**MUSICAL PROJECT**

**BUILD A CAN-TAR**

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**LET’S BEGIN!!!!**

**TOOLS**

**Masking Tape Robertson Screw Driver 1/8 Drill bit**

**¼ Drill bit Hand Drill Ruler Pencil**

**MATERIALS**

**1 piece 2” x 21” ¾ Plywood 24” Fishing Line 1 ¼ #8 Wood Screws**

**1 piece 2” x 10” ¾ Plywood Tuning Peg 3/16 Flat Washer**

**1 piece 2” x 5” ¾ Plywood 1 Tin Can (Soup Size) 1 Fret Support Block**

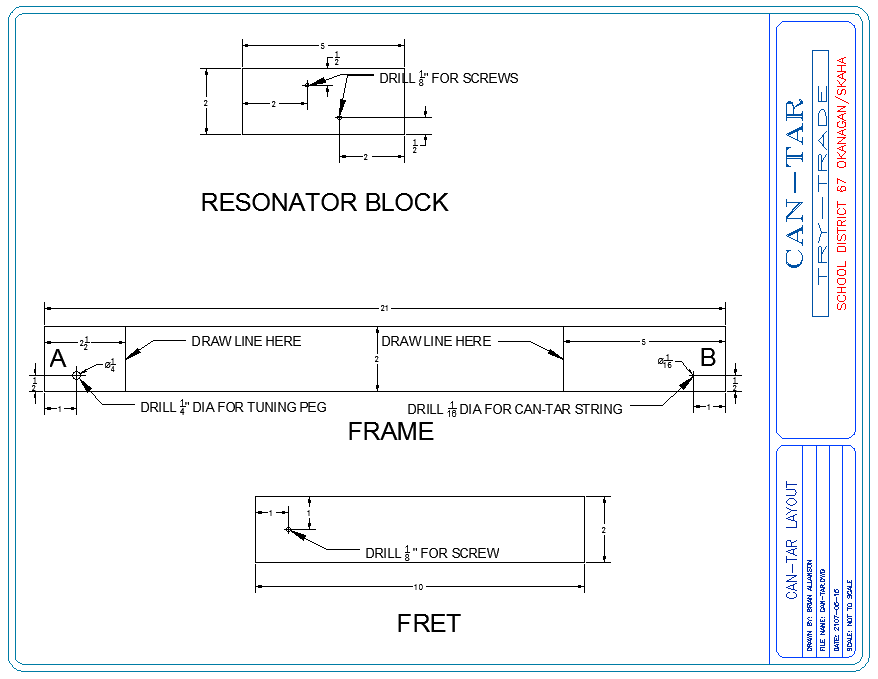
**DIRECTIONS**

**LAY OUT FOR DRILLING**

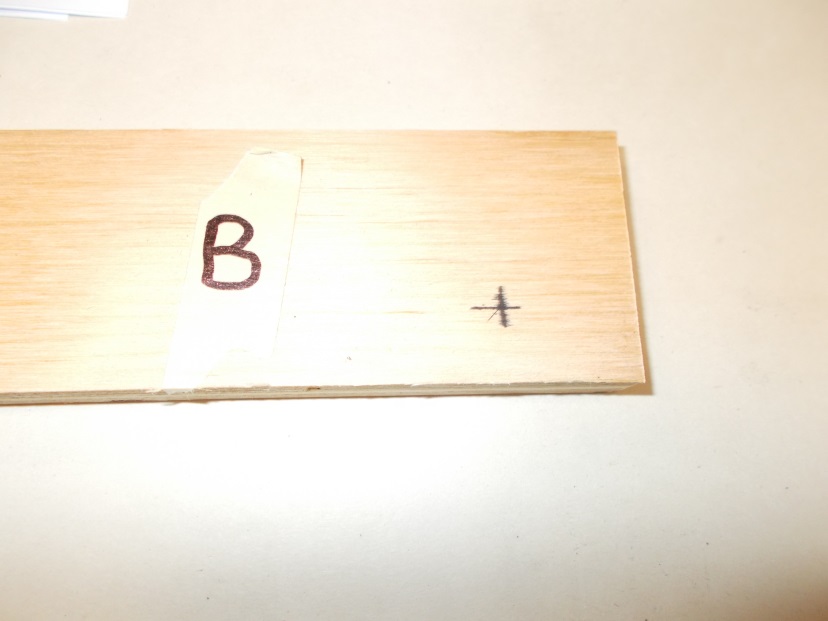
1). Using masking tape, mark “A” on one end of your longest piece of plywood. (2” x 21”). Mark “B” on the other end.

