

Build a Recycling Sorting Machine

Name: _____

Date: _____

Student worksheet

Directions: Complete each section as described.

1. Write down at least one way you could separate paper clips and shreds of paper.
2. Experiment with your group to use different methods to separate paper clips and shreds of paper. Use this data table to record observations about different methods you try.

Method	Observations

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3. Write down the criteria your class agreed on for your recycling sorting machines.

4. Draw a design for your sorting machine. Label the materials you will use.

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5. Agree on a single design with your group. This can be a combination of designs or a totally new design. Draw that design here and label the materials you will use.

6. Build and test your design. Use this space to record notes about your testing, including any changes you make to your design and why you made them.

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7. Use this space to make a data table to record results when testing your machine.