

# STATE FAIR 4-H WOODWORKING GUIDELINES

## **"MEASURING UP"**

### PROJECT # 556

#### GENERAL RULES:

- | <u>Project #</u> | <u>State Fair Class</u> | <u>Designation</u>               |
|------------------|-------------------------|----------------------------------|
| 556              | J-1                     | Junior Division – through age 13 |
| 556              | J-2                     | Senior Division – age 14 and up  |
- A member **may** take the project for up to 3 years before advancing.
  - The member must complete and exhibit one project. The project may be based on plans from the 4-H project book or a project **of similar size and scope** from any other plan.
  - Allowable Tools:** **This is strictly a HAND HELD tool project: regardless of age!** It can be taken for up to three years, but it remains a **"HAND HELD tool project!"**
  - The **"designated adult helper"** may dimension lumber to correct width. They may also advise and assist so long as the member does at least **90%** of the project work.
  - Any non-power tools may be used.

The following power tools may be used only with **proper safety instruction and under direct supervision of the "designated helper."**

**- Power hand sanders, oscillating belt sander, power drills, jigsaw, scroll saw**

# STATE FAIR 4-H WOODWORKING GUIDELINES

## **"MAKING THE CUT"**

### PROJECT # 557

#### GENERAL RULES:

- | 1. | <u>Project #</u> | <u>State Fair Class</u> | <u>Designation</u>               |
|----|------------------|-------------------------|----------------------------------|
|    | 557              | J-3                     | Junior Division – through age 13 |
|    | 557              | J-4                     | Senior Division – age 14 and up  |
2. A member ***may*** take the project for up to 3 years before advancing.

**PROJECT SPECIFIC RULES:** Complete and exhibit one constructed project. The project may be based on plans from the 4-H project book or a project of **similar size and scope** from any other plan.

**Allowable Tools:** All tools in Project 556 Plus the following power tools may be used **only with proper safety instruction and under direct supervision of the "designated helper."**

**Power miter saw, thickness planer, table saw, cordless trim saw, drill press, power nailing devices, power sander, band saw, biscuit joiner, pocket screw joints**

**PLEASE NOTE THAT ROUTER, SHAPER, AND LATHE WORK IS NOT ALLOWED**

The "designated adult helper" may advise and demonstrate so long as **the member does 100% of the project work**. Complete and exhibit one constructed project. The project may be based on plans from the 4-H project book or a project of **similar size and scope** from any other plan.

# STATE FAIR 4-H WOODWORKING GUIDELINES

## **"NAILING IT TOGETHER"**

### **PROJECT # 558**

#### **GENERAL RULES:**

<b>1. <u>Project #</u></b>	<b><u>State Fair Class</u></b>	<b><u>Designation</u></b>
<b>558</b>	<b>J-5</b>	Junior Division – through age 13
<b>558</b>	<b>J-6</b>	Senior Division – age 14 and up

2. A member ***may*** take the project for up to 3 years before advancing.

#### **PROJECT SPECIFIC RULES:**

**1. Project Requirements** (based on State Fair guidelines)

- A. Complete and exhibit one constructed project. The project may be based on plans from the 4-H project book or a project of similar size and scope from any other plan.

**2. Allowable Tools** (based on State Fair guidelines)

- A. The "designated adult helper" may advise and demonstrate so long as **the member does 100% of the project work.**
- B. The following power tools, in addition to the tools listed in Projects 556. 557. may be used **only with proper safety instruction** and under direct supervision of the "designated helper"

**Shaper, radial arm saw, lathe, router/router table, dovetail jig, joiner**

## **STATE FAIR 4-H WOODWORKING GUIDELINES**

### **“FINISHING UP” #559 & “WOODWORKING MASTER” # 560A**

Project should show creativity, proper joinery technique, good layout and design. Projects might include: intarsia, carvings, marquetry, lathe work, original designs and antique furniture reproductions.