Layout the frame of the can-tar using **CANTAR LAYOUT** on the following page.

**HINT: USE PENCIL!!! JUST IN CASE YOU NEED TO ERASE.**



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Mark your hole locations with a “t” or cross shape.



2). Don’t forget to draw lines 2 ½ inches from the **“A”** end of the fret and 5 inches from the **“B”** end of the **FRET**.

**HINT: Always refer to the blueprint and double check your measurements!**

3). Measure and layout marks for your **RESONATOR BLOCK.** The Resonator Block is 2” x 5” long.



4). Measure and layout marks for your **FRET**. The Fret is 2” x 10 “ long.



**STOP!**

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**Have your teacher check your measurements before proceeding!**

**DRILLING HOLES**

Check with your teacher how to drill the holes.

**HINT: NOT ALL OF THE HOLES ARE THE SAME SIZE! CHECK THE DRAWING AND TAKE NOTE OF WHICH SIZES BELONG ON EACH COMPONENT.**

**YOUR TEACHER MAY BE IN CHARGE OF DRILLING THE HOLES.**

**ASK!!!!!**

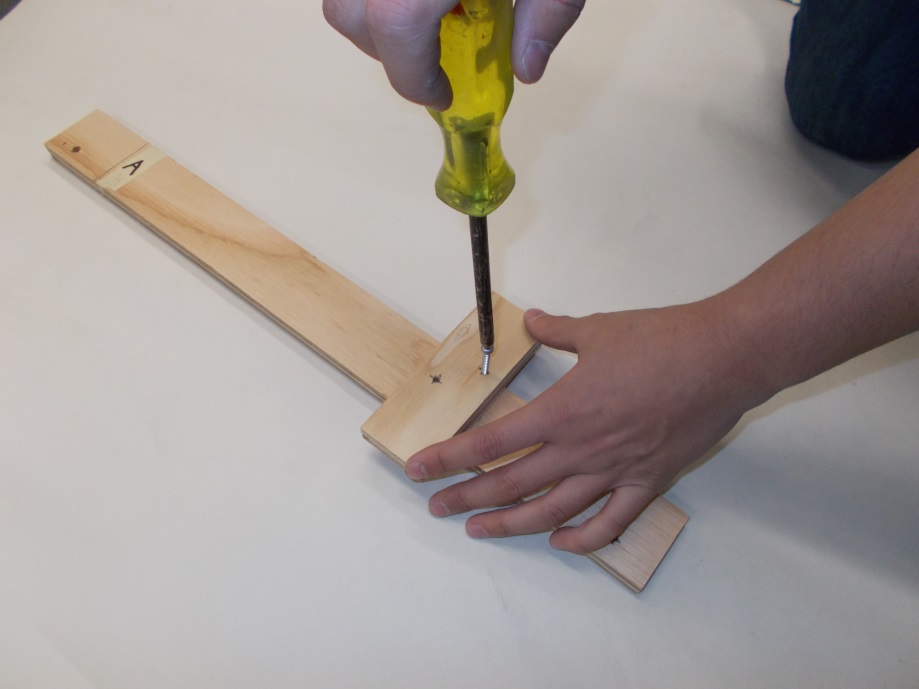
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**ASSEMBLY**

