and from school**

- 1D1. What percentage of students walk, bike, bus, or carpool (2+ students in the car) to/from school? \_\_\_\_\_%

Describe how this information been collected and calculated: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

RESOURCES: DOT Pedestrian & Bicycle Safety, Safe Routes to Schools

- 1D2. Does your school have a no-idling policy on file and signs posted stating that all vehicles, including school buses and other vehicles dropping off and picking up students, are prohibited from idling on school premises?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

RESOURCES: EPA Clean School Bus USA

1D3. Are all vehicle loading & unloading areas at least 25 feet away from all buildings air intakes (including doors and windows)?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

1D4. Describe how your school transportation use is efficient and environmentally benign (e.g. the percentage of school-owned electric/hybrid/alternative fuel vehicles in your fleet, or other indicators of significant reductions in emissions):

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RESOURCES: CHPS Transportation Plan

1D5. Have "Safe Pedestrian Routes" to school or "Safe Routes to School" been designated, distributed to parents and posted in the main office?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

RESOURCES: Safe Routes to Schools

1D6. Describe any other accomplishments your school has made under Pillar One towards eliminating its negative environmental impact or improving your environmental footprint which you feel should be considered:

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**PILLAR TWO: The school environment has a "net positive" impact on student and staff health**

**Element 2A: Integrated school environmental health program** that is based on an operations and facility-wide environmental management system that considers student and staff health and safety in all practices related to design, construction, renovation, operations, and maintenance of schools and grounds

**INTEGRATED PEST MANAGEMENT**

2A1. Does your school have an integrated pest management plan in effect to reduce or eliminate pesticides?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

2A2. Does your school provide notification of your pest control policies, methods of application and requirements for posting and pre-notification to parents and school employees?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

2A3. Does your school maintain annual summaries of pesticide applications, copies of pesticide labels, copies of notices and MSDSs in an accessible location?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

2A4. Does your school prohibit children from entering the pesticide area for at least 8 hours following the application or longer, if feasible, or if required by the pesticide label?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

RESOURCES: EPA Integrated Pest Management for Schools

## VENTILATION

2A5a. Does your school meet the stricter standard of: ASHRAE Standard 62.1-2010 (Ventilation for Acceptable Indoor Air Quality) OR your state or local code?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

If yes, which standard is your school using? \_\_\_\_\_

RESOURCES: IDC 2006

2A5b. What percentage of your classrooms have window air conditioning units? \_\_\_\_\_

2A6. Are local exhaust systems (including dust collection systems, paint booths, and/or fume hoods) installed at all major airborne contaminant sources, including science labs, copy/printing facilities, chemical storage rooms?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

If yes, are they consistently used?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

2A7. Has your school installed energy recovery ventilation systems where feasible to bring in fresh air while recovering the heating or cooling from the conditioned air?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

RESOURCES: EPA Indoor Air Quality Tools for Schools

## CONTAMINANT CONTROLS

2A8. Carbon Monoxide (CO): If your school has combustion appliances(gas stove, gas waterheaters, bunsen burners, settling torches, kiln, etc.), does your school have an inventory of all combustion appliances & does your school annually inspect these appliances to ensure no release of Carbon Monoxide (CO)?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

\_\_\_\_\_ No combustion appliances

Are CO alarms installed which meet the requirements of the National Fire Protection Association code 720?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

RESOURCES: EPA Healthy Schools Environments Assessment Tool

2A9a. Mercury: Have all unnecessary mercury containing devices been replaced with non-mercury devices?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

\_\_\_\_\_ No mercury containing devices

Explain: \_\_\_\_\_

2A9b. Does your school recycle or dispose of unwanted mercury laboratory chemicals, mercury thermometers, gauges and other devices in accordance with federal, state and local environmental regulations:

