

Technical Theatre

Unit 4 Vocabulary

Chapter 8: Tools and Materials Shop Tour / Safety

For the following **HAND** tools, 1. explain their purpose or function, 2. draw a picture of the tool, 3. Explain all safety precautions for each.

Marking and Measuring Tools
Paining and Paring Tools
Prying and Clamping Tools

Cutting Tools
Boring Tools

Explain the difference between a Staple Gun and a Pneumatic Stapler.

For the following **POWER** tools, 1. explain their purpose or function, 2. draw a picture of the tool, 3. Explain all safety precautions for each.

Circular Saw Saber/ Jig Saw
Electric Drill Router
Electric Screwdriver Table Saw

Explain the following **Fasteners**

1. explain their purpose or function, 2. the most common types, 3. draw a picture of the fastener 4. Explain how to use them.

Nails Screws Bolts
Nuts Washers Hot Glue Gun

What are the differences between the following types of Common Hardware?

Hinges
Latches
Casters

What are the difference between the following types of stage hardware?

Lashing Hardware
Bracing Hardware
Flying Hardware

1. What are the main differences between the following Structural Materials? 2. Explain the different types of each, 3. show examples, 4. list the necessary information for each.

lumber (include dimension, grade, type)
metal
plastic

List and Explain the shop safety rules.