

PS 34 Eco-Schools: *News and Updates*

PS34's Farmer's Market!

On December 11, Ms. Marshall, along with our Student Lighthouse Leaders held their 2nd Farmer's Market, selling vegetables and herbs grown hydroponically in our Green STEM lab.



Hydroponics is a way of growing plants without soil. Some benefits to this sustainable method of growing are: (1) higher yield – you get more veggies, (2) faster growth, (3) no need for pesticides, (4) year-round harvesting, (5) less space. On top of all that, our 3rd grade students get hands-on lessons in farming, food production and hydroponic technology. Win-win!

1st Graders' Water Unit

Each day, ~9.5 million people in NYC consumes about **1 billion gallons** of water! Did you know that our fresh water travels to us by gravity from Delaware, Catskill, and Croton watersheds? An engineering marvel, the 92-mile-long Catskill Aqueduct, which plunges 1,100 feet underneath the Hudson River, was constructed a century ago.

In Ms. Marshall's Green STEM Class, our 1st graders learn about just how big these aqueduct are. Students made a circle in the classroom and held a rope that's the exact circumference of the aqueduct, which is 33 feet!



Eco-Fashion Show Project

This month, we'll be kicking off our 3rd Annual Eco-Fashion Show Project. With the success of prior years, we expect registration to be full – with a maximum of 25 students; waitlist thereafter. Sign up begins at first meeting, scheduled for Monday, January 28th 2:50pm to 3:40pm, and is open to all PS34 students, Pre-K to 5th Grade. This year's show will be held on Thursday, April 18. For further details, come to the 1st meeting.



Upcoming Eco-Events:

Friday, Jan. 18th, 8:30-9:30a – MONTHLY Parent Green Team Gatherings at Woops!

Join your PTA Green Team Leaders, Alina, Lisa and Kevin this month to discuss Green Wellness programs. [FYI - the frequency of meetings will be ONCE a month!]



Sunday, Jan. 20th, 12-5pm – Eco-Family Field Trip to Brooklyn Historical Society

In honor of Martin Luther King Jr. Day, Jan 21, Eco-Schools is offering tickets to families to the **Brooklyn Abolitionists: In Pursuit of Freedom exhibit** – This major exhibit explores the unsung heroes of Brooklyn's anti-slavery movement – ordinary residents, black and white – who shaped their neighborhoods, city and nation with a revolutionary vision of freedom and equality. *Tickets are \$10 for adults; Free for children under 12.* E-mail wongt@nwf.org if interested!



Monday, Jan. 28th, 2:50-3:40p – Eco-Fashion Show Info Session #1

Open to all students, join us for first meeting to learn about this year's theme of our 3rd annual Eco-Fashion Show!



In addition to Class Story, don't forget to check out the "School Story" section for schoolwide events and announcements!



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