

Dr. John D. Barge, State School Superintendent
“Making Education Work for All Georgians”

2012 Nominee to the U.S. Department of Education Green Ribbon Schools
Arabia Mountain High School

DeKalb County Schools
6610 Browns Mill Road
Lithonia, GA 30038

Environmental Stewards of Our Community

Arabia Mountain High School is an urban public high school in the State of Georgia. Arabia Mountain has an enrollment of 1,490 students, and more than 98% of the student population is African American. Although the school is not deemed as a Title I institution, more than 52% of the students qualify for free and reduced lunch. Research studies suggest that a school such as Arabia Mountain would not be attractive to our student body. Moreover, research suggests that minorities are not involved, nor concerned about environmental sustainability. Arabia Mountain High School defies the current body of research. Arabia Mountain High is both a magnet and a school choice option within our county. Our students and their parents make a conscious decision to travel to Arabia Mountain High via shuttle bus, carpool, or bike because of our environmental curriculum; high levels of academic achievement; awards and recognition; and our unwavering focus on environmental sustainability. The paragraphs to follow will demonstrate the many reasons that Arabia Mountain High School should be selected as a National Green Ribbon School.

The curriculum at Arabia Mountain High School is purposely merged with the EIC model (Environment as the Integrating Context Model). All teachers at Arabia Mountain High meet in a collaborative fashion to connect their content standards with the EIC model. This empowers teachers to provide students with an environmental education, while also addressing the Georgia

Performance Standards. Additionally, the EIC model gives our students an opportunity to engage in hands on learning with a focus on topics such as ecosystems, pollution, energy, and heritage. It is also important to note that all students at Arabia Mountain engage in EIC projects during first and second semester. EIC projects provide students with an opportunity to formulate hypotheses about the environment, conduct scientific investigations, present their findings, and engage in service learning. The EIC project also requires our students to share their findings with members of the local community, with the hopes of expanding the knowledge base surrounding environmental sustainability.

Arabia Mountain High School also has a strong record of high academic achievement. Although the school has only been in existence for three years, we have made AYP each year.

Additionally, our pass rates on the Georgia High School Graduation test in the areas of Language Arts, Writing, Science, Math, and Social Studies have exceeded the pass rate of the DeKalb County School District and the State of Georgia. In addition to a high pass rate on the Georgia High School Graduation Test, we also have a large number of students to enroll in Advanced Placement courses and take Advanced Placement exams. Last year, our students took more than 1,100 AP exams. It is also important to note that our inaugural graduating class of 2011 garnered a 98% graduation rate. Our graduates are currently enrolled in Ivy League institutions, Historically Black Colleges and Universities, and large research institutions across the country.

Arabia Mountain High School opened its doors in August 2009. Although only three years old, our school has achieved a great deal of recognition. Some of our awards are: 2011 Award for Leadership in Environmental Curriculum by the Georgia Chapter of the U.S. Green Building Council; the Captain Planet Award by the Captain Planet Foundation; recognition as an Advanced Placement Honor School by the Georgia Department of Education, and designation as an EIC Model School. We have also established valuable partnerships with organizations such as The Turner Foundation; The Georgia Power Company; The Arabia Mountain Heritage Alliance; IKEA; The Nature Conservancy; The Oxford Institute for Environmental Education; and Arabia Mountain Park. Moreover, there are a number of community business partners that work to provide our students with internships and summer jobs.

We are also very proud of our sustainability efforts at Arabia Mountain High School. As a neighbor within a National Heritage area, we have a low impact on the environment through our waterless urinals, bike paths, use of renewable energy, and the use of natural lighting throughout the building. We also have a school-wide recycling program, a no idling program, and we are the only high school in the State of Georgia that has the AQI school flag program. Finally, there is an environmental protocol for purchases of items such as paper, furniture, and school supplies.

We work hard to maintain a focus on environmental sustainability, and we are committed to educating our students about the importance of being good environmental stewards. We have proven that minority children and their families are interested in improving the conditions of the environment, and that a focus on environmental education promotes a high level of academic achievement. Therefore, we urge you to strongly consider Arabia Mountain High School as a National Green Ribbon School.

