

Team BCPS Clean Green: 15 Litter Challenge 2018-2019

Team BCPS Clean Green 15

Parkville Middle School and
Center of Technology
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Kristin Eckhardt, Grant Liaison

Environmental Literacy

Grades 6-8 participating in Green Team Club, STEM Club, and/or Art were directly involved in this initiative over the course of the 2018-2019 school year. Club leaders and Art staff facilitated a student driven approach to a STEAM night held at the school. Family, staff, and students were invited to attend the event. The event included 5 STEAM related challenges and 6 STEAM activities to promote environmental awareness, literacy, and upcycling.

- Student Leadership
- Community Relationships
- Cross-curricular Collaboration

Challenges/ Contests:

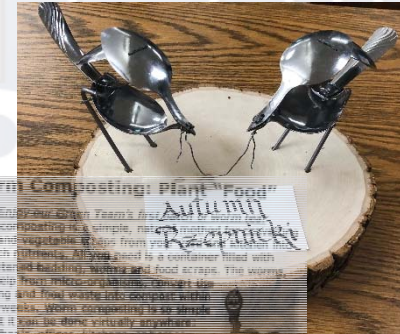
6:30-7:30: Edible Art Contest	rm. 110
vote for your favorite / winners announced at 7:30	
6-7:30: Build-a-Bird Competition	Library
6:30: Strochet	rm. 105
7:00: Paper Plane	rm. 103
7:30: Parachute	rm. 101

ART DISPLAYS *hallways*

STEAM Activities:

Paper Bag Birds	rm. 102
Bird Mask Building	rm. 104
Bird Feeders / Bird Bombs	rm. 106
Sketchbook Making	rm. 109
Upcycled Jewelry	rm. 112
Sidewalk Chalk Painting	patio outside rm. 113

Welcome to S.T.E.A.M. Night



Worm Composting: Plant "Food"

Autumn Patchwork

Worm composting is a simple, natural method of recycling kitchen scraps from your household into rich, nutrient-rich soil. All you need is a container filled with moist bedding, water and food scraps. The worms, with help from micro-organisms, convert the bedding and food waste into compost within a few weeks. Worm composting is so simple that it can be done virtually anywhere: schools, offices, kitchens, or homes.

The resulting compost is an excellent soil amendment that can be used to make potting soil for house plants or as a fertilizer for your garden. Worm compost is also a rich source of nitrogen, making it an excellent organic fertilizer. Finally, worms take liquid that is produced during the composting process and excrete it as additional organic fertilizer and contain many essential vitamins and nutrients that plants need to grow.



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