

## Beye Green Team 2008-2009 School Year

### Member Roster

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*GreenTeam contacts to update/include:*

Michelle Brandt, Donald, Jonathan Ellwanger, Byron Lanning, Ellen Pimental.

### RECOMMENDED GOALS

The Beye Green Team seeks to contribute to the “greening” of Beye School. It aims to lead the creation and implementation of green initiatives that **increase the sustainability of Beye’s daily operations and ongoing school life**. Our goals are to:

1. **Raise environmental awareness** amongst Beye students, families, and staff members.
2. Support and create opportunities for **green education** for Beye students and families, as well as staff members.
3. Select projects geared toward **reducing waste** of all kinds, in an effort to **optimize the ecological efficiency** and environmental soundness of the school **facility** itself.
4. Select projects geared toward optimizing the **health and well-being** of the Beye School **community**.

### RECOMMENDED STRATEGY

- A. Create and implement **tangible** green initiatives that **actively involve the main stakeholders – our students** -- to as great a degree as possible in order to ensure future sustainability; involve student families when appropriate.
- B. **Work closely with Beye staff** to obtain input, coordination, and execution for appropriate areas of planning, training, and implementation.
- C. **Maximize synergies with other Beye Committees/Groups**, including **Wellness** and **Student Council**.
- D. **Maximize D97 overlaps and efficiencies** whenever possible.
- E. **Identify and involve appropriate local** organizations that are equipped to help Beye meets its green objectives.

**INITIATIVE CATEGORIES (yellow and/or bold = consider for first specific initiatives. See section “Recommended Initiatives for 08-09 School Year.”)**

#	Initiative	Details	Primary Goal Supported	Strategies Employed	Point Person/ People	Status/Timeline
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1	Waste Reduction: Reduce solid waste	send less waste to landfill: reuse X, Y and Z; recycle paper, aluminum, plastic, glass, printer, cartridges; shred/compost leaves; compost/vermicompost cafeteria food waste; use products that come in recyclable packaging; move toward reusables (75% of school waste occurs in lunchrooms); consider commercial dishwasher instead of disposable paper/plastic plates, cups, utensils. Products made from post-consumer recycled materials, reusable/washable napkins and other reusable items.	1, 2, 3, 4	A, B, C, D, E		Discuss elements that are a fit with the type of proposal/plan Holmes School is implementing for its Zero Waste initiative. Need to discuss if this is something we would like to recommend, and what a Beye-specific proposal would look like. Coordinate with other D97 schools & SGA in joint proposal due Feb.
2	Waste Reduction: Thurs packet streamlining	Decrease paper impact of Thurs packets (now at one per family – move to PDF via email and/or posting docs online for parents to download). Consider a make/decorate a recycling bin contest for all grades.	1, 2, 3, 4	A, B, C		
3	Research: Conduct Benchmark Survey	Gather initial feedback from students, families, and staff regarding current level of green awareness. Measure attitudes relative to “green.” Gauge interest in seeing a greener Beye. Obtain feedback about specific types of green programs and initiatives.	1, 3, 4	A, B, C		
4	Waste Reduction: Reduce water use	use less water, low-flow toilets and urinals, faucets with sensors for auto on/off.	3	B, C, E		
5	Waste Reduction: Reduce storm water waste	install green roof to retain water and slow runoff, <b>direct blacktop runoff toward water garden</b> , replace blacktop or concrete with permeable pavers, <b>capture rainwater and use it for watering school grounds and garden.</b>	3, 4	B, C, E		
6	Waste Reduction: Reduce energy consumption	<b>replace bulbs and fixtures with more efficient ones</b> , replace windows, improve efficiency of existing heating and cooling systems, use geothermal heating/cooling system, <b>no idling zone within designated school perimeter</b> , equip lights with motion detectors.	3, 4	B, C, E		
7	Health/Wellness: Use green products	Green cleaning supplies	4	B, C, E		

8	Transportation: Reduce automobile transportation impact	Consider <b>Bike Week campaign, institute no idling zone within designated school perimeter, Beye School Rocks walk-to-school campaign</b> (collect a rock, or stick, or pinecone, etc while on your walk; collected rocks signify car trips avoided)	1, 2, 3, 4	A, B, C		
9	Community-Building: Green Student Ambassadors Program	Designate honor of electing 2 kids per class as student ambassadors. These students can help generate awareness about green issues, and demonstrate leadership with specific roles in selected green initiatives.	1, 2, 3, 4	A, B		
10	Fundraising: Conduct green fundraisers and contests	Initiatives TBD (e.g., Shop & Share where % of proceeds from retail partner on a given day go to Beye green initiatives and/or green fundraising). Work with fundraising to coordinate.	1, 2	A, B, C		
11	Education: Work with PTO, staff to expose green curriculum opportunities	Green curriculum opportunities exist in science, math, the arts, reading/media, and other subject areas.	1, 2	A, B		
12	Education: Work to develop cohesive "green education" plan	To raise awareness about and understanding of environmental issues. Consider incorporating student-appropriate videos, hosting presentations by representatives from local green organizations (including farmer/s), publicizing green information and service resources in the area, etc. <b>Insert green tips/facts in BeyeBytes and/or Beyestander.</b>	1, 2	A, B, C, D, E		
13	Education/Community-Building: Plan green field trips	<b>Landfills, recycling centers, organic farms</b>	1, 2, 4	A, B, C, E		