GEORGIA GREEN RIBBON APPLICATION

1. School Name: **Arabia Mountain High School**
2. School address: **6610 Browns Mill Road Lithonia, GA 30038**
3. This survey must be submitted by either the school Principal, Superintendent, Assistant Superintendent or Facility Director. Please indicate who will be submitting this survey.
Principal
4. First and last name of person submitting this survey: **Dr. LaShawn McMillan**
5. Phone Number: **678-875-3603**
6. Email Address: **LaShawn_McMillan@fc.dekalb.k12.ga.us**
7. Is your school a public or private school? **Public**
8. What is the name of your School System? **DeKalb County School District**
9. Is your School a Title 1 School? **No**
10. How many students attend your school? **1490**
11. What grades are covered in your school? **9-12**
12. What is the square footage of your school? **231,603 SF**
13. What year was your school built? **2008**
14. What year was your school retrofit (if applicable)? **NA**
15. Energy and Greenhouse Gases: Has your School earned EPA's ENERGY STAR certification? Reference Material: [DOE and EPA ENERGY STAR for K-12 School Districts](#) and [DOE Purchasing Specifications for Energy Efficient Products](#) **No**
16. What is your reduction of total energy use intensity from an initial baseline measured in kBTU/square foot/year? Please indicate the percent reduction from initial baseline tracked in ENERGY STAR Portfolio Manager. **NA**
17. What is the percentage of water use reduction from the initial baseline tracked in ENERGY STAR Portfolio Manager? **NA**

18. Renewal Energy: What is the percentage of energy consumption derived from on-site renewable energy generation? Reference Material: [Advanced Energy Design Guide for K-12 School Buildings](#) and [USGBC Center for Green Schools](#)

Percentage of energy consumption from on-site renewables - **unknown**
Type(s) of renewable energy - **Solar, Wind, Biomass, and Hydro**

19. What is the percentage of energy from purchased renewable energy? **60.9%**
Type(s) of renewable energy purchased - Arabia Mountain High School purchased renewable energy from the Georgia Power Company. Georgia Power is a Green-E Certified renewable [energy provider](#) with [energy sources](#) such as solar, wind, biomass, and hydro.

20. Certifications: Goal: All building areas that have been constructed or undergone major renovations in the past three years must meet Leadership in Energy and [Environmental Design](#) (LEED), Collaborative for High Performance Schools (CHPS), Green Globes or comparable standards. Has your School Building ACHIEVED LEED Existing Buildings: Operation & Maintenance, CHPS Operations, Green Globes or comparable standards?
Yes we have ACHIEVED certification

21. What type of certification have you REGISTERED for? **NA**

22. What type of certification have you ACHIEVED?
Other comparable program (please specify) - **LEED NC Version 2.2 [Silver](#) Certification**

23. What percentage of your building area meets the goal of ACHIEVING certification in LEED Existing Buildings: Operation & Maintenance, CHPS Operations, Green Globes or comparable standards? **100%**

24. Has your School conducted an energy assessment and implemented energy management practices similar to the Facility Energy Assessment Matrix within EPA's Guidelines for Energy Management? Reference Material: [ENERGY STAR for Federal Agencies](#) and [EPA's Guidelines for Energy Management Overview](#) **No**

25. Goal: GHG emissions from building energy use have been reduced or offset. What is your BASELINE total GHG Emissions (MtCO₂e)? Reference Material: [EPA Portfolio Manager](#) and [DOE State Energy Program](#)
Baseline total GHG Emissions (MtCO₂e): - **unknown**
Baseline Year: - **NA**

26. What is the CURRENT TOTAL GHG Emissions (MtCO₂e)? **unknown**

27. Goal: All furniture purchases are "level" certified by the Business and Institutional Furniture Manufacturers Association (BIFMA). Thinking of all of the furniture in the school, what percentage of the total by cost is "level" certified by the Business and Institutional Furniture Manufacturers Association (BIFMA)? Reference Material: [BIFMA's level Standard](#) **95%**

28. Water - Does your School/School District have energy and water efficient product purchasing and procurement policies in place? **Yes**

29. Which of the following practices are employed at your School to increase water efficiency and ensure quality (check all that apply)?

Outdoor landscaping is water-efficient and created from regionally appropriate plant choices.

Irrigation system and schedule are appropriate for the climate, soil conditions, plant materials, grading and season Reference Material: [EPA WaterSense: Outdoor Water Use](#)

All potable water meets federal, state and local water quality standards Reference Material: [EPA Drinking Water in Schools & Childcare Facilities](#)

Taps, faucets and fountains used for drinking and cooking are cleaned on a regular basis to reduce possible bacterial contamination: including regularly cleaning faucet screens and aerators to remove particulate lead deposits.

