

Neptune Township Board of Education

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School Business Administrator/Board Secretary

Neptune Township School District

Summerfield Elementary School

United States Department of Education

Green Ribbon School



One Summerfield Lane
Neptune, New Jersey

October 16, 2013
10:00 a.m.



Summerfield Elementary School
Green Ribbon Award
Highlights

PROGRAM

Pillar I: Reduced Environmental Impact and Costs

- 15% reduction of greenhouse gas emissions.
- 33% reduction in energy use.
- 100% of the school's energy is purchased from renewable wind energy.
- 34% reduction of domestic water use.
- 100% reduction of irrigation.
- Rainwater is diverted from the roof into a 6,000 gallon storage tank to be recycled for irrigation.
- Geothermal heating and cooling systems reduce energy costs.
- Day lighting controls and occupancy sensors reduce wasted electricity.
- Sunscreens assist with passive solar heating and cooling
- Two electric vehicle charging stations are located in the visitor parking lot.

Pillar II: Improved Health and Wellness for Staff and Students

- No pesticides have been used on Summerfield's campus since it was built in 2006 due to proactive preventative measures.
- Indoor air quality is greatly improved through the use of under floor air distribution (air displacement) that introduces the air at the occupant level.
- The students received 30 minutes of physical education each week with a certified PE teacher plus an additional 120 minutes each week of classroom teacher directed PE.
- Each year, Summerfield students participate in the American Heart Association's "Jump Rope for Heart" program.
- Staff members are encouraged to participate in the "Neptune Meltdown", a district wide initiative to promote healthy life choices through a Biggest Loser-style weight loss competition.

Pillar III: Effective Environmental and Sustainability Education

- Kindergarten through 5th grade students participate in the SummerWood Environmental Science Program. This includes two trips a year through SummerWood.
- Kindergarten through 3rd grade students plant perennial gardens on campus to attract and support local species of birds and butterflies.
- 4th and 5th grade students plant vegetable gardens and finish the year with a salad party to celebrate their harvest.
- The 5th grade students participate in the district's Environmental Marine Science Program. The classes take a field trip to Sandy Hook to study the plants and animals that live in the marine environments.

"National Anthem"*Summerfield Elementary School Band*
Raymond Kelly, Instrumental Instructor

Welcome

Jerard L. Terrell.....*Principal*

"May Planet, Your Planet Song"*Summerfield Elem. School Grade 1*
Kate Haughwout, Music Instructor

Bertha Williams-Pullen.....*Assistant Superintendent*

"America the Beautiful".....*Summerfield Elementary School Band*
Raymond Kelly, Instrumental Instructor

Jason A. Jones. *President, Board of Education*

"Meeting the Challenge of Being Green".....*Teleah Buckley, SES Grade 5*

David A. Mooij.....*Superintendent of Schools*

Remarks

Caroline Casagrande.....*Assemblyperson*

Eric J. Houghtaling*Mayor, Neptune Township*

Kevin McMillan *Committeeman, Neptune Township*

J. Randy Bishop..... *Committeeman, Neptune Township*

Jason Ballard *COS, NJ Schools Development Authority*

Michael T. Lake..... *former Superintendent of Schools*

Presentation & Closing Remarks

David A. Mooij.....*Superintendent of Schools*