



FIRST LEGO League Table Building Instructions

Materials Needed

- ☐ (3) 8ft 2"x4" pieces of lumber from home depot/lowes etc.
- ☐ (1) 4'x8' sheet of $\frac{3}{4}$ " plywood – NO MDF – MAKE SURE PLYWOOD IS AT LEAST 25/32 THICK
- ☐ (1) box of deck screws 1.75"
- ☐ (4) deck screws measuring ~2.5" (holds corners together where 2"x4" boards meet.
- ☐ Cordless drill

Build Your Table:

Make the table look like the pictures below.

Use approximately 6 screws from underneath on the long edges and at least 4 on the short sides.

Use wood glue as well for better results.

It is critical that the outside edge be flush. The Challenge Mat needs to sit on the inside of the 2"x4" walls.

Paint the 2"x4" borders black inside and out. No need to paint the surface black, unless the team wants the table to match the new table layout seen in CITY SHAPER (2019/20), where "Home" is black.

Each team should get some plastic folding sawhorses for ease of use, or it can be set on a sturdy table.