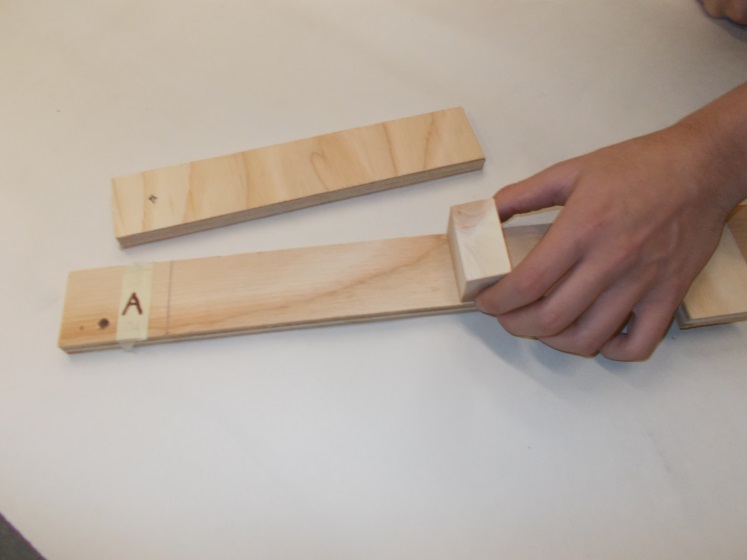
You will need:

* Screw Driver -Wood Screws

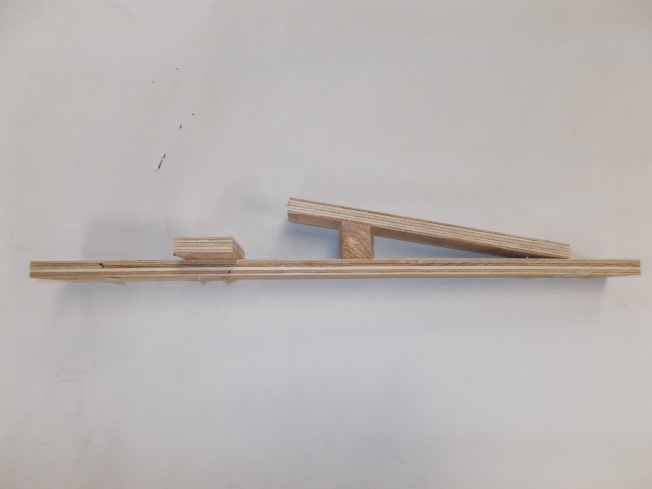
5). Place the **RESONATOR BLOCK** on the “B” end of the **CAN-TAR FRAME**. Use the line as a reference to keep the block square and in the right position.

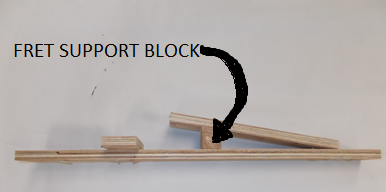


6). Place the **FRET SUPPORT BLOCK** on near the middle of the **CAN-TAR FRAME**.

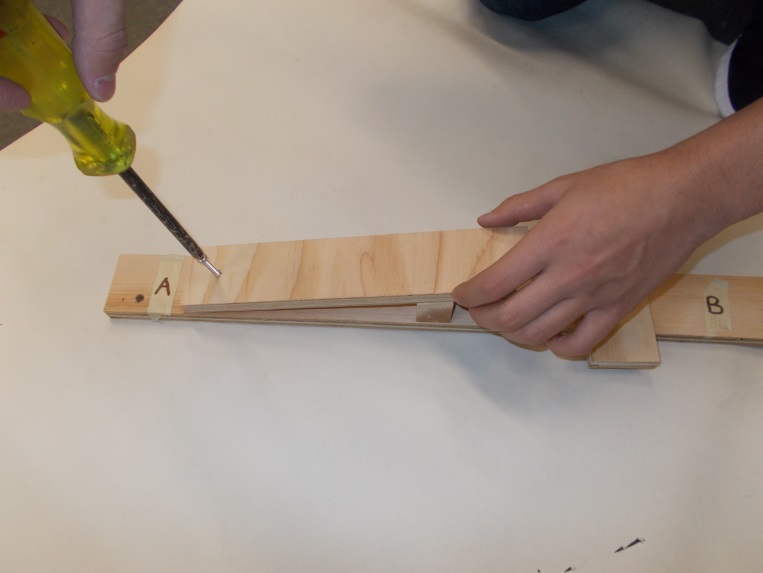


7). Place the **FRET** on to the **CANTAR FRAME**. The **FRET SUPPORT BLOCK** should be underneath the **FRET**.



