



# STEAM WEEK 2024

Manufacturers use different types of assembly lines & departments to make their products.

On your tour of Harmony Enterprises, you will see the order of the departments used to make our long-lasting recycling balers and trash compactors:

Burn Table (cutting)  
Press Break (bending)  
Welding (gluing)  
Paint (coloring)  
Assembly (putting all together)

Follow these instructions with the attached baler pieces to make your own Harmony Vertical Baler using this same assembly line sequence!

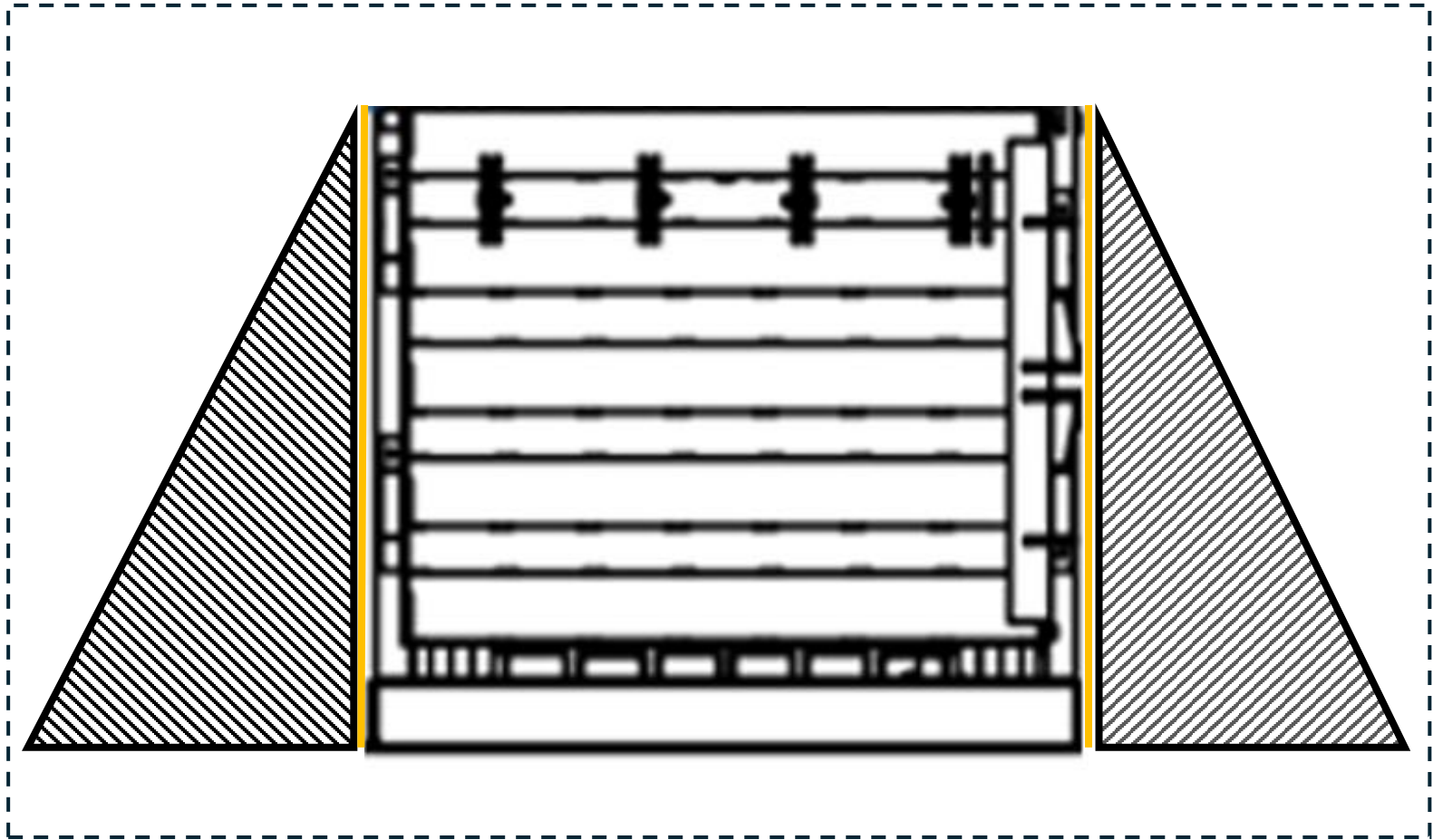
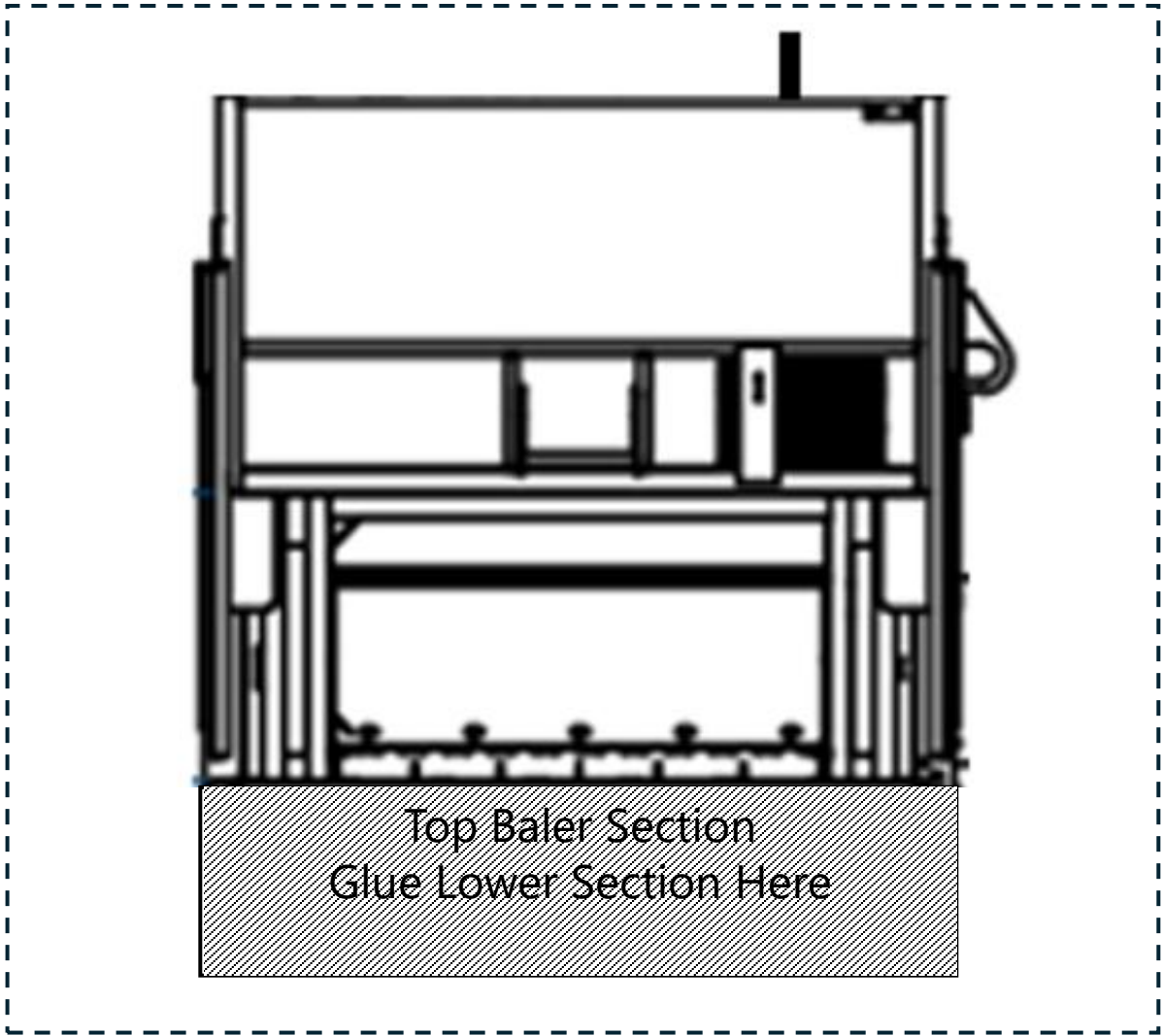
**Step 1:** *Cut* out the 5 pieces needed to make your baler. Start in the perforated lines, cut out the shapes as close to the outside edges as possible. Your teachers can help you cut and show you what the final cut outs should look like.

**Step 2:** *Bend* the angled baler support flaps down the red lines on the lower chamber of the main baler. You can fold them back when coloring, but these flaps will help the baler stand up later.

**Step 3:** *Glue* the lower baler chamber to the top of the bale chamber, covering the top baler chamber flap with writing on it. Your teacher can help you with this step.

**Step 4:** Color your baler and its components with whatever color you want. If you want your baler to look just like a real Harmony baler, look at the example provided by your teacher.

**Step 5:** Using Scotch Tape, assemble your oil cooler to the top left back of the main baler, the cylinder to the top center back of the main baler, the electrical box to the middle right back of the main baler, and the turn buckle to the lower right back of the main baler so that each part looks like its naturally part of the machine. Your teacher can help you and show you what this looks like when it is done. Let the glue dry at least one hour.



Lower Baler Chamber

