



Massachusetts Green Ribbon Schools

Emma Krause
DOER Green Communities Division

Lauren Greene, Program Coordinator
Dept. of Elementary & Secondary Education (ESE)

Phoebe Beierle
Sustainability Manager, Boston Public Schools

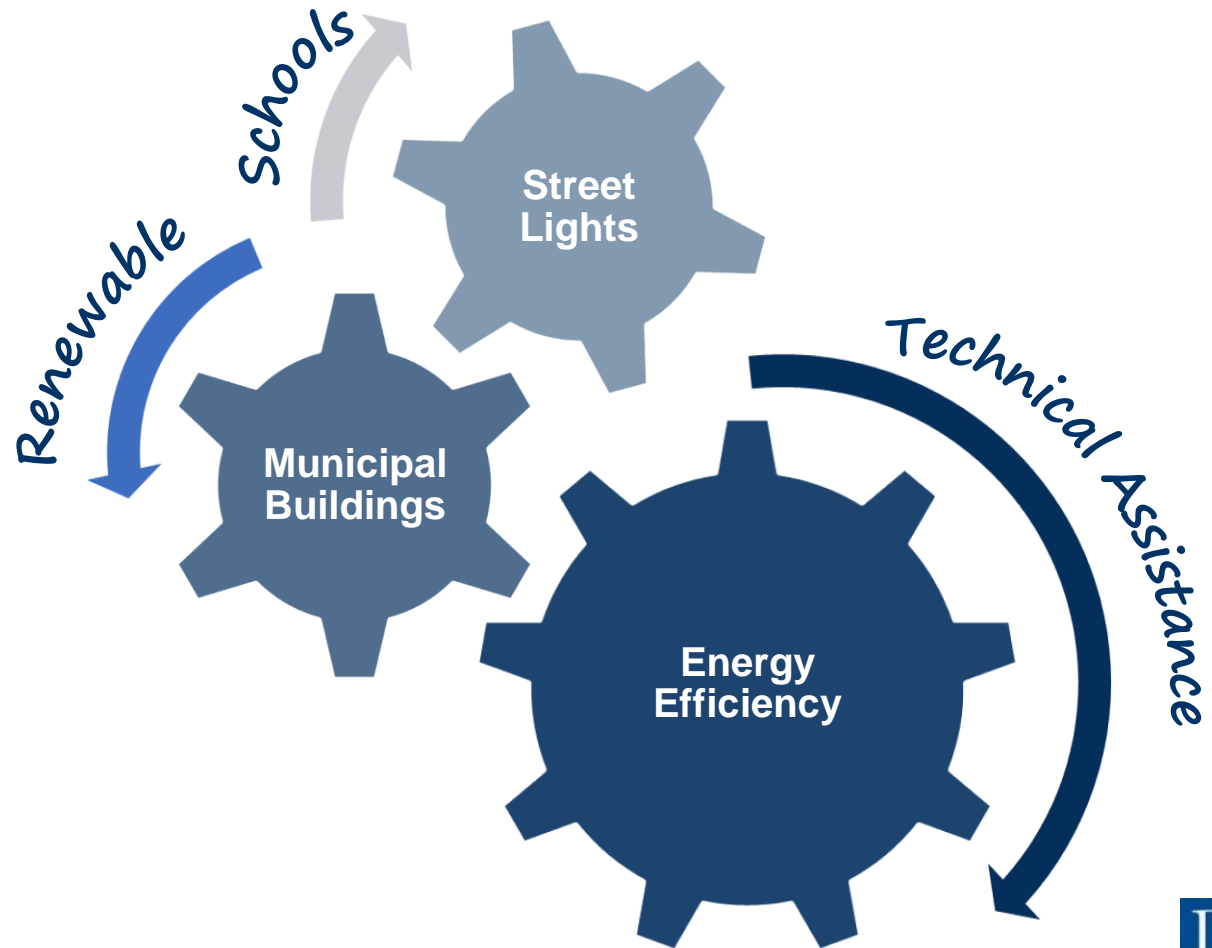


Helping Massachusetts Municipalities Create A Cleaner Energy Future



Green Communities Division

The energy hub for *all* Massachusetts cities and towns,
not just designated “Green Communities.”