30. Grounds - Are School grounds devoted to ecologically or socially beneficial uses, including those that give consideration to native wildlife? Reference Material: [Fish and Wildlife Service Schoolyard Habitats](#) **Yes**

31. Waste - How much solid waste is disposed at your School? Reference Material: [EPA WasteWise](#)

Total tonnage sent to landfills last year: - 90.18

Total tonnage recycled/composted/diverted for reuse last year: - 72

32. Is the office paper at your school composed of recycled content in accordance with EPA's Comprehensive Procurement Guide or fiber from forests certified as responsibly managed by the Forest Stewardship Council, Sustainable Forestry Initiative, American Tree Farm System or comparable certification standard?

Percentage of paper with recycled content - 100%

Percentage of paper with post-consumer recycled content - 100%

Percentage of paper with fiber from certified forests - 100%

33. At your School is all office paper content "totally chlorine-free" (TCF) or "processed-chlorine-free" (PCF)? Reference Material: [EPA's Comprehensive Procurement Guide](#) **Yes**

34. What types of waste reduction and environmental preferable purchasing practices has your school implemented (check all that apply)?

We buy other environmentally preferable items beyond paper.

School records are stored electronically.

Correspondence with staff is done by email.

Correspondence with parents is done by email.

School manages finances electronically.

Homework and quizzes are assigned online.

Staff members print two-sided copies.

Food is served on reusable trays.

Cafeteria uses metal silverware.

School encourages students to pack a waste-free lunch.

School conducts special programs to encourage donation or reuse of items generated from classroom or locker cleanouts.

35. Hazardous Waste - What percentage of the computer equipment in your School is certified using the Electronic Product Environmental Assessment Tool (EPEAT)? Reference Material: [CDC Hazardous Waste Self-Management Checklist](#) **100%**

36. Does your School have a Hazardous Waste Policy for storage, management and disposal of laboratory chemicals and other areas with hazardous waste?

Yes

The Arabia Mountain Science Department in compliance with DeKalb County School District policies, does not purchase, use, or store hazardous chemicals in our building.

Therefore, no hazardous wastes are generated. More than 95% of the laboratory exercises performed in the department are from the "Green Chemistry Laboratory Manual" by Dr. Sally Henrie, et.al. The department uses the "Compatible Chemical Families Labels" method to identify and quantify any inorganic and organic wastes that may be generated in the advanced chemistry laboratory exercises. The county science coordinators facilitate the removal of such wastes at the end of each school year or earlier as requested by the department chair.

37. How many pounds of hazardous waste are generated per student per year? **None**

38. In your School, are all cleaning products and services in use certified "green," or can otherwise demonstrate that they meet the environmental standards of established ecolabel programs? Reference Material: [Design for the Environment](#) **Yes**

39. Has your School applied for and is making progress toward certification to the ISSA Cleaning Industry Management Standard - Green Building (CIMS-GB), the Green Seal Standard for Commercial and Institutional Cleaning Services, GS-42 or equivalent standard? Reference Materials: [EPA Schools Chemical Cleanout Campaign](#) and "[EPA Buy Clean](#)" and [EPA Design for the Environment, Green Seal, Eco Logo, ISSA CIMS or comparable cleaning standards](#) **Yes**

40. What practices do you employ at your School concerning transportation (check all that apply)?

Anti-Idling Program - Reference Material: [EPA Clean School Bus USA](#)

Clean Air Schools No Idling Program - Reference Material: [GA Clean Air Campaign - Schools](#)

Signs posted stating that all vehicles, including school buses, are prohibited from idling on school premises.

41. What is the percentage of students who walk, bike, bus or carpool (2+ students in the car) to/from school? Reference Material: [DOT Pedestrian & Bicycle Safety](#) **52%**

42. What is the percentage of school-owned electric vehicles? Reference Material: [CHPS Transportation Plan](#) **0%**

43. Have you received funding for diesel retrofits for school buses? **No**

44. What percentage of your buses have been retrofitted or use alternative fuel? **0%**

45. Please describe any other means used to demonstrate significant reductions in emissions in your school vehicles.

At the completion of the retrofit program (March 1, 2012) the Transportation Department will have retrofitted 372 vehicles. 33 buses retrofitted with diesel particulate filters (DPF), and 339 buses retrofitted with diesel oxidation catalyst (DOC).

