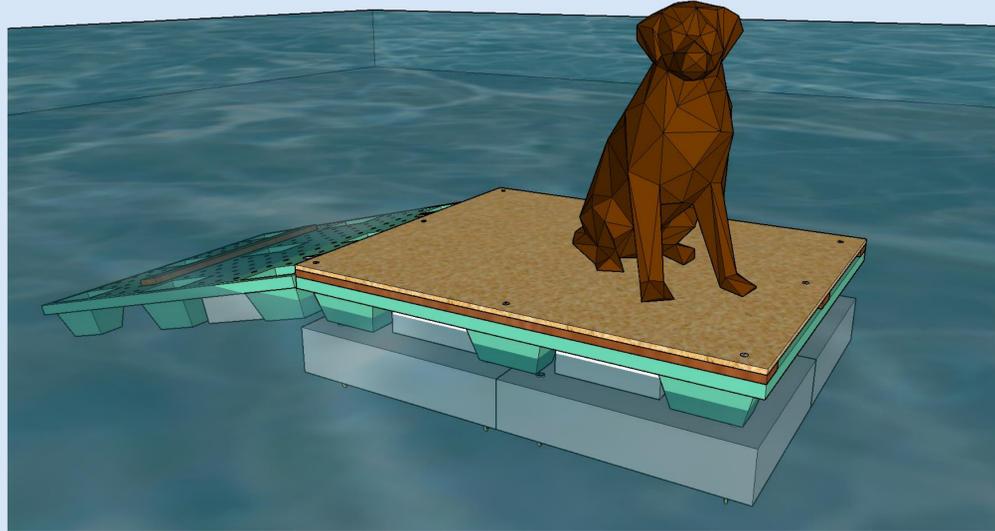


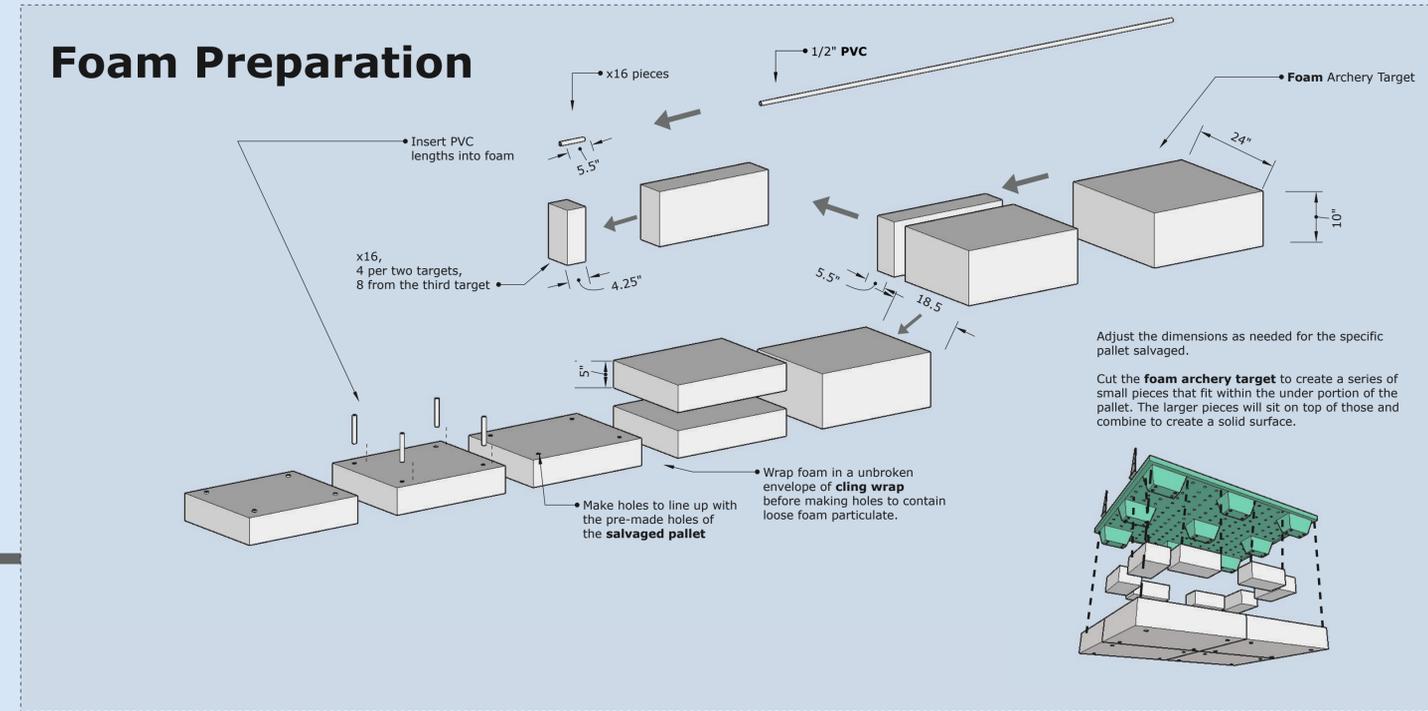
Labrador Island



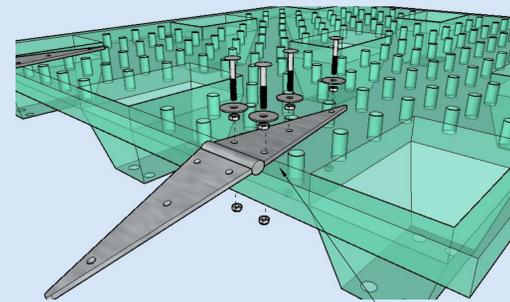
By Zachary Faza

The following instructions are for a specific set of found materials (47"x40" Plastic Pallet, 10"x2'x2' Foam Archery Target), but the design is flexible enough to allow different pallet sizes.