\_\_\_\_\_ Yes

\_\_\_\_\_ No

\_\_\_\_\_ No mercury on campus

RESOURCES: EPA Schools and Mercury

2A10. Chromated Copper Arsenate (CCA): Have all wooden decks, stairs, playground equipment or other structures treated with Chromated Copper Arsenate been sealed within the past 12 months or replaced?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

\_\_\_\_\_ No CCA containing materials on campus

12A11. Secondhand Tobacco Smoke: Is smoking prohibited on campus?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

RESOURCES: CDC Guidelines for School Health Programs to Prevent Tobacco Use



2A12. Asthma Control: Does your school have an asthma management program in place consistent with the National Asthma Education and Prevention Program's (NAEPP) Asthma Friendly Schools Guidelines?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

RESOURCES: EPA Managing Asthma in Schools, CDC Tools for Making Your School Asthma-Friendly

2A13. Indoor Air Quality (IAQ): Have you developed and implemented a comprehensive indoor air quality management program consistent with IAQ Tools for Schools?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

RESOURCES: EPA Indoor Air Quality Tools for Schools

2A14. Moisture Control: Are all structures visually inspected on a regular basis and free of mold, moisture & water leakage?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

RESOURCES: EPA Mold Remediation in Schools and Commercial Buildings

2A15. Chemical Management: Does your school have a chemical management program in place that includes the following elements:

- Chemical purchasing policy, including low- or no-VOC products
- Chemical inventory
- Storage and labeling
- Training and handling
- Hazard communication
- Spills, clean-up and disposal
- Select EPA's Design for the Environment - approved cleaning products

\_\_\_\_\_ Yes

\_\_\_\_\_ No

Explain \_\_\_\_\_

**Element 2B: High standards of nutrition, nutrition education, physical activity, physical education, fitness and quantity of quality outdoor time for both students and staff.**

### **FOOD AND NUTRITION**

2B1. Has your school earned USDA's Healthier US School Challenge award for school food?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

List award level earned: \_\_\_\_\_

RESOURCES: USDA HealthierUS School Challenge

2B2. What percentage (by cost) of food purchased is certified as "environmentally preferable" (e.g. Organic, Fair Trade, Food Alliance, Rainforest Alliance, etc.)? \_\_\_\_\_%

RESOURCES: USDA Farm to School Program

2B3. What percentage (by cost) of food purchased is grown and processed within 200 miles of the school (including food grown on school grounds)? \_\_\_\_\_%

Does the school have an onsite garden in which the students participate?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

RESOURCES: USDA Agriculture In the Classroom

2B4. Does the school have an onsite food garden?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

If yes, does the school garden supply food for the school cafeteria?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

### **PHYSICAL EDUCATION, OUTDOOR OPPORTUNITIES, AND UV SAFETY**

2B5. What percentage of students over the past year engaged in at least 150 minutes of school-supervised physical education and/or outdoor activity time per week? \_\_\_\_\_%

- 2B6. What is the average amount of time over the past year that each student engages in school-supervised physical education (including outdoor activity time) per week?

\_\_\_\_\_minutes/week

- 2B7. What percentage of school-supervised physical education is spent outdoors annually?

\_\_\_\_\_%

RESOURCES: The President's Challenge, The First Lady's Let's Move!

- 2B8. What percentage of your current student body has participated in EPA's Sunwise Program or an equivalent program regarding UV protect and skin health? \_\_\_\_\_%

RESOURCES: EPA Sunwise Program

**COORDINATED SCHOOL HEALTH, MENTAL HEALTH,  
SCHOOL CLIMATE, AND SAFETY**

- 2B9. Does the school use a Coordinated School Health approach or other health related initiatives to address overall school health issues?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

If yes, describe the health related initiatives or approaches used by the school:

\_\_\_\_\_  
RESOURCE: Hawaii DOE School Health Index

- 2B10. Does the school partner with any community groups to support student health and/or safety?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

If yes, describe these partnerships:

- 2B11. Describe any other measures regarding the school's built and natural environment that your school takes to protect student and staff health and which you feel should be considered:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**PILLAR THREE: 100% of the school's graduates are environmentally and sustainability literate**