46. Integrated Pest Management - Is your School implementing an integrated pest management plan? Reference Material: [EPA Integrated Pest Management for Schools](#) **Yes**

47. Does your School provide notification of their pest control policies, methods of application and requirements for posting and pre-notification to parents and school employees? **Yes**

48. Does your School maintain annual summaries of pesticide applications, copies of pesticide labels, copies of notices and MSDSs in an accessible location? **Yes**

49. Are children prohibited 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**

50. Ventilation - Does your School use the stricter of "ASHRAE Standard 62.1-2010 (Ventilation for Acceptable Indoor Air Quality) OR state or local code? Reference Material: [EPA Indoor Air Quality Tools for Schools](#) **We use our State or Local Code.**

51. In your School, are local exhaust systems (including dust collection systems, paint booths, fume hoods) installed at airborne contaminant sources, including science labs, copy/printing facilities, chemical storage rooms? **Yes**

52. Contaminant Control: Radon - In your School, have all ground-contact classrooms been tested for radon within the past 24 months? Reference Material: [EPA Radon Information](#) **Yes**

53. Were any radon levels greater than >4 pCi/L? **No**

54. Are all levels of radon >4 pCi/L mitigated in conformance with ASTM E2121? **NA**

55. Contaminant Control: Carbon Monoxide - Does your School have combustion appliances? Reference Material: [EPA Healthy Schools Environments Assessment Tool](#) **Yes, 10%**

56. Does your School have an inventory of all combustion appliances so you can monitor carbon monoxide? **Yes**

57. Are those combustion appliances inspected annually? **Yes**

58. Are CO alarms installed that meet the requirements of the National Fire Protection Association (NFPA) code 720? **Yes**

59. Contaminant Control: Mercury - Has your School has replaced all unnecessary mercury containing devices with non-mercury devices? Reference Material: [EPA Schools and Mercury](#) **Yes**

60. 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**

61. Contaminant Control: Chromated Copper Arsenate - Have wooden decks, stairs, playground equipment or other structures been treated with Chromated Copper Arsenate? **Yes**

62. Have the wooden decks, stairs, playground equipment or other structures treated with Chromated Copper Arsenate been sealed or replaced in the last 12 months? **No**

63. Contaminant Control: Tobacco Smoke - Does your School permit smoking on campus? Reference Material: [CDC Guidelines for School Health Programs to Prevent Tobacco Use](#) **No**

64. 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? Reference Material: [EPA Managing Asthma in Schools](#) and [CDC Tools for Making Your School Asthma-Friendly](#) **Yes**

65. Indoor Air Quality - Has your School developed and implemented a comprehensive indoor air quality management program consistent with IAQ Tools for Schools? Reference Material: [EPA Indoor Air Quality Tools for Schools](#) **Yes**

66. Moisture Control - Are all structures in your School visually inspected and free of mold, moisture & water leakage? Reference Material: "[EPA Mold Remediation in Schools and Commercial Buildings](#)" **Yes**

67. Is the Indoor relative humidity maintained below 60% (cold climates during freezing temperatures should target 20-30%)? **Yes**

68. Are moisture resistant materials/protective systems installed (e.g., flooring, tub/shower, backing, and piping)? **Yes**

69. Chemical Management - Does your School have a chemical management program in place that includes the following elements: Reference Material: [EPA Indoor Air Quality Tools for Schools](#); See also [hazardous waste resources above](#)

Yes

Chemical purchasing policy, including low- or no-VOC products

Chemical inventory

Storage and labeling policy

Training and handling policy

Hazard communication policy

Spills, clean-up and disposal policies

70. Does your School use any of the following standards with Chemical Management?

No-DFE

Yes-Green Seal

Yes-Eco Logo

No-Comparable standard for approved cleaning products

71. Fitness and Outdoor Time - At your School, do students engage in at least 150 minutes of school-supervised physical education and/or outdoor time per week? Reference Material: [The First Lady's Let's Move!](#) and [The President's Challenge](#) **Yes**

72. What percentage of students? **62.3%**

73. Food - Has your School earned a USDA Healthier US School Challenge Award of Distinction for school food? Reference Materials: [HealthierUS School Challenge](#) and [USDA People's Garden School Program](#) and [USDA Agriculture In the Classroom](#) and [USDA Farm to School Program](#) **No**

74. What percentage of food purchased for your School is certified as environmentally preferable (e.g. Organic, FairTrade, Food Alliance, Rainforest Alliance)?

