

Youth Performing Arts School

Department of Design and Production

Instructor: Eric Allgeier, Scenic Designer

Stagecraft Class



Proficiency Review Sheet

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

The Theatre- Be able to draw and label

-*Stage Directions-* US, SR etc.

-*Plaster Line-*

-*Center Line-*

-*Apron-*

-*Orchestra Pit-*

-*Trap Room-*

-*Grid-*

-Theatre Forms- Be able to draw these and label stage and audience

-*Proscenium-*

-*Thrust-*

-*Arena-*

-*Black Box or Environmental-*

Theatre Equipment and Rigging

-Rigging System (Fly System)

-*Counterweight System-* Be able to describe or label these

-*Batten-*

-*Load-*

-*Loft Block-*

-*Head Block-*

-*Arbor-*

-*Brick or weight-*

-*Operating Line-*

-*Rope Lock-*

-*Tension Block-*

-*T-Track-*

-*Locking Rail-*

-Masking-

-*Leg-*

-*Border-*

-*Full Stage Black-*

-*Tabs-*

-*Traveler-*

Tools

Stationary Power Tools

- Table Saw-
- Radial Arm Saw-
- Miter Saw-
- Drill Press-
- Stationary Sander-
- Band Saw-
- Panel Saw-

Terms

- Rip-
- Crosscut-
- Curf-
- Push Stick-

Hand Held Power Tools

- Drill- Corded and Cordless
- Pneumatics-
 - Staple gun- Wide crown/narrow crown
 - Brad Gun or Finish Nailer
- Circular Saw-
- Jig Saw- (Saber saw)
- Sawz All- (Reciprocating saw, tiger saw)
- Belt Sander-
- Orbital Sander-
- Router-
- Grinder-

Terms

- Pneumatic-
- Chuck/Chuck Key-
- Bit-

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-
- Backsaw-
- 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"
- 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-

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

Fabrics

Scenery Fabric

- Muslin-
- Canvas-
- Sharkstooth Scrim-
- Cheesecloth-
- Burlap-

Stage Draperies

- Velour-
- Duvatyn-

Other Fabrics/Terms

- Jute Webbing-

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

Framed Scenery

Flats

- Traditional Flat*-
- Rail*-
- Style*-
- Toggle*-
- Diagonal Brace*-
- Keystone*-
- Cornerblock*-
- Hollywood Flat*-
- Fasteners*-
- Staple Pattern*-
- Dimensions*-
- Profiles*-

Three Dimensional Scenery-

Doors

- Casing*-
- Jam*-
- Shutter*-
- Stop Molding*-

Windows

- Casing*-
- Jam*-
- Sash*-
- Sill*-
- Double Hung Sash*-

Weight-Bearing Scenery-

Platforms

-Three Parts-

-Frame-

-Lid-

-Legs-

-Wagon-

-Slip Stage-

-Jackknife-

-Turntable-

-Show Deck-

-Track and Knife System-

Rope Knots and Uses

-Two Half Hitches-

-Clove Hitch -

-Square Knot-

-Figure Eight-

-Bowline-