**LEARNING AND ENVIRONMENTAL LITERACY**

**Element 3A: Interdisciplinary learning about the key relationships between dynamic environmental, energy and human systems**

3A1. What percentage of last year's graduates scored proficient or better on state or school:

Environmental education assessments? \_\_\_\_\_%

Sustainability assessments? \_\_\_\_\_%

Environmental science assessments ? \_\_\_\_\_%

Briefly describe the assessment(s):

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3A2. Does your school or your state have an environmental or sustainability literacy graduation requirement?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

Describe: \_\_\_\_\_

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3A3. Are environmental and sustainability concepts integrated throughout the curriculum?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

Describe: \_\_\_\_\_

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RESOURCES: State Education & Environment Roundtable, Excellence in Environmental Education: Guidelines for Learning (K-12)

- 3A4. If your school is a high school, what percentage of your eligible graduates last year had completed Advanced Placement Environmental Science during their school career?

\_\_\_\_\_ %

What percentage of these students scored 3 or better on the Advanced Placement Environmental Science assessment? \_\_\_\_\_ %

RESOURCES: Advanced Placement Environmental Science

- 3A5. If either your state or school conduct environmental science, sustainability or environmental education assessments, what percentage of your students taking the assessments scored proficient or better on science education assessments in the last year?

\_\_\_\_\_ %

- 3A6. Are teacher professional development opportunities in environmental and sustainability education provided for all teachers in your school?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

Describe these professional development opportunities including the number and percentage of teachers who participated in these over the last 2 years:

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- 3A7. Does your school's environmental education program pay particular attention to scientific practices, 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 and applications based on evidence:

\_\_\_\_\_ Yes

\_\_\_\_\_ No

- 3A8. Do your students have meaningful outdoor experiences (an investigative or experiential project that engages students in critical thinking, problem solving and decision making) at every grade level?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

**Element 3B: Use of the environment and sustainability to develop science, technology, engineering & math (STEM) content knowledge and thinking skills to prepare graduates for the 21st century technology-driven economy**

- 3B1. Do your students matriculate or graduate with a robust general science education that includes a deep understanding of life, physical, and earth sciences?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

How many hours per week on average do students spend in science content classes? \_\_\_\_\_

- 3B2. If your school is a high school, does your curriculum provide a demonstrated connection between classroom content and college and career readiness, particularly to post-secondary options that focus explicitly on environmental and sustainability fields, studies, and/or careers?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

Describe these college and career connections:

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**COMMUNITY AND CIVIC ENGAGEMENT**

**Element 3C: Development of civic engagement knowledge and skills, and students' application of these to address sustainability and environmental issues in their community**

- 3C1. Are all students required to conduct an age-appropriate, self-selected civic/community engagement project at every grade level?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

What percentage of these projects focused on environmental or sustainability topics?

\_\_\_\_\_ %

What percentage of students satisfactorily completed such a project last year:

\_\_\_\_\_ %

- 3C2. What percentage of last year's graduates scored proficient or better on a community or civic engagement skills assessment? \_\_\_\_\_ %

- 3C3. Does your school partner with local academic, businesses, government, nonprofits, informal science institutions and/or other schools to help advance your school, other schools (particularly schools with lesser capacity in these areas), and community toward the 3 Pillars?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

Briefly describe the scope and impact of these partnerships:

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- 3C4. Does your school provide outdoor learning opportunities for students (e.g. outdoor classrooms)?

\_\_\_\_\_ Yes

\_\_\_\_\_ No

If yes, describe how outdoor learning is used to teach an array of subjects in context, engage the broader community, and develop civic skills:

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RESOURCES: Fish and Wildlife Service Schoolyard Habitats, NOAA, HEEA

- 3C5. What other indicators or benchmarks (quantified whenever possible) of your progress towards the goal of 100% of your graduates being environmental and sustainability literate does your school feel should be considered by the review committee?

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