

Westmeade issues...

1. Crumbling infrastructure
2. Dropping enrollment /impact on staffing
3. Diversity economic/racial/
4. We need a curriculum that aligns with our nature and environmental emphasis.
5. Funding—how would we be involved?
6. Do we have to invent this curriculum?
7. Is training available?
8. Would this change our relationships with Warner Parks?
9. What happens to our campus?



Sustainable Magnet solutions...

1. Our building must be dealt with so let's take advantage of support from Westmeade and Hillwood Neighborhoods, conservation or-

ganizations, our Metro Councilperson, our MNPS board member, and the Mayor's office as we will build on that community support.

2. Using econometric analysis in a mid-sized urban school district it appears that magnet programs attract and retain households and students. Positive impact also occurs in attendance and stability improves.
3. Diversity is built into sustainability's core values and is celebrated in parent and community involvement. Children learn respect, empathy, (because of school design), collaboration. They strengthen their social emotional muscles as well.
4. A Sustainability curriculum encourages teachers and students to creatively interact as they work together on real world issues while meeting Tennessee state standards.
5. Because magnets receive additional federal funding in through U.S. Department of Education grants (15 million just granted to MNPS) and other sources, these schools can allot money differently, allowing more creative allocations to its own education programs.
6. The curriculum has been used for a decade in schools in Burlington VT, in partnership with Shelbourne Farms. It would be modified to fit TN's standards.
7. Training is also available in VT.
8. It cement our relationship to the nature centers.
9. Possible preschool hub.

Westmeade Elem. Sustainability Magnet

Questions & Answers



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Why a Sustainability Magnet



The confluence of four things;

- 1) **MNPS's Strategic Framework and Elements** ,
- 2) the Mayor's **Livable Nashville** Reports and goals,
- 3) the **loss of Hillwood High School** to our Neighborhoods,
- 4) **OUR NEED** for stability and a new facility to make this the idea whose time has come.

Livable Nashville Goal:

"To make Nashville the greenest city in the Southeast, together we will work to conserve resources; increase equity of access to clean air, water, nature and the amenities of a livable community; and preserve and enhance the dynamic and authentic Nashville we love."

See history at

<http://www.westmeade.net/sustainability-magnet.html>

Magnet Intersections!

Livability Nashville

Implement the practice of sustainability across and throughout Metro Departments with assigned staff and metrics.

- Work with the local philanthropic sector to encourage strategic, environmentally-focused giving
- Develop partnerships around sustainability measures with board-governed, Metro-affiliated agencies such MDHA and MNPS
- Establish one zero-footprint metro building

MNPS Strategic Framework and Elements

EXCELLENCE all students benefit from high-quality instruction and high expectations that promote active student engagement.

RELEVANCE students learn best through real-world challenges that promote critical thinking, inquiry, problem-solving, and creativity.

INNOVATION teaching and learning benefit from creative thinking, experimentation through use of STEM, literacy, and the creative arts.

These goals will be accomplished through;

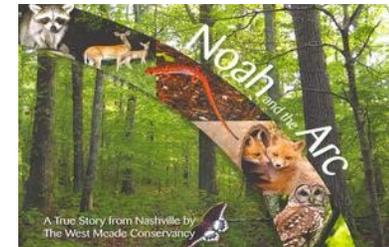
- ◆ Promoting active student engagement and consistent improvement in academic achievement
- ◆ A culture of collaboration and shared accountability
- ◆ a zero footprint school will operate at maximum efficiency and leverage all available resources to bolster student success.

Sustainability Defined

"improving quality of life—economically, socially, and environmentally—for all, now and for future generations."

Sustainability Curriculum

- ◆ Unites and supports understanding the interdependence of economic, environmental and social systems



- ◆ Is a curriculum that is developmentally appropriate.
- ◆ Presents students with an understanding of their place, gives them experience and encourages civic engagement

The Pioneers and Partners

Shelburne Farms partnered with the Burlington, VT public schools to establish the first Sustainability Magnet school in 2010. They offer training and help to schools around the country .