10%

75. What percentage of food purchased for your School is grown and processed within 200 miles of the school, which may include on school grounds? **100%**

76. Does your School participate in these programs (check all that apply)?

GA Farm to School - GA Organics - Reference Material: [GA Organics - Farm to School Program](#)

77. UV Safety - Does your School participate in the Sunwise Program? Reference Material: [EPA Sunwise Program](#) **No**

78. Do students at your School learn about the environment and sustainability at every grade level within the school, incorporating both content and practice? Reference Material: [ED Federal Resources for Educational Excellence \(FREE\), Environment](#)

Yes

All students at Arabia Mountain High School are engaged with environmental studies. Each grade level has a theme (ecosystems, pollution, energy, heritage) in which students create an investigation to research an issue and propose solutions. Students' investigations occur for the duration of the school year by incorporating standards from all courses into the project. During the first semester students research the issue; students develop an application of the research during the second semester through service learning.

79. Do students have a meaningful outdoor experience(s) at every grade level; a meaningful experience is considered to be an investigative or experiential project that engages students in critical thinking, problem solving and decision making? Reference Material: [Hands on the Land](#)

Yes

Through their investigations students are required to use real experimental data to support their hypotheses. While other research is valuable, we require students to create their own experiments and findings. Students are then required to identify an application to a community need in their investigation and complete service learning.

80. Are the environment and sustainability education integrated throughout the curriculum?

Reference Material: [National Park Service Education Resources](#) and [EPA President's Environmental Youth Awards](#)

Yes

Our EIC (Environment as an Integrating Context for Learning) model is the framework for our entire curriculum. Teachers plan collaboratively to integrate content standards into a grade-level environmental theme. These standards help drive the students' investigations. Our master schedule is built to allow time for teachers to conduct this planning.

81. Are professional development opportunities in environmental and sustainability education available to all teachers? Reference Materials: [EPA Environmental Education Grants](#) and [EPA Teacher Resources and Lesson Plans](#)

Yes

Our teachers attend a variety of professional development opportunities. Many spend their summers partnered with local colleges and environmental agencies such as The Conservancy. The teachers also conduct scientific investigations, similar to what the students investigate. Our teachers also attend extensive training for the EIC curriculum model.

82. What percentage of teachers participated in environmental education-focused professional development opportunities within the last year? **100%**

83. Please describe the type(s) of environment-focused, sustainability classes, trainings or conferences teachers attended.

All of our teachers have participated in EIC training, a research based model that focuses on sustainability within the confines of daily instruction. Some of our teachers have also participated in extensive training with the LEAF program and have also dedicated their summer vacation to professional development with the Conservancy.

84. What is the percentage of graduates that score proficient or better on state or school environmental science or environmental literacy assessments? Reference Materials: [DOE STEM Teacher Development](#) and [Excellence in Environmental Education: Guidelines for Learning \(K-12\)](#)

100% on the Science Section of the Georgia High School Graduation Test.

85. What is the percentage of graduates who have completed AP Environmental Science? Reference Material: [NOAA Climate Services: Education](#) **100%**

86. Of the students who have who have completed AP Environmental Science what percentage of graduates scored 3 or better? **7%**

87. Has your School established an environmental or sustainability literacy graduation requirement? Reference Material: [Green Education Foundation Sustainability Education Clearinghouse](#)

Yes

All students at Arabia Mountain High School are required to take and pass Environmental Science. Additionally, all students are required to complete an EIC project during both first and second semester. The EIC project requires that the student develop a research study that will help to increase community awareness about the environment and its sustainability. Furthermore, students are required to engage in service learning surrounding their selected area of study.

88. If no, is your School moving toward establishing an environmental or sustainability literacy graduation requirement? **NA**

89. At your School, does environmental education 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 from evidence? Reference Material: [Climate Change, Wildlife and Wildlands Toolkit for Formal and Informal Educators](#) and [EnergyKids](#)

Yes

Students collect and analyze experimental data. They study world populations, social and economic impact on population. They study ecosystems and the interactions of living organisms. They study global physical phenomena, causes, effects and remedies. In short, they study science by using the scientific method.

