MATERIALS:

2 – IKEA Trofast Storage Units (57-1/8” x 18-1/8” x 11¾”)
1 – Half sheet of ¾” Plywood
1 – 2x2x10’
2 – 2x2x8’
5 – 2x4x8’
7 – 2x6x10
1 – 2x6x8’
10 – 1x3x8’
1 – 2x2x6’
¾” Iron-On Veneer Edge Banding
2 ½” Pocket Hole Screws
1 ¼” Pocket Hole Screws
2” Wood Screws
Wood Glue
THAT’S MY LETTER / THE HOUSE OF WOOD – Loft Bed with Play Table and IKEA Trofast

CUT LIST:

LOFT BED:
4 – 2x4 @ 72” (legs)
8 – 2x6 @ 37 ½” (side rails)
1 – 2x4 @ 42 ¾” (ladder frame)
4 – 2x4 @ 10 ¾” (ladder rungs)
2 – 2x6 @ 23 ¼” (top left side rails)
6 – 2x6 @ 75” (front/back rails)
2 – 2x2 @ 75” (mattress cleats)
19 – 1x3 @ 39 ½” (mattress slats)

PLAY TABLE:
4 – 2x2 @ 29 ¼” (legs)
2 – 1x3 @ 43 ½” (long aprons)
2 – 1x3 @ 34 ¼” (short aprons)
1 – ¾” plywood @ 48” x 38 ¾” (top)
Step 1: Build one side. Attach 2x6 rails to legs. Drill 1-1/2” pocket holes and attach with 2-1/2” pocket hole screws and glue.
Step 2: Build ladder frame. Attach with 1-1/2” pocket holes and 2-1/2” pocket hole screws and glue.
Step 3: Attach top side rails. Drill 1-1/2” pocket holes and attach with 2-1/2” pocket hole screws and glue.
Step 4: Build the other side. Drill 1-1/2” pocket holes and attach with 2-1/2” pocket hole screws and glue.
Step 5: Construct carcass. Drill 1-1/2” pocket holes and attach with 2-1/2” pocket hole screws and glue.
Step 6: Attach cleats for mattress. Pre-drill and drill 2x2 straight into 2x6 sides with 2” wood screws and glue. Add a shorter cleat at the head and foot of the bed, if desired.
Step 7: Attach mattress slats. Drill ¾” pocket holes and attach with 1-1/4” pocket hole screws. Alternately, pre-drill holes and attach slats with wood screws screwed into the mattress cleats.
Step 8: Attach ladder rungs. Drill 1-1/2” pocket holes and attach with 2-1/2” pocket hole screws and glue.
Step 1: Build carcass. Attach aprons by drilling \( \frac{3}{4}'' \) pocket holes and attaching to legs with 1-1/4'' pocket hole screws and glue. Check for square and adjust if needed. Don’t forget to drill pocket holes facing up to attach top in next step.

**STEP 1 - BUILD CARCASS**

Construct table carcass by drilling 3/4'' pocket holes into aprons and attaching with 1-1/4'' pocket hole screws and glue. Remember to drill 3/4'' pocket holes into aprons facing up to attach the top in the next step.
Step 2: Attach top with 1-1/4” pocket hole screws and glue, allowing a 3/4” overhang on all sides. Iron on 3/4” edge banding to hide raw plywood edges.