

Youth Performing Arts School

Department of Design and Production

Instructor: Eric Allgeier, Scenic Designer

Stagecraft Class



Test 2 Review Sheet

Know all of the following terms and be able to identify and describe each:

-Hand Tools (47 tools)

-Tape Measure-

-Framing Square-

-Speed Square-

-Try Square-

-Combination Square-

-Bevel Gauge-

-Level-

-Chalk Line-

-Trammel Points-

-Handsaw-

-Hacksaw-

-Keyhole Saw-

-Bucksaw-

-Bolt Cutters-

-Matte Knife-

-Tin Snips-

-Chisels-

-Putty Knife-

-Plane-

-Sureform-

-Claw Hammer- (Straight & Curved)

-Ball Peen Hammer-

-Mallet-

-Hand Stapler-

-Crow Bar-

-Wonder Bar-

-Socket Wrench-

-Screwdriver- (Phillips Head, Flat Head)

-Nut driver-

-Allen Wrenches-

-Crescent Wrenches-

-Open-ended wrench-

-Vise Grips-

-Channel Locks-

-Slip Joint Pliers-

-Needle Nose Pliers-

-Linesman Pliers-

-Diagonal Cutters-

-End Nippers-

-Pipe Wrench-

-C-Clamp-

-Bar Clamp-

-Pipe Clamp-

-Spring Clamp-

-Jorgensen Clamp-

-Quick Grip-

-Vise-

Standard Moldings

-Cornice-

-Crown-

-Picture Rail-

-Chair Rail-

-Casing-

-Paneling-

-Baseboard-

-Shoe Molding-

-Wainscoting-

Other Moldings

-Quarter Round-

-Half Round-

-Closet Rod/Dowel Rod-

-Cove-

-Ogee-

Board Lumber

-1x -1x: 2, 3, 4, 6, 8, 10, 12

-Actual size is $3/4$ " x ?

-2, 3, 4, 6- subtract $1/2$ "

-8, 10, 12- subtract $3/4$ "

-16' Maximum length

-Grades- 1-5 -

-PSF-

-#2 white pine- Most often used

-2x:- 2, 4, 6, 8, 10, 12

-Actual size is $1\ 1/2$ " x ?

-2, 3, 4, 6- subtract $1/2$ "

-8, 10, 12- subtract $3/4$ "

-2x4 is used commonly for legs, trusses and framing

Terms

-Nominal-

-Actual-

-Clear-

-Knot-

-Warped-

Sheet Goods -

-Plywood-

-Lauan-

-MDF- (Medium Density Fiberboard)

-Masonite-

-Homosote-

Metal Products

-Window Screen-

-Hardware Cloth-

-Chicken Wire-

Plastics/Foams

Types

- Styrofoam*-
- Beadboard*-
- Plexiglas*-
- Lexan*-
- Ethafoam rod*-
- Polyurethane Foam*-
- PVC*-

Terms

- Super 77
- 30 NF Contact adhesive
- Sculpt or Coat

-Hardware- Wood and Metal

Screws

- Drywall*- Most common screw in theatre
- Lag*- Has Greater strength
- Tek Screw*- Self tapping. Used for metal

Bolts

- Carriage*- Used for wood
- Hex*- Used for metal
- Stove*- Used for wood. Flush with surface
- Eye*-
- U-Bolt*-

Nuts/Washers

- Hex Nut*-
- Wing Nut*-
- Plain Washer*-
- Lock Washer*-

Nails

- Common*-
- Finish*- Used for finish work. Head does not show
- Brad*- Used for finish work

Staples

-Wide Crown-

-Narrow Crown-

-Wire Staples-

Hinges

-Tight Pin Back Flap-

-Loose Pin Back Flap-

-Butt-

Other

-Angle Iron-

-Coffin Lock-

Tape

-Vinyl Tape- Used for laying dance floors

-Duct Tape- Cheap, strong

-Masking Tape- Used for masking, do not put on floors

-Electrical Tape- Used for electrical purposes such as taping wires

-Gaff Tape- Very strong, does not leave residue

-Glow Tape- used for safety and spiking

Casters

-Swivel- “Smart”

-Straight- “Dumb”

-Triple Swivel- Used for better mobility and bears more weight