Helping Massachusetts Municipalities Create A Cleaner Energy Future

Outreach - Regional Coordinators

- Regional Coordinators act as direct liaisons with cities and towns on energy efficiency and renewable energy activities
- Located at each of the DEP Regional Offices:



SERO – LAKEVILLE: Seth Pickering
Seth.Pickering@state.ma.us

NERO – WILMINGTON: Joanne Bissetta
Joanne.Bissetta@state.ma.us



CERO – WORCESTER: Kelly Brown
Kelly.Brown@state.ma.us

WERO – SPRINGFIELD: Jim Barry
Jim.Barry@state.ma.us



Programs & Resources for Municipalities

- Green Communities Designation and Grant Program
- MassEnergyInsight energy tracking and analysis tool
- Municipal Energy Efficiency Program
- Energy Management Services Technical Assistance
- Partnerships with Mass. CEC – Solarize MA and Community Energy Strategic Planning
- Owner's Agent Technical Assistance
- Massachusetts Municipal Energy Group (MMEG) – operated by MMA and funded by DOER
- Website filled with tools & resources
www.mass.gov/energy/greencommunities



Email updates – [Sign up](#) on the Green Communities web page

Helping Massachusetts Municipalities Create A Cleaner Energy Future





Lauren Greene

**Program Coordinator
MA Department of Elementary and
Secondary Education**

lgreene@doe.mass.edu



Helping Massachusetts Municipalities Create A Cleaner Energy Future



Poll Question #1

Who's participating today? Are you:

- a teacher
 - a school administrator
 - a school volunteer or parent
 - a municipal employee
 - a member of a school partner organization
- ?



Helping Massachusetts Municipalities Create A Cleaner Energy Future





Launched by U.S. Department of Education,
U.S. Environmental Protection Agency, and The
Council on Environmental Quality



Helping Massachusetts Municipalities Create A Cleaner Energy Future



Massachusetts Working Group on Green Ribbon Schools

Government Agencies:

- MA Executive Office of Education
 - Dept. of Elementary and Secondary Education
- MA Executive Office of Energy and Environmental Affairs
 - Dept. of Energy Resources
 - Dept. of Environmental Protection
 - Dept. of Agricultural Resources
- MA Dept. of Public Health
- MA School Building Authority
- U.S. Environmental Protection Agency, Region 1



Helping Massachusetts Municipalities Create A Cleaner Energy Future



Massachusetts Working Group on Green Ribbon Schools

Private Sector/Non-Governmental Organizations:

- MassCOSH (MA Coalition for Occupational Safety & Health)
- Northeast Energy Efficiency Partnership
- NSTAR
- Project Green Schools
- U.S. Green Building Council Massachusetts Chapter



NORTHEAST ENERGY EFFICIENCY PARTNERSHIPS
FACILITATING PARTNERSHIPS TO ADVANCE ENERGY EFFICIENCY



MassCOSH



Helping Massachusetts Municipalities Create A Cleaner Energy Future



Three Pillars of Green Ribbon Schools

- Reduce environmental impact and costs
- Improve the health and wellness of schools, students, and staff
- Provide environmental education, which teaches many disciplines, and is especially good at effectively incorporating STEM, civic skills, and green career pathways



Green Ribbon Schools

- Is NOT an additional set of priorities for schools.
- Connects schools with *existing resources and standards* that advance current goals.
- Recognizes schools that meet a variety of existing standards, implementing or employing numerous complementary policies and resources
- Provides state applications that are a learning tool for schools to obtain a baseline assessment in all three pillars



Helping Massachusetts Municipalities Create A Cleaner Energy Future



2013-2014 Honorees at a Glance

U.S. Department of Education Green Ribbon Schools	48
District Sustainability Awardees	9
Total Honorees	57
States Represented	27
Public Schools	39
Private Schools	9
Disadvantaged Schools and Districts	21
Rural Schools and Districts	18
Early Learning Programs	10
Charter Schools	3
Magnet Schools	1
Career and Technical Schools	3



Quincy High School

Massachusetts Honorees

2014 Boston Latin School

2013 The Berkshire School (private)

Manchester-Essex Regional Middle High School

Quincy High School

Acton-Boxborough Regional School District



Helping Massachusetts Municipalities Create A Cleaner Energy Future



Poll Question #2

Based on what you've heard so far, how likely are you to apply for the Green Ribbon School award this year?