**SPECIFIC RECOMMENDED INITIATIVES FOR 08-09 SCHOOL YEAR**

#	Initiative	Details	Initiative Category	Comments	Point Person/s	Status/Timeline
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1	Zero Waste Grant Proposal/ Implementation Plan (includes waste assessment and combined grant application, both guided by SGA)	send less waste to landfill: recycle paper, aluminum, plastic, glass, printer, cartridges; shred/compost leaves; compost/vermicompost cafeteria food waste; use products that come in recyclable packaging; move toward reusables (75% of school waste occurs in lunchrooms); consider commercial dishwasher instead of disposable paper/plastic plates, cups, utensils. Products made from post-consumer recycled materials, reusable/washable napkins and other reusable items.	Waste Reduction	We support this as one of the possibly the most tangible and student-involved effort. It also would go a long way toward laying groundwork for the reduction of solid waste, which would have positive compounded effects for the student body and school community going forward.	Obtained input from Gary Cuneen of SGA, as well as Michelle Vanderlaan (spearheaded Holmes ZW proposal and overall initiative). Need to discuss as a GreenTeam group whether we would like to recommend something very similar. If so, we would present a cohesive plan to Jellwanger, PTO, and potentially other stakeholders by Oct/Nov in order to combine efforts with SGA/other D97 schools applying for Feb'09 grant deadlines <b>(Jun'09 is funds disbursement if awarded so most initiatives would not occur until 09-10 school yr.)</b>
2	Thurs packet streamlining	Decrease paper impact of Thurs packets (now at one per family – move to PDF via email and/or posting docs online for parents to download). Consider a make/decorate a recycling bin contest for all grades.			
3	Benchmark Survey	Gather initial feedback from students, families, and staff regarding current level of green awareness. Measure attitudes relative to “green.” Gauge interest in seeing a greener Beye. Obtain feedback about specific types of green programs and initiatives.	Research	Survey data would help us craft an audience-appropriate strategy/plan, allow us to optimally position selected initiatives, and give us the ability to compare changes in attitudes, perceptions, ideas, and awareness over time.	This is probably something we should do pretty soon this fall. This is invaluable feedback since it gives us some sense of what our constituents’ concerns, issues, and ideas are before we get too far down the road. This key intelligence will shed light on important unknowns to help us create an appropriate roadmap for moving forward.
4	Redirect storm water to Beye Garden	<ul style="list-style-type: none"> <li>• Direct blacktop runoff toward water garden</li> <li>• Capture rainwater and use it for watering school grounds and garden.</li> </ul>	Waste Reduction	These fairly straightforward items would reduce water waste while supporting an existing Wellness Committee initiative.	
5	“Low-Hanging Energy Fruit”	<ul style="list-style-type: none"> <li>• Replace bulbs and fixtures with more efficient ones</li> <li>• Institute no idling zone within designated school perimeter</li> </ul>	Waste Reduction	These fairly straightforward (but potentially expensive?) adjustments would reduce energy waste with a immediate cost (and possibly awareness) impact.	

6	Bike Week campaign	Kids permitted to bike to school during one week of the school year (to kick off Earth Month in April?). Can do once per trimester if it is a success.	Transportation	Would need to make extra provisions to guard against bike theft?		
7	Institute no idling zone within designated school perimeter	Designate no idling perimeter for school buses, parent/guardian vehicles, and delivery vehicles.	Transportation	Would need to work with bus companies, post visible signage for parents, etc. Main consideration here would be communicating the message to staff/families in a visible, actionable manner.		
8	Beye School Rocks walk-to-school campaign	Walk to School Campaign wherein students collect a rock, or stick, or pinecone, etc while on your walk; collected rocks signify car trips avoided. Can do this to celebrate Earth Month this year, and then have a "challenge" next year where we see how many months of the year we can sustain it?	Transportation	Easy, free campaign that is very tangible for kids and families. Possible press opportunity to gather significant amount of rocks and publicize trips/carbon avoided.		
9	Insert green tips/facts in BeyeBytes and/or Beyestander.	Well-chosen tips to raise awareness about and understanding of environmental issues that affect our schools, neighborhoods and the Beye community.	Education			
10	Conduct one green field trip	Consider a trip to a landfill (to prime the wheels for possible Zero Waste initiatives in 09-10 school year) or organic farm (to support and parlay success from existing Wellness committee nutrition programs).	Education/ Community-Building	Decide whether all students can go, or which grade/s can go. Even if only a few classes go, consider how to use the fieldtrip as an educational opportunity for the broader student body.		