With the materials described here, a maximum weight capacity of 300 pounds can stay afloat.

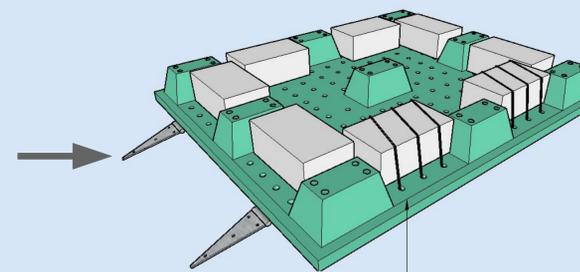


Hinge Assembly



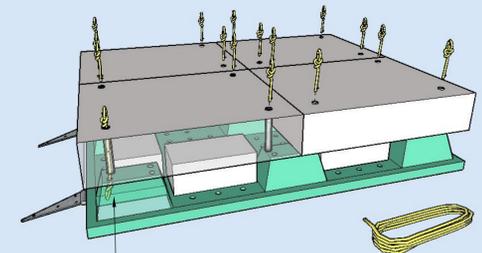
Place the **hinges** within 9" of the edge of your **pallet** mark and drill where the holes are, then use a **bolt and nut assembly** to secure the hinges

Attach Small Foam



Weave **fishing line** through **pallet** holes to secure the smaller **foam** pieces.

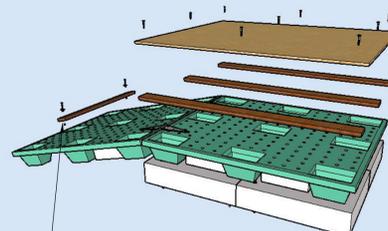
Attach Large Foam



Make the lower knot first, push the untied end through the PVC shaft, then make the upper second knot as tight as possible

Cut **Rope** into 16 pieces at 22" each

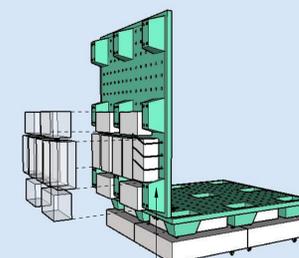
Decking and Grip Board Assembly



Space the three **runner boards** evenly out along the float platform. Attach the **plywood and runner boards** with a **bolt and nut assembly** that is long enough to make it through the **plywood, runner board, and pallet**.

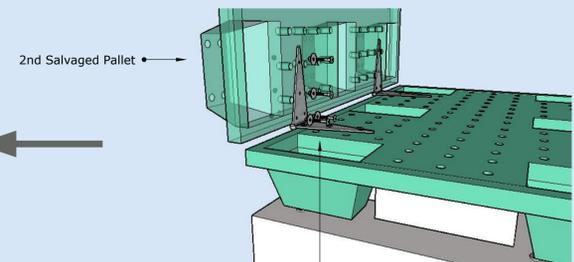
Attach the grip board 1/3 of the way up the water ramp with the bolt and nut assembly.

Attach Small Foam



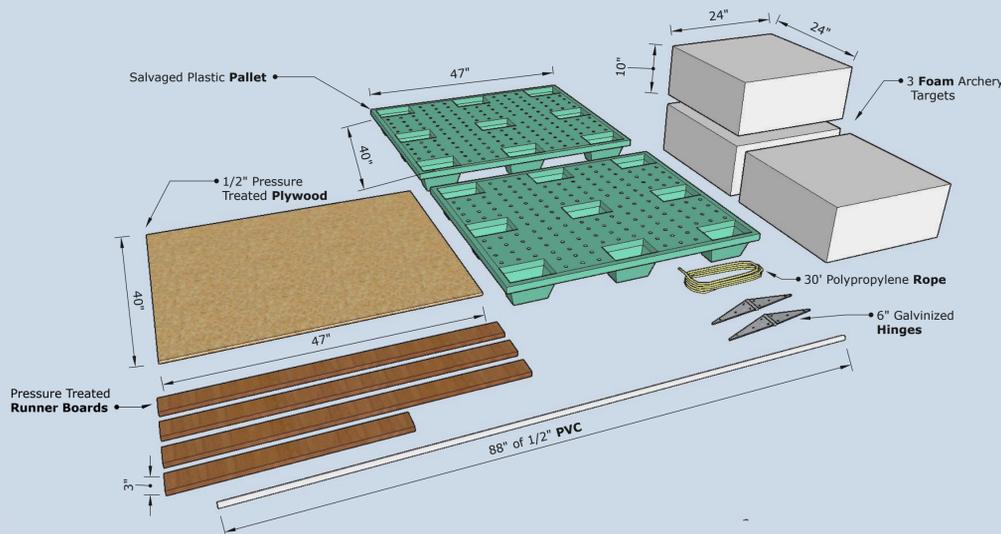
Secure the small foam blocks to the water ramp using the same weaving method with fishing line.

2nd Hinge Assembly



Repeat the hinge attachment process to attach the water ramp to the float platform

Materials



Other Hardware:

- Stainless Steel 2.5" Bolts, with nuts and washers
- 15 Pound Monofilament Fishing Line
- 66 yard x 11 Yard Package of Cling Wrap