90. At your School do students graduate with robust general science education that includes a deep understanding of life, physical, and earth sciences? **Yes**

91. Does the curriculum provide a demonstrated connection between classroom content and college and career readiness, particularly to post-secondary options that focus on environmental and sustainability fields studies and/or careers? Reference Materials: [Nature Net Educational Resources](#) and [NOAA B-WET](#) and [DOE H2 Educate](#)

Yes

The stated curriculum within Career Technology Agricultural Education focuses on a wide variety of career options however, information is not taught and/or connects directly to the environmental fields of study. However, to help promote the vision of Arabia Mountain High School, we as teachers find opportunities to infuse such practices within the curriculum. For example, students may learn about running a green business and the legal ramifications that may be imposed if a business owner fails to comply with the standards and regulations implemented by the specific governmental agencies. Healthcare introduces biotechnology career options but not in depth. Culinary and Agriculture collaborate through a composting initiative.

92. Each school year, what percentage of students successfully complete an age appropriate community engagement project around a self-selected environmental or sustainability topic?
100%

93. Do all graduates score proficient or better in a community and civic engagement skills assessment? **Yes**

94. Does your School partner with local academic, business and informal education institutions and/or other schools to help advance the school toward the 3 Pillars and/or assist the progress of (an)other school(s), particularly a school with lesser capacity in these areas? Reference Material: [Facing the Future's Curriculum and Lesson Finder](#)

Yes

We are partners with The Turner Foundation (which provides us opportunities to work with other schools), the USGBC, The Nature Conservancy, GA Power, Arabia Mountain Alliance, and local colleges and universities.

95. Does your School develop outdoor classrooms on your grounds that include native plantings?
Reference Material: [Fish and Wildlife Service Schoolyard Habitats](#)

Yes

We have 3 outdoor classrooms. We have students creating additional classrooms at the local park.

96. Does your School use these outdoor classrooms to teach an array of subjects in context, engage the broader community and develop civic skills?

Yes

Our teachers frequent the outdoor classrooms. Teachers also use areas (retention ponds, woods, lawn, wetlands) to use with their lessons.

97. What percentage of classes use the outdoor classrooms for instruction:

1-3 times per year - 60%

4-6 times per year - 30%

7-10 times per year - 5%

11+ times per year - 5%

ARABIA MOUNTAIN SCORING RUBRIC

(83)

School Name: Arabia Mountain High School			Points
Participation in Green School Programs and/or Awards for Environmental and Sustainability Efforts.			5 points
1 pt	2-3pts	4-5 pts	
School participates in a program that benchmarks progress	In addition, school has received one award	In addition, school has received more than one award and has achieved an advanced level of progress in at least one recognized program	5
Element IA: Improved energy conservation/energy-efficient building(s).			15 points
1-5 pts	6-10pts	11-15 pts	
School demonstrates some reduced energy use	School has an Energy Star rating and an Energy Master Plan; demonstrates substantial reductions in electricity and heating energy use and carbon footprint; generates or purchases some renewable energy; has green building recognition for some new, renovated and/or existing buildings at minimum Silver level or equivalent; measures and offsets some of its remaining carbon footprint.	School has an Energy Master Plan; is Energy Star rated above 90; demonstrates reductions from baseline in electricity, heating and carbon footprint of 35% or more; >50% of energy use comes from renewable sources; offsets a <i>substantial</i> amount of its remaining footprint; has received green building recognition at the Gold or higher for all new, renovated, and existing buildings.	10
Element IB: Improved water quality, efficiency, and conservation			5 points
1 pt	2-3 pts	4-5 pts	
The school protects its water from contaminants; cleans its drinking water fountains and controls lead in drinking water.	In addition, the school has smart irrigation and landscaping that is water-efficient; conducts annual water audits and controls leaks; installs <i>some</i> water-conserving fixtures and/or appliances (e.g. waterless urinals, dual-flush toilets, appliances); and can demonstrate a <i>modest</i> amount of reduction in water-use compared to baseline.	In addition, the school demonstrates a <i>substantial</i> amount of reduction in water-use compared to baseline; uses <i>only</i> alternative water sources for irrigation (e.g. gray water; rainwater harvesting); provides <i>only</i> water-efficient fixtures; and uses other creative measures for protecting and conserving water at the school site (e.g. bioswales for controlling runoff).	3
Element IC: Reduced waste production and improved recycling and composting programs			5 points
1-2 pts	3-4 pts	5 pts	
School monitors its hazardous waste and disposes of it as required by state law; has a recycling program that diverts 20% of its solid waste (but no organics/compost); purchases some paper with <i>some</i> recycled content; uses <i>some</i> "third-party certified"	In addition, school also has a pollution prevention approach to hazardous chemicals; recycles computer and electronics responsibly; purchases some electronics with E-PEAT certification; uses <i>substantial</i> amount of "third-party certified" cleaning products; has a recycling program that diverts 35% of its	School also has made <i>substantial</i> , measured progress towards a "zero waste" goal; has a recycling program that diverts 50% or more of its solid waste (including organics like yard waste and food waste); purchases <i>substantial</i> amounts of paper with > 30% recycled content, and chlorine-free; has an environmentally-preferable purchasing policy and a hazardous waste management policy that reduces and	5

