

Nail, Screw and Bolt Installation

College of Wooster 2010

“Mini Tech Olympics”

Beginning at home base teams will get screws, bolts, and nails and install into wood. Team members will work one at a time in rotation accomplishing one item at a time. (Only one team member “on stage” at a time.)

ACCOMPLISH THE PROCESS IN THE FOLLOWING ORDER:

Beginning at HOME BASE, get one 1x6, two 1 5/8” screws, one drill, attach one screw bit, and take it to designated location and then go to home base.

Screw 1x6 to stage floor using 2 screws and return drill to original location.

Get one 2x4, two 3” screws, one drill with screw bit, and take items to designated location.

Screw 2x4 to stage floor using 2 screws and return drill to original location.

Get one 1x6, two small nails, one hammer, and take items to designated location.

Nail 1x6 to stage floor using 2 nails and return hammer to original location.

Get one 2x4, two large nails, one hammer, and take items to designated location.

Nail 2x4 to stage floor using 2 nails and return hammer to original location.

Get two 1x4's, one drill, one drill bit. Take to designated location and install drill bit.

Get two 1/4” bolts, two 1/4” nuts, four 1/4” washers. Take to designated location. Line up boards and drill two holes through 1x. Return drill to original location.

Get crescent wrench, install bolts with one washer on each side of 1x and tighten with crescent wrench. Return wrench to original location and return to HOME BASE.