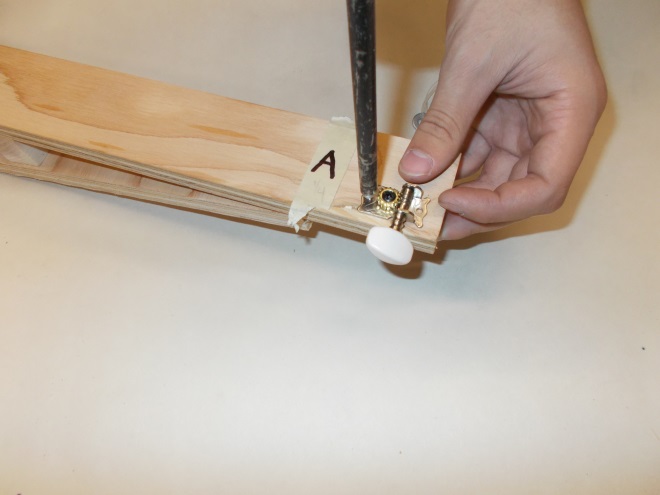


8). Screw the **FRET** to the **CAN-TAR FRAME**. Use the line on the **“A”** end of the **CANTAR FRAME** as a guide to keep the **FRET** square and in the correct postion.



9). Push **TUNING PEG** from underside of **CAN-TAR FRAME** through the 1/4” hole.

10). Use a **SCREW DRIVER** to install **TUNING PEG**.



**CHOOSE YOUR TIN CAN!!!!**



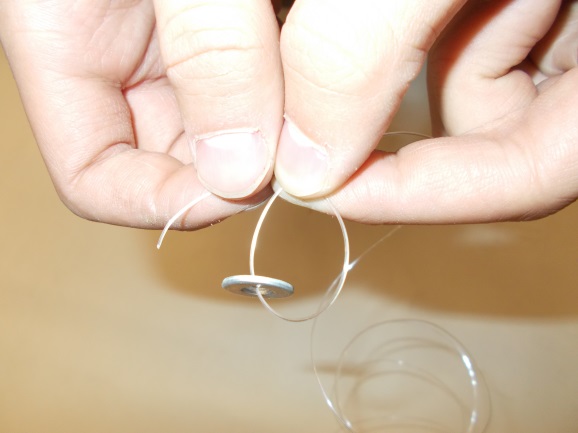
**Hint: Different cans will give out different tones and sounds. Experiment with different tin cans when you take your CAN-TAR home!!!!**

**STRINGING YOUR CAN-TAR**

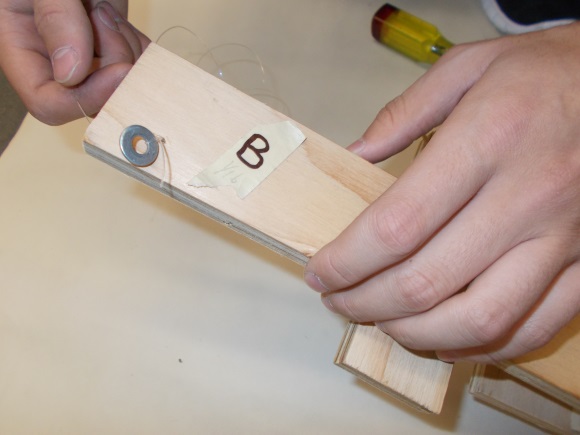
You will need:

* 24” Fishing Line - Small Flat Washer

11). Tie the flat washer on one end of the fishing line.

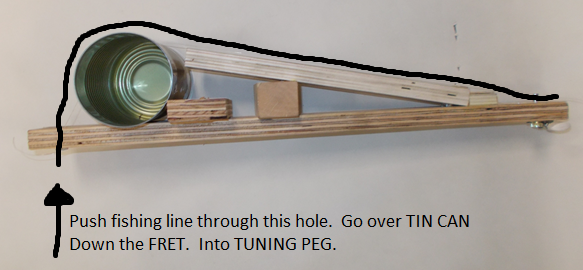


12). Feed the fishing line through the **UNDERSIDE** of the **“B”** end of the **CANTAR FRAME**.



13). Bring the Fishing line over the **TIN CAN** and through the hole in the **TUNING PEG**.





14). Turn the **TUNING PEG** in a clockwise motion or counter clockwise motion to tune your CAN-TAR.

**YOU ARE FINISHED CONSTRUCTION OF YOUR CAN-TAR!!!**