Discarding Stale Outreach Programs

Montgomery Regional Solid Waste Authority
Teaching Waste Disposal Methods

- Landfilling
- Waste Reduction
- Reuse
- Recycling
- Littering
- Composting
- Incineration
Education and Outreach
School Sector

• Challenges
  – Using age appropriate terminology
  – Fulfilling Standards of Learning expectations
  – Keeping the students engaged in the program
    • Providing opportunities for students to share information
    • Giving students activities in which to participate
    • Keeping your energy level up
Keeping Programs Fun and Exciting

• Find new ways to say the same thing
• Get the students involved in explaining the process
• Engage them in your activities
• Repeat your message and let them repeat the message
• Maintain control of your program
Training Room Activities
The Tour
The Wartville Wizard
Landfill Sundae

- Soil
- Clay
- Plastic Liner
- Sand
- Leachate Collection
- Pebble Drainage Layer
- GeoTextile Mat
- Soil
- Garbage
- Soil
- Leachate
- Cover
- Methane Flare

- Oreo
- Graham Cracker Crumbs
- Square pretzel
- Peanut Butter Morsel
- Square pretzel
- Chocolate cake mix
- M&M’s
- Chocolate Cake Mix
- Vanilla Ice Cream
- Whipping Cream
- Candle/Straw/Spoon
Materials needed:

- 6 9 ounce plastic cups
- 50 sheets of used paper (used on one side)

Write on each sheet of paper:

- On 20 sheets of paper write: Paper - 40% (green marker);
- On 9 sheets of paper write: Yard Waste – 18% (dark blue marker)
- On 4 sheets of paper write: Food Waste – 8% (red marker)
- On 4 sheets of paper write: Plastic – 8% (purple marker)
- On 4 sheets of paper write: Glass – 8% (black marker)
- On 5 sheets of paper write: Metals – 10% (light blue marker)
- On 4 sheets of paper write: Other – 8% (orange marker)

Crumple up each sheet so that the words do not show.

Divide the class into 4-6 groups depending on size. Each group will have a plastic cup that represents their landfill. You will grab a handful of the crumpled sheets and give each group a handful to bury in their landfill. Give them a couple of minutes to figure out that all of the garbage will not fit into their landfill. Ask students where they will take their trash. Let them come up with suggestions and use that time to discuss the consequences.

Throw out the idea that maybe all of the trash did not have to go to the landfill. Have students open up each sheet. Kindergarten students can do this activity because they can sort by color. Older students will sort each item. Discuss with them the other disposal options for the items. Use this opportunity to explain what things are in the “other” category. Those would be the things that are not recyclable or compostable and will need to be disposed of in the MSW landfill.
Natural Resources – M&Ms

Supplies:

- Enough M&Ms for students to have a small cup of candy
- Round clear container to hold candy

Put enough M&Ms in the clear container to fill a few small cups.

Discuss with the class that the M&Ms represent all the resources that the earth has for us to use.
Green – plants and trees
Yellow – sun
Blue – water
Red – animals
Brown – soil
Orange – rocks and minerals
The air in the clear container – air

While you are filling up cups for the parents and teachers, have students name the resources and why they are important. After supplying the adults with “resources” students see that there aren’t many resources left. We discuss the fact that if parents use all the resources then they will not have enough to go around. Ask students to provide solutions to this problem. Discuss replenishing the resources and using them wisely. Give examples of this while adding more M&Ms to the container, then serve the students.
Working with VT
SO HAPPY TOGETHER

Single Stream Recycling is easy to do for me and you.
Place your papers, bottles and cans in one bin...it’s all brand new.
We’re rocking now with single stream. Recycling together we are one big team. Doing our best to take care of the earth. So happy together.
Labels on School Carts

Single Stream Recycling
Recycle these items together

Newspapers, Magazines, and Mail
Flattened Cardboard
Cereal & Tissue Boxes
Aluminum & Metal Cans
Glass Bottles & Jars
Plastic Bottles Jugs & Food Containers

Keep Out:
Styrofoam
Plastic Bags
Food Waste
Cords & Wires

For more information go to MRSWA.com or call 540-381-2820
First Load to RDS
Our School Recycling

- Partnership with Montgomery County Public Schools, Jurisdictions and Waste Industries
- Yearly recycling contract involvement
- Educational component important
- MRSWA facility tours
Let’s show some enthusiasm!
Contact Information

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