



Daviess County Public Schools

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WES students explore Tower Garden

Whitesville Elementary School students are “growing” in awareness of new agricultural concepts with the school’s new tower garden. A tower garden uses the concept of aeroponics, which is the process of growing plants in air or a mist environment, rather than soil.

Classroom teachers are able to provide hands-on instruction in science and horticultural / agricultural concepts.

The tower garden was purchased by the WES After-School Program through a grant from Juice Plus but is now being utilized by the entire school. The “Grow Lab” area has become popular with teachers and students, as they explore such topics as “Seeds and How They Grow,” “Roots,” “Stems,” “Pollination: Flowers,” “Urban vs. Rural Gardens,” “Fertilization” and “Leaves: The Inside Story About How Plants Rule the World.” These lessons are connected to Next Generation Science Standards for grades kindergarten-5.

Students are currently in the process of growing a salad garden. After these plants have matured, students will harvest their garden and serve a special salad luncheon to WES faculty and staff, with proceeds used to purchase additional seedlings. Future projects will include cucumber seedlings, which will be used for experiments involving artificial pollination.

For more information, visit <https://www.towergarden.com/tg>

Our media partners are invited to visit Whitesville Elementary School to see students working with the tower garden. The school is located at 9656 Kentucky 56. For more information or to schedule visits, contact WES instructional coach Jessica Doughty at Jessica.doughty@daviess.kyschools.us or 270-852-7670.

For more information, contact DCPS Public Information Officer Lora Wimsatt
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