

Name _____

Date _____



Virtual Tour: Metro Recycling Facility

Use this page to guide your thinking as you tour Metro Waste Authority's Metro Recycling Facility in Grimes, Iowa.

1

The Tipping Floor

Single stream recycling means residents can put all of their recyclables in their carts without sorting them by type, allowing a facility like Metro Recycling Facility to do the sorting for them.

Multi-stream recycling means residents sort their own recyclables.

Why do you think residents prefer the "single-stream" recycling format?

2

The Sorting Floor

Click through the equipment. Pick 4 pieces you think are interesting. Write the number in the left column, then describe the equipment and what it does in the right column.

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#

3

Bale Storage + Loading

Why does it make sense to create rectangular bales of sorted materials?

What did you notice about the values of different commodities in the bale storage area?

Making Sense + Connections

How does recycling help reduce the negative impact humans can have on the environment?

1. What is a material you would like to see a recycling option for in the future?

ex: chewing gum

2. Imagine the process and end product.

In the space below, brainstorm or draw ideas you have about the equipment that could be needed, the material that could be created, or new products that could be developed.

