

DESIGN SUGGESTIONS/TIPS



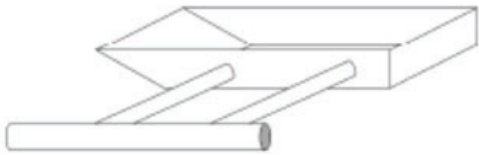
Simple
Box



Slanted
Box



V-Shaped
Bow



Outrigger
Design



Pontoon
Design



Raft
Design

<https://www.depts.ttu.edu/stem/challenge.2014/Slideshow.pdf>

- Long boats go fast but are harder to turn.
- Short boats (<10') are harder to keep straight.
- Kneeling is a 'power' position, but sitting is more comfortable.
- Fold and overlap cardboard for strong corners and supporting edges.
- Strengthen the boat with what you can.
 - Multiple cardboard layers glued together to strengthen the hull.
 - A sheet of cardboard can be folded and glued together to form tubes/beams.