

Plate to Power Video Notes Sheet:



While watching the KATU news article on the City of Gresham's Plate to Power Program, write down any interesting notes here, and answer the questions below so you can share what you'll learn about the program with others!

The video can be found here: <http://katu.com/archive/plate-to-power>



1. What happens to the food waste collected at Plate to Power school and business recycling stations?

2. Where would the food waste go if it was put in a trash can? Why is food waste collected from Gresham Schools?

3. In the Plate to Power recycling line, what goes in each of these bins?



Small Bucket

Drying Rack / Bin

Grey Bin

Green Bin

Blue Bin

4. Are the materials collected above landfilled, recycled or composted? Write your answers below:

Small Bucket

Drying Rack / Bin

Grey Bin

Green Bin

Blue Bin

5. What are three things you learned from this video that you didn't know before?

1. _____

2. _____

3. _____

What are some of your ideas on how you could help a friend figure out where to put their lunch waste?

1. _____

2. _____

3. _____

Plate to Power Video Notes Sheet:

Answer Sheet



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1. What happens to the food waste collected at Plate to Power school and business recycling stations?

It is collected for anaerobic composting. The food waste decomposes into compost and gas. The gas powers a generator creating electricity to power local homes.

2. Where would the food waste go if it was put in a trash can? Why is food waste collected from Gresham Schools?

Rotting food waste in landfills releases methane gas which is bad for our environment. Composting this food waste avoids this, and makes useful compost and electricity.

3. In the Plate to Power recycling line, what goes in each of these bins?



Liquids

Small Bucket



Milk Cartons

Drying Rack / Bin



Trash

Grey Bin



Food Scraps

Green Bin



Bottles / Cans

Blue Bin

4. Are the materials collected above landfilled, recycled or composted? Write your answers below:

landfilled

Small Bucket

recycled

Drying Rack / Bin

landfilled

Grey Bin

composted

Green Bin

recycled

Blue Bin

5. What are three things you learned from this video that you didn't know before?

1. That our food waste is turned into compost and electricity

2. Putting food waste into landfills releases methane which isn't good for our environment

3. You can make electricity from banana peels! (Students come up with their own creative answers).

What are some of your ideas on how you could help a friend figure out where to put their lunch waste?

1. Help them sort when you are walking through the lunch line with them.

2. Be a recycling station monitor (Students come up with their own creative answers).

3. Make announcements, posters, videos that help students learn more about recycling properly and reducing waste!