

Super Sort

Engineering Challenge

Single Player

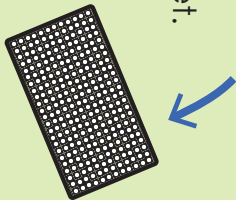


Design and build an electromagnetic crane to sort as many materials in 2 minutes as possible.

Criteria (rules):

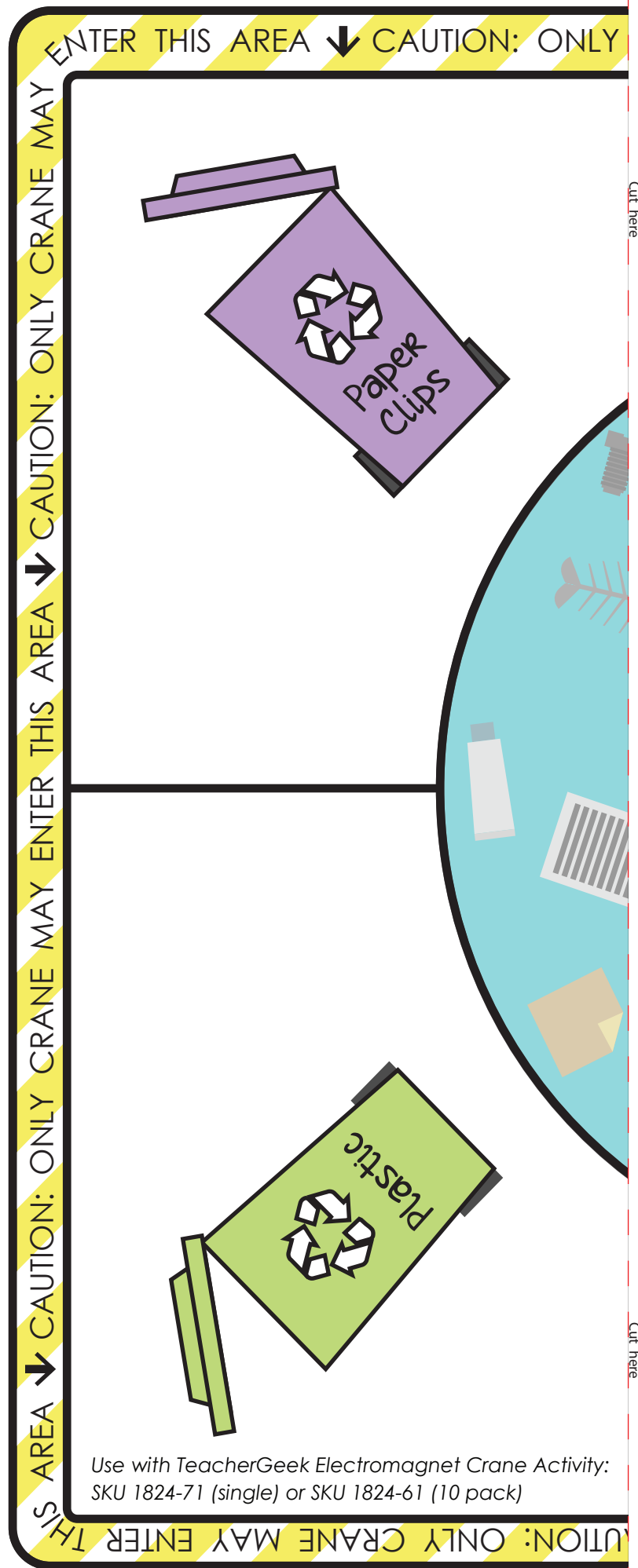
1. Only the crane arm may enter the sorting area during the challenge.
2. Crane base must stay inside this rectangle. It may not be lifted up.
3. Crane may not use sharp points to pick up materials.
4. Magnetic materials may only be moved by electromagnet.
5. All materials must start in the center circle.
5. Only TeacherGeek, recycled, and approved materials may be used.

The example electromagnetic crane arm will not reach all of the sorting areas. You need to redesign the arm so that it will.



Scoring Points:

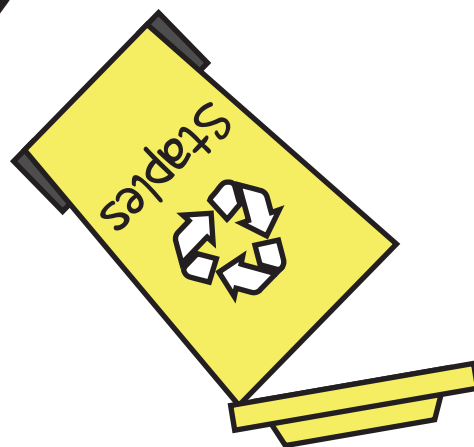
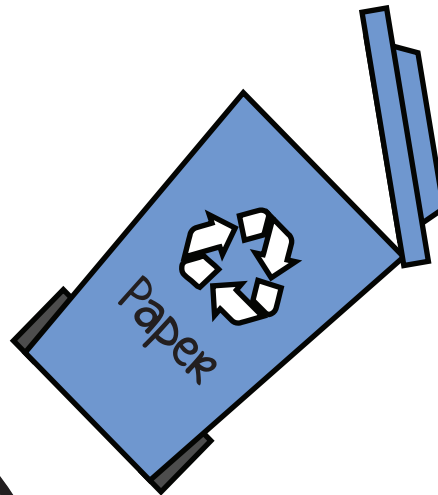
- +2** Add 2 points for every **magnetic material** properly sorted.
- +1** Add 1 point for every **non-magnetic material** properly sorted.
- 2** Subtract 2 points for every material in the **wrong recycling** area.



Use with TeacherGeek Electromagnet Crane Activity:
SKU 1824-71 (single) or SKU 1824-61 (10 pack)

CRANE MAY ENTER THIS AREA ↓ CAUTION: ONLY CRANE MAY ENTER THIS AREA

AREA ↓ CAUTION: ONLY CRANE MAY ENTER THIS AREA ↓ CAUTION: ONLY CRANE MAY ENTER THIS AREA



ENTER THIS AREA ↑ CAUTION: ONLY CRANE MAY ENTER THIS AREA ↑ CAUTION: ONLY CRANE MAY ENTER THIS AREA

Cut here

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