**Rubric for Delaware’s Green Ribbon Schools Program**

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

**Cross-Cutting** questions: Participation in Green School Programs and/or Awards for Environmental and Sustainability Efforts (page 5)

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| --- | --- | --- | --- |
| **Number** | **Question** | **Scoring** | **Actual Points** |
| 1 | Is your school participating in a nationally recognized green school program which asks you to benchmark progress in some fashion? | 1pt |  |
| 2 | Has your school identified or created a place for teachers to go to share lessons on Sustainability | 1pt |  |
| 3  | Has your school board adopted Green Strategic plan? | 1 pt |  |
| 4 | Has your school created a Green Team?  | 1pt |  |
| 5 | Has your school seen a cost savings from green initiatives | 1pt |  |
|  | **Total Points (possible 5pts)** |  |  |

Pillar I

**Element 1A**: Reduced environmental impact and costs

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| **Number** | **Question** | **Scoring** | **Actual Points** |
| 1 | Can your school demonstrate a reduction in Greenhouse gas emissions? | 3 pts |  |
| 2 | Has your school conducted an energy audit of its facilities? | 3 pts |  |
| 3 | Has your school received EPA Energy Star certification or does it meet the requirements for Energy Star certification? | 1 pt |  |
| 4 | What percentage of your school’s energy is obtained from (on site renewable energy or purchased renewable) participated in USDA Fuel for schools, or state school energy | 2 pts |  |
| 5  | Has your school reduced its total non-transportation energy use from an initial baseline? | 3pts |  |
| 6 | In what year was your school originally constructed? Total building area | 1 pt |  |
| 7  | Has your school constructed or renovated buildings in the past 10 years  | 2 pts |  |
|  | **Total Points (possible 15 pts)** |  |  |

**Element 1B**: Improved water quality, efficiency, and conservation-Water/Grounds

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| --- | --- | --- | --- |
| 8 | Can you demonstrate a reduction in your school’s total water consumption from an initial baseline? | .5 pts |  |
| 9 | Describe any strategies you use to discourage single-use beverage containers on school property? | .5 pts |  |
| 10 | What percentage of your landscaping is considered water-efficient and/or regionally appropriate? | .5pts |  |
| 11 | What plants are native to your geographic location and how have you incorporated them? | .5 pts |  |
| 12 | Describe alternate water sources used for irrigation | .5 pts |  |
| 13 | Describe any efforts to reduce storm water runoff | .5 pts |  |
| 14 | What efforts are you doing to protect Delaware’s watershed  | 1 pts |  |
| 15 | Describe the program you have in place to control lead in drinking water | .5 pts |  |
| 16 | What percentage of the school grounds are devoted to ecologically beneficial uses? | .5 pts |  |
|  | **Total points (possible 5 pts)** |  |  |

**Element 1 C:** Reduce waste production-Water/Hazardous Waste

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| **Number** | **Question** | **Scoring** | **Actual Points** |
| 17 | What percentage of solid waste is diverted from land filling or incinerating due to reduction, recycling, and or composting? | 1 pt |  |
| 18 | What % of your school’s total office/classroom paper content is post-consumer material, fiber from forests certified as responsibly managed and/or chlorine free? | .5 pt |  |
| 19 | Describe how you have reduced your paper consumption? | .5pt |  |
| 20  | List the types and amounts of hazardous waste generated at your school | .5pt |  |
| 21 | Describe other measures taken to reduce solid waste and eliminate hazardous waste | 5.pt |  |
| 22 | If your school has a nurse’s office, how does the nurse track regulate medical waste? | 1pt |  |
| 23 | 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? | .5pt |  |
| 24  | Are there any Underground Storage Tanks located at your school? | .5 pt |  |
|  | **Total Points (possible 5 pts)** |  |  |

**Element 1D**: Use of alternative transportation

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| --- | --- | --- | --- |
| **Number** | **Question** | **Scoring** | **Actual Points** |
| 25 | What percentage of your students walk, bike, bus or carpool to/from school? | 1 pt |  |
| 26 | Has your school implemented? (carpooling parking stalls, no idling policy, vehicle loading 25 feet away from buildings, safe pedestrian routes, walk or bike days, walking and bicycling safety curriculum) | 2 pt |  |
| 27 | Describe how your school transportation use is efficient and has reduced its environmental impact | 1 pt |  |
| 28 | Describe any other efforts toward reducing environmental impact, focusing on innovative or unique practices or partnerships | 1pt |  |
|  | **Total points (possible 5 pts)** |  |  |