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cleaning products; and describes a few creative ways the school community practices the 4Rs.	solid waste (some organics/ compost, such as yard waste); purchases <i>substantial</i> amounts of paper with recycled and chlorine-free content.	prevents solid and hazardous wastes; uses 100% "third-party certified" cleaning products (not including disinfectants); has a custodial program that meets "green" institutional services standards; and describes several creative ways the school community practices the 4Rs.	
Element ID: Use of alternative transportation to, during, and from school			5 points
1-2 pts	3-4 pts	5 pts	
School has programs in place to promote more efficient and healthier transportation, including designated carpool stalls, anti-idling policy, no loading/unloading near air intakes; has some percentage of students that do not drive in a single vehicle to school, and has some means of connecting students to the schoolyard.	In addition, school has a high percentage of students that do not drive in a single vehicle to school; participates in Safe Routes to Schools and identifies safe pedestrian routes; adopts a policy to promote active transportation; and has several means of connecting students to the schoolyard.	In addition, school has alternative-fuel buses and other creative means of promoting alternative transportation.	4
Element IIA: An integrated school environmental health program			15 points
1-5 pts	6-10pts	11-15 pts	
School complies with all relevant state laws related to pesticides, mercury, tobacco and other hazardous materials; ensures good ventilation; keeps relative humidity below 60%; contains no mold; has CO alarms and inventory of appliances; complies with radon laws.	In addition, school tests classrooms for radon within last 24 months; implements an Integrated Pest Management plan that eliminates pesticides; implements an Indoor Air Quality Program equivalent to Tools for Schools; uses "third-party certified" cleaning products; actively manages chemicals; and describes other measures of student and staff health and safety.	School has completed everything in this section and uses an aggressive approach to eliminating environmental health and safety hazards (physical, biological, chemical, natural).	15
Element IIB: High standards of nutrition, fitness, and quantity of quality outdoor time			15 points
1-5 pts	6-10pts	11-15 pts	
School conducts at least an average of 120 minutes per week per student of physical education with a reasonable amount conducted outdoors; has an on-site food garden; and participates in some nutrition program.	School also participates in a farm-to-school program; participates in USDA or other nutrition program at a high level; students participate in Sunwise-type program; some food purchased is certified organic; food from school garden is eaten by students.	School also purchases a <i>substantial amount</i> of food certified organic; reduced UV and heat exposure; more than 50% of physical education annually takes place outdoors; and undertakes other measures to promote healthy nutrition, and high quality outdoor time.	6

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Element IIIA: Interdisciplinary learning about the key relationships between dynamic environmental, energy, and human systems				20 points
1-5 pts	6-10pts	11-15	15-20	
School incorporates limited environmental and sustainability (E/S) activities in some grades; includes limited E/S concepts in some assessments; and <20% of teachers participate in occasional E/S professional development opportunities.	School integrates E/S concepts into many subjects; integrates E/S into some class and school assessments; >50% of teachers participate in occasional E/S professional development opportunities; enrolls at least 5% of the school's eligible graduates in AP environmental science during their high school career.	School focuses E/S literacy efforts on understanding the key relationships between dynamic environmental, social, and economic systems; incorporates E/S themes and topics in many grades, subjects, classroom and school assessments; >75% of teachers participate in one or more E/S professional development opportunities annually.	School has an E/S graduation/ matriculation requirement which is focused on understanding the key relationships between dynamic environmental, social, and economic systems; fully integrated E/S into the curricula scope and sequence of learning and matriculation standards for all grades; enrolls >5% of the school's eligible graduates in AP environmental science during their high school career.	20
Element IIIB: Use of the environment and sustainability to develop Science, Technology, Engineering, and Mathematics (STEM) content, knowledge, and thinking skills				5 points
1-3 pts	4-5 pts			
School <i>sometimes</i> integrates E/S into science courses; makes <i>some</i> connections to E/S careers; and provides <i>some</i> additional evidence about links to STEM.	School <i>frequently</i> integrates E/S concepts into STEM courses; curricula makes <i>many</i> connections throughout to E/S careers, career tech/green jobs; offers E/S related CTE courses; and provides a substantial amount of additional evidence about links to STEM education.			5
Element IIIC: Development and application of civic engagement knowledge and skills				10 points
1-3 pts	4-7 pts	8-10 pts		
School has civic projects related to environment and sustainability in <i>some</i> grades; occasional meaningful outdoor learning experiences in a <i>few</i> grades; and a <i>few</i> community partnerships, perhaps only involving donations of funds/supplies.	In addition, school employs best practices for inquiry-based, hands-on, experiential learning in both their civic and outdoor experiences; projects are not "one-off" but instead are in-depth service learning and civic projects fully integrated with school's academic coursework.	School receives full credit when <i>all</i> grades have civic projects; when <i>all</i> grades have meaningful outdoor learning experiences; and when the <i>quality</i> and <i>quantity</i> of community partnerships <i>results</i> in sustainability advances at the <i>school, other schools and the wider community</i> . Higher points for inspiring and creative projects and partnerships.		10