- Very likely
- Somewhat likely
- Unlikely
- Plan to wait until school year 2015



Timeline of 2014-2015 GRS Awards

- **October 8** Green Ribbon Schools Award Webinar
- **October 31** Letter of intent to apply from schools or districts (non binding)
- **December 11** School and district applications due to ESE
- **February 1** Massachusetts submits nominees to US Dept. of Education
- **April 22** National Honorees announced by USED
- **Spring 2015** In-state recognition ceremony for Massachusetts nominees
- **July 2015** National Honorees awarded at a national ceremony



Helping Massachusetts Municipalities Create A Cleaner Energy Future



Application & Submission Process

- Accepting applications from public and private schools & districts
 - Each authority is permitted as many as five nominations (four schools and one district).
 - If more than one school is nominated, at least one must be a school with at least 40 percent of students from a disadvantaged background.
 - If more than three schools are nominated, the fourth must be a private school.
- State education authorities evaluate schools based on the 3 Pillars and Frameworks. Nominees are strong in all three pillars, don't just a focus on one.



Helping Massachusetts Municipalities Create A Cleaner Energy Future



Mass.gov
Massachusetts Department of
Elementary & Secondary Education

State Offices - State A-Z Topics

--Select Program Area--

News School/District Profiles School/District Administration Educator Services Assessment/Accountability Family & Community
Administration Finance/Grants PK-16 Program Support Information Services

› Finance Home | News
› ARRA
› Accounting & Auditing
› Chapter 70 Program
› Charter Schools
› Circuit Breaker
› Educational Collaboratives
› ESE Budget
› Grants/Funding Opportunities
› Nutrition Programs
› Regional Districts
› School Building Issues
› School Choice
› School Finance Regulations
› Statistical Comparisons
› Transportation
› Chapter 74 Nonresident Tuition
› School Finance Contacts
› Links

School Finance: School Building Issues

Green Ribbon Schools Award

Launched by the U.S. Department of Education (USED) in 2011, the [Green Ribbon Schools](#) recognition honors schools that are exemplary in reducing environmental impact and costs, improving the health and wellness of students and staff, and delivering effective environmental and sustainability education that incorporates Science, Technology, Engineering and Math (STEM), civic skills, and green career pathways. This is the second year that Massachusetts is participating in the program. Technical assistance for interested schools will be available through the Executive Office Energy and Environmental Affairs (EEA) and its agencies, the Department of Elementary and Secondary Education (ESE), the Department of Public Health (DPH), the Massachusetts School Building Authority, and a working group of non-governmental agencies.

Important 2013-2014 Dates

October - (date to be determined) MA Green Ribbon Schools Webinar

- October 31 - Non-binding letter of intent to apply from schools or districts (Please send to Lauren Greene at ESE by email at lgreene@doe.mass.edu)
- December 11- School and district applications due to ESE
- February 1 - Massachusetts submits nominees to USED
- April 22 - Honorees announced
- Spring/Summer 2015 - Honorees awarded at a national ceremony

Second Annual U.S. Department of Education Green Ribbon Schools Announced; First-ever District Awardees Named

Patrick-Murray Administration Seeks K-12 School Nominees for Federal Green Ribbon Schools Award

2014-2015 Green Ribbon Schools Application

2014-2015 Green Ribbon Schools *District* Application

Green Ribbon Schools Award Resources - Massachusetts

US-ED Green Ribbon Schools Award Resources

Green Ribbon Schools Webinar

Green Strides: Environment, Health and Facilities Webinar Series

[Sign up](#) and [view](#) the Green Strides Newsletter

For more information, please contact:

Lauren Greene at ESE, lgreene@doe.mass.edu
Lisa Capone at the Department of Energy Resources, lisa.capone@state.ma.us

<http://www.doe.mass.edu/finance/sbuilding/GreenRibbon/>

US-ED helpful resources

Green Strides webinar series - <http://www2.ed.gov/about/inits/ed/green-strides/webinar.html>

US-ED has also posted resources, here- <http://www2.ed.gov/about/inits/ed/green-strides/resources.html>