Pillar 2

**Element 2A**: Integrated school environmental health program

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| **Number** | **Question** | **Scoring** | **Actual points** |
| 1. | List all actions taken by your school to control and/or manage student’s exposure to pesticides | 2pts |  |
| 2 | Which of the following practices does your school employ to minimize exposure to hazardous contaminate? (prohibits smoking on campus in public school buses, identified and properly removed sources of elemental mercury, uses fuel burning appliances and protects occupants from CO, doesn’t have any fuel burning combustion appliances) | 5 pts |  |
| 3 | Describe how your school controls and manages chemicals routinely used in the school to minimize student and staff exposure | 1 pt |  |
| 4 | Describe actions your school takes to prevent exposure to asthma/other allergic triggers in and around school | 1pt |  |
| 5 | Describe actions your school takes to control moisture from leaks, condensation, and excess humidity and promptly cleanup mold or removes moldy materials when it is found | 2pt |  |
| 6 | Ours school has installed local exhaust systems for major airborne contaminant sources | 1pt |  |
| 7  | Describe your school’s practices for inspecting and maintaining the building’s ventilation system and all unit ventilators to ensure they are clean and operating properly | 1pt |  |
| 8 | Describe actions your school takes to ensure that all classrooms and other spaces are adequately ventilated with outside air, consistent with state or local codes or national standards. | 1pt |  |
| 9 | Describe other steps your school takes to protect indoor environmental quality such as (implementing EPA IAQ tools, conducting other periodic, comprehension inspections of the school facility to identify environmental health and safety issues | 1pt |  |
|  | **Total points (possible 15 points)** |  |  |

**Element 2B:** Nutrition and Fitness

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| **Number** | **Question** | **Scoring** | **Actual Points** |
| 10 | Which practices does your school employ to promote nutrition, physical education, physical activity, and overall school health? | 5 pts |  |
| 11 | Describe the type of outdoor education exercise and recreation available | 5 pts |  |
| 12 | Describe any other efforts to improve nutrition and fitness, highlighting innovative or unique practices and partnerships | 5 pts |  |
|  | Total points (possible 15 points) |  |  |

Pillar 3

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

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| **Number** | **Question** | **Scoring** | **Actual Points** |
| 1 | Which practices does your school employ to help ensure effective environmental and sustainability education?  | 4 pts |  |
| 1a | Our school has an environmental or sustainability literacy requirement | 4 pts |  |
| 1b | Environmental and sustainability concepts are integrated throughout the curriculum |  2 pts |  |
| 1c | Environmental and sustainability concepts are integrated into assessments | 4pts |  |
| 1d | Students evidence high levels of proficiency in these assessments | 2 pts |  |
| 1e | Professional development in environmental and sustainability education are provided to all teachers | 4 pts |  |
|  | **Total points (possible 20 points)** |  |  |

**Element 3B**: Use of the environment and sustainability to develop STEM content, knowledge, and thinking skills

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| **Number** | **Questions** | **Scoring** | **Actual Points** |
| 2 | Percentage of last year’s eligible graduates who completed the AP Environmental Science course (grades 9-12) | 1 pt |  |
| 3 | How does your school use sustainability and the environment as a context for learning science, technology, engineering and mathematics thinking skills and content knowledge? | 2 pts |  |
| 4 | How does your school use sustainability and the environment as a context for learning green technologies and career pathways? | 2 pts |  |
|  | **Total Points (possible 5 points)** |  |  |

**Element 3C**: Development and application of civil knowledge and skills

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| --- | --- | --- | --- |
| **Number** | **Question** | **Scoring** | **Actual Points** |
| 5 | Describe students’ civic/community engagement projects that integrate the environment, environmental justice and sustainability topics | 4 pts |  |
| 6 | Describe student’s meaningful outdoor learning experiences at every grade level and how it is used to teach an array of subjects in contexts, engage the broader community and develop civic skills | 3 pts |  |
| 7 | Describe your partnerships to help your school and other schools achieve in the 3 pillars | 3 pts |  |
|  | **Total Points (possible 10 pts)** |  |  |