Total: 83

U.S. DEPARTMENT OF EDUCATION
GreenRibbonSchools

U.S. Department of Education
Green Ribbon Schools 2012

For Public Schools only: (Check all that apply) [] Charter [] Title I [X] Magnet [X] Choice

Name of Principal Dr. Lashawn McMillan
(Specify: Ms., Miss, Mrs., Dr., Mr., etc.) (As it should appear in the official records)

Official School Name Arabia Mountain High School
(As it should appear in the official records)

School Mailing Address 6610 Browns Mill Road
(If address is P.O. Box, also include street address.)

Lithonia GA 30038
City State Zip

County Dekalb State School Code Number* 503

Telephone (678) 875-3602 Fax (678) 875-3610

Web site/URL http://www.dekalb.k12.ga.us/arabiamtnhs/ E-mail lashawn_mcmillan@fc.dekalb.k12.ga.us

I have reviewed the information in this application, including the award and eligibility requirements on page 2-4, and certify that to the best of my knowledge all information is accurate.

Lashawn McMillan Date 3/16/12
(Principal's Signature)

Name of Superintendent* Dr. Cheryl Atkinson
(Specify: Ms., Miss, Mrs., Dr., Mr., Other)

District Name* Dekalb County School District Tel. (678) 676-1200

I have reviewed the information in this application, including the award and eligibility requirements on page 2-4, and certify that to the best of my knowledge all information is accurate. I concur that this is one of the highest performing green school applicants in our state.

Cheryl Atkinson Date 3/13/12
(Superintendent's Signature)

*Private Schools: If the information requested is not applicable, write N/A in the space.

toward the three Green School Pillars and Elements.

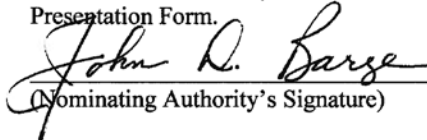
4. The school meets all applicable federal civil rights and federal, state, tribal and local health, environmental and safety requirements in law, regulations and policy and is willing to undergo EPA on-site verification.

Name of Nominating Agency **Georgia Department of Education**

Name of Nominating Authority **Dr. John D. Barge, State School Superintendent**

(Specify: Ms., Miss, Mrs., Dr., Mr., Other)

I have reviewed the information in this application, including the award and eligibility requirements on pages 2-4, and certify, to the best of my knowledge through a documentary verification assessment, that the school meets the provisions in this Part of the Nominee Presentation Form.


(Nominating Authority's Signature)

Date 3/21/12

Note to Nominating Authority: The application, including the signed certifications and documentation of evaluation in the three pillars should be converted to a PDF file and emailed to Director, ED-Green Ribbon Schools at green.ribbon.schools@ed.gov according to the instructions in the Nominee Submission Procedure.

Public Burden Statement

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless such collection displays a valid OMB control number. The valid OMB control number for this information collection is 1860-0509. Public reporting burden for this collection of information is estimated to average 37 hours per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. The obligation to respond to this collection is required to obtain or retain benefit P.L. 107-110, Sec. 501, Innovative Programs and Parental Choice Provisions. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the U.S. Department of Education, 400 Maryland Ave., SW, Washington, DC 20202-4536 or email ICDocketMgr@ed.gov and reference the OMB Control Number 1860-0509. Note: Please do not return the completed ED-Green Ribbon Schools application to this address.



