

What have we completed so far towards Zero Waste:

- ▶ Sustainability class and curriculum
- ▶ Cafeteria collection program (TAS) and data management with Re-TRAC Connect
- ▶ Establishment of “Green Team”
- ▶ “Green Week”

6th Grade Sustainability Class



- ▶ Curriculum was created to educate students on how to become more sustainable. It was designed to open 6th graders eyes to the real world of consumerism through videos, discussions, and field trips.
- ▶ Green Week - students educated the entire school on certain environmental problems, and how we can help by going “Zero Waste.”
- ▶ 6th grade students from Sustainability class helped manage the Throw Away System (TAS).

TAS (Throw Away System)



Liquid waste

whole fruit/food

silverware

landfill

Terracycle (5 bins)

compost

recycling



- ▶ Snack Bags - chip bags
- ▶ Lunchable containers - tray, plastic film and cardboard box
- ▶ Capris Sun pouches
- ▶ Energy bar and Granola Bar wrappers
- ▶ Little Bites
- ▶ GoGo Squeezes
- ▶ Baby Food pouches
- ▶ Candy Bar wrappers

What does school compost look like?



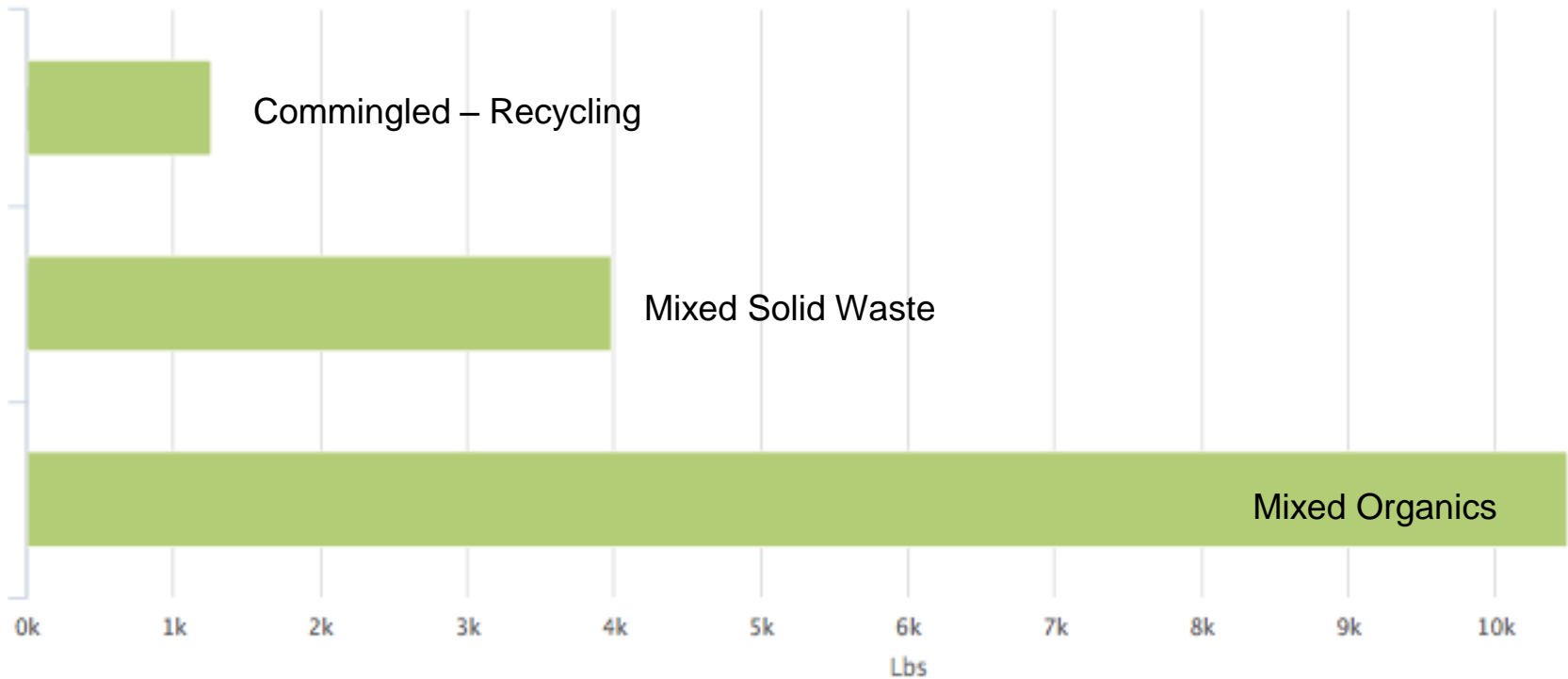
Things that do not belong in the compost:

- Plastic silverware
- Styrofoam bowls
- Ketchup packets
- Plastic wrap/packaging



Data Collection (using Re-TRAC Connect)

August 20, 2014 – June 10, 2015



Where have all of our Materials gone?

<i>Materials</i>	<i>Composted</i>	<i>Landfilled</i>	<i>Recycled</i>	<i>Reused</i>
The Dayton Regional STEM School				
Commingled - All Residential Recyclables	0	0	1,256.79	0
Mixed MSW	0	3,984.81	0	0
Mixed Organics	9,740.07	0	0	759.00
<i>Total:</i>	<i>9,740.07</i>	<i>3,984.81</i>	<i>1,256.79</i>	<i>759.00</i>
<i>Rate (%)</i>	<i>61.88</i>	<i>25.32</i>	<i>7.98</i>	<i>4.82</i>

The **REUSE** items include **apples and oranges** placed in the “Whole Food Box” for others to enjoy at school or donated to food pantry instead of ending up in Compost – also **milk** that was donated to food pantry so that it would not expire before it could be Served to students (REUSE items’ this data was only started in March)

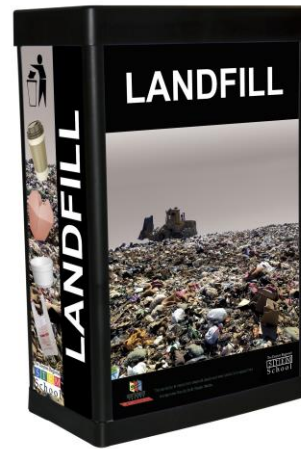
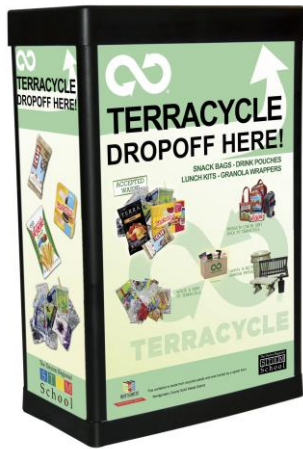
What do we do next?

- ▶ Implement new branded receptacles in classrooms and common spaces.
- ▶ Begin “Waste Data” collection from classrooms and common spaces.



New TAS

Funded by MCSWD's Buy-Recycled Grant





Green Team



- ▶ Composed of students and staff interested in being the hands and feet of change in our school.
 - Sorting and Shipping Terracycle
 - Re-evaluating TAS
 - Advertising with PSA's and Posters
 - Speaking with their classmates to influence changes

What Do We Do Next?

- ▶ Collection of special waste - batteries, light bulbs, etc.
- ▶ Apply for grant (written by Technical Writing Class) for “Earth Tub” composter by Green Mountain Technologies.
- ▶ Environmental friendly policies.
 - The program “PaperCut” is estimated to save the school \$20,000+ a year in printing cost, paper, wasted ink.



PaperCut[®]

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