Nominee applications and highlights are posted here-

<http://www2.ed.gov/programs/green-ribbon-schools/index.html>



Helping Massachusetts Municipalities Create A Cleaner Energy Future







The Green Ribbon Story at Boston Latin School

October 8, 2014

Phoebe Beierle

Boston Public Schools



THE CENTER
FOR GREEN SCHOOLS



**United
Technologies**

**CENTER FOR GREEN
SCHOOLS
FELLOWS PROGRAM**

Boston Latin School

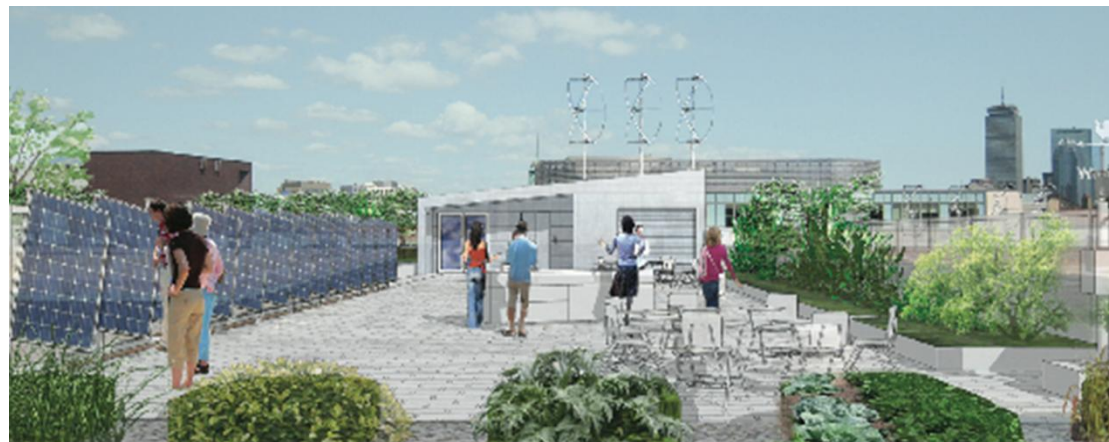


- Oldest School in Boston
- Grades 6-12
- 2,400 students
- YouthCAN (student led youth group)
- www.blsyouthcan.org



➤ www2.ed.gov/programs/green-ribbon-schools

See *Highlights from the 2014 Honorees* for application details



U.S. DEPARTMENT OF EDUCATION



3 Pillars:

Environmental
Impact and
Energy
Efficiency

Healthy
Environments

Environmental
Literacy

www2.ed.gov/programs/green-ribbon-schools

Pillar 1: Env Impact & Energy Efficiency



Youth CAN students attend Solar Road Trip to bring Solar panels to the white house that stopped in Boston.



Youth CAN members on the roof of BLS next to our 28 panel PV array



U.S. DEPARTMENT OF EDUCATION



3 Pillars:

Environmental
Impact and
Energy
Efficiency

Healthy
Environments

Environmental
Literacy

www2.ed.gov/programs/green-ribbon-schools

Pillar 2: Healthy Environments





3 Pillars:

Environmental
Impact and
Energy
Efficiency

Healthy
Environments

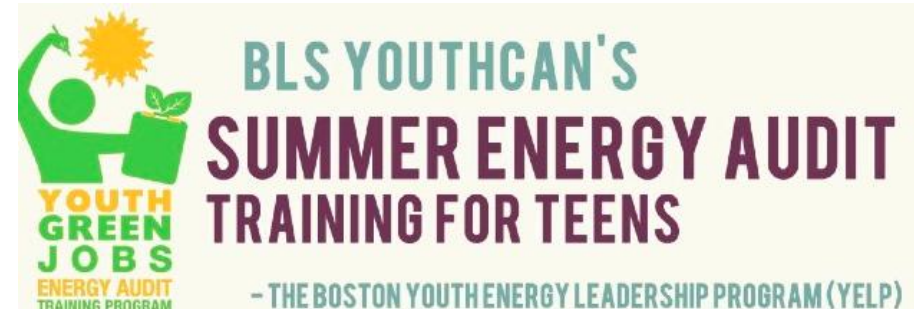
Environmental
Literacy

www2.ed.gov/programs/green-ribbon-schools

Pillar 3: Environmental Literacy



Random Acts of Green is an effort to establish a permanent culture of sustainability school wide at BLS by promoting engagement in sustainability efforts by students, faculty and administrators.



Green Ribbon Tips



- Tip 1** Review application & review it again until you know it well
- Tip 2** Form your Green Ribbon team
- Tip 3** Host a kick off meeting
- Tip 4** Communicate efficiently and regularly with stakeholders
- Tip 5** Involve Students as much as possible

Contact Information

Phoebe Beierle, Boston Public Schools
pbeierle@bostonpublicschools.org

Cate Arnold – Boston Latin School YouthCAN Advisor
catebarnold@aol.com