Pinewood Derby Car Stands

Materials (makes at least 10 stands):
#6 x 1" wood screws
#6 x 1 ½" wood screws
1" x 4" x 6' finish pine board
1 ½" x 4' round dowel (Lowes didn't have pine, so this was poplar)
½" x 4" x 2' finish pine board (I bought 2 of these, but ended up only needing 1)

Prep work before den meeting:
Base: Cut the 1" x 4" x 6' board into pieces that are about 4 ½" long. Since the board is actually about 3 ½" wide not 4" the finished base piece is 1" x 3 ½" x 4 ½". Using a 7/64" drill bit, drill a hole in the center of the base.
Dowel: Cut into 2" lengths. Using a 7/64" drill bit, drill a hole through the center of the dowel piece. Using a drill press, I had to drill from one end, then flip it over and drill from the other end.
Top: Cut the ½" x 4" x 2' board into pieces that are about 2" x 2 ½". Using a 7/64" drill bit, drill a hole in the center of the top. Also cut pieces that are about 2" x ½" x ¼". Using wood glue, attach this piece to the front of the top piece.

Boys do at den meeting:
Sand edges. Attach the base to the dowel using the 1 ½" screw. Attach the top to the dowel using the 1" screw. Since I didn't have enough screwdrivers to go around, I had half the den assemble first and half the den sand first. Paint.