



# **Educating the Next Generation**



## A lot of trash

- In 2012, Americans generated about 251 million tons of trash
- 87 million tons was recycled or composted

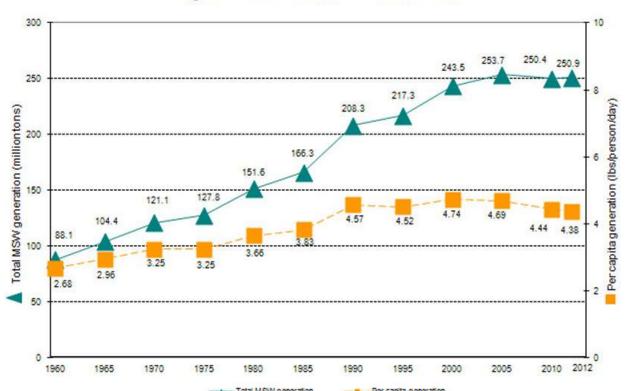


Figure 1. MSW Generation Rates, 1960 to 2012

Source: U.S. EPA

## Who's creating all this?

#### Baby Boomers, 76 million people, 1946-1964



- Rock 'n' Roll music generation
- Buy it now and use credit
- The first TV generation
- Tend to be more positive about authority, hierarchal structure



# Who's creating all this?

#### Generation X, 51 million people, 1965-1979



- Very individualistic
- Want to save the neighborhood, not the world
- Desire a chance to learn, explore, and make a contribution
- School problems were about drugs



# Who's creating all this?

Millennials or Generation Y, 70-75 million people, 1980-1995



- First to grow up in digital environment
- Prefer to work in teams
- Told over and over again they are special, and want the world to treat them that way
- Do not live to work , prefer more relaxed work environment



# Back to this....the pile of trash





## Out of site-out of mind





#### The chance at Generation Z and beyond (1996 and beyond)

http://www.census.gov/popclock/





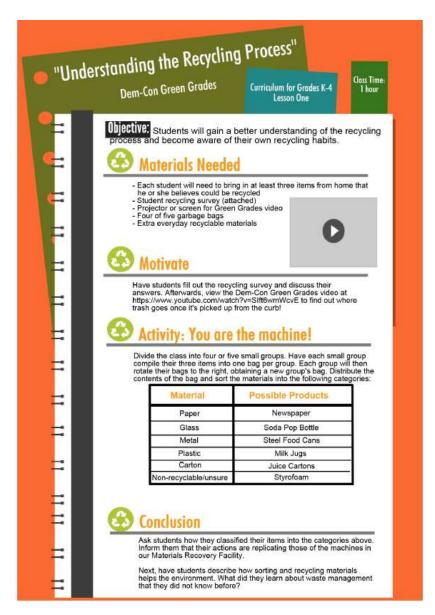
## Green Grades Educational Program

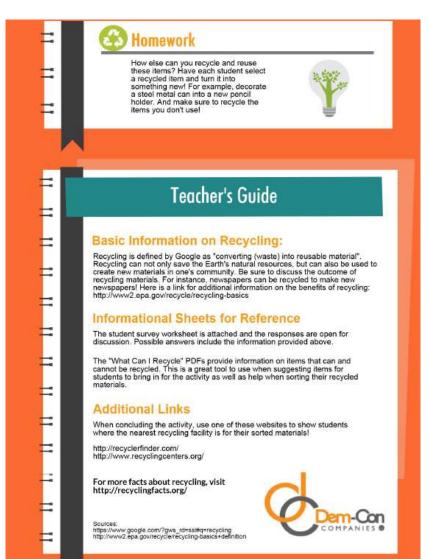
Outreach to local schools, communities, clubs, and individuals. Giving kids the opportunity to see how their waste is handled and helping them realize they have a role in it all.



#### Curriculum

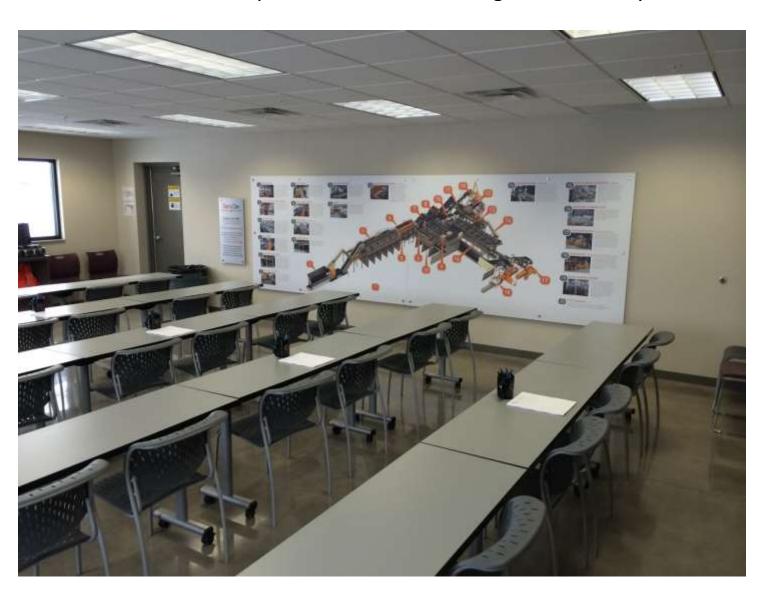
K-4 & 5-8





## **Educational Room**

Interactive map of MRF that utilizes augmented reality



## **End Markets Room**

**Sort-It Out Station** 



## **Facility Stations**

Landfill, C & D MRF, Shingle Processing, Leachate tank, MSW Transfer



# The waste conundrum





## They Love to Learn & They are the Best Teachers





- Public Tours offered the 3<sup>rd</sup> Wednesday of each month.
- Large groups by special request
- Logistics
  - Policies, safety, coordination
- Scheduling a tour





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