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**Woodshop**

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## **CANDY DISPENSER CLASS**

**AGE: 12-15 & 16-28**

**ESTIMATED LENGTH: 6 HOURS (taught in two 3-hour class sessions)**

### **NEEDED MATERIALS:**

- A quart canning jar with a 2 ¾" lid (the smaller ones)
- 7/8" (or ¾") thick piece of wood at least 12" long and 5 ½" wide
- 7/8" (or ¾") thick piece of wood at least 20" long and 4 ½" wide
- 3/4" thick piece of wood at least 8" long and 2 ¾" wide
- Another small piece of wood to rip down to ¼" about 8" long
- ¼" dowel about 2" long
- ½" dowel at least 3" long
- 1 1/8" (or close) dowel at least 4" long
- Wood glue, hammer, miter saw, table saw, drill press, router, pin nailer
- Drill bits: ¼", ½", 1 ½", and 2 ¾" or a jig saw
- Optional.... 1 ½" rubber plug for the piggy bank
- Mineral Oil

### **INTRO AND CLASS SUMMARY:**

1. Gather Students And Begin In Prayer.
2. Read And Discuss Quotes: Moral parable - Sharing,

### **(Day 1)**

#### **Discussion:**

-Talked about Brother Branham giving out candy in Finland, Red Hots, Peppermint candy, and giving his brother licks off his candy. Also talked about an orange was like candy at Christmas time to him and his brothers, and about the Scripture verse below.

#### **SCRIPTURE:**

My meditation of him shall be sweet: I will be glad in the Lord. ***Psalms 104:34***

#### **QUOTE:**

**51-0928 At Thy Word**

E-33 And they give me some of that old money they had, and all--after they'd all get in the auditorium, I'd slip out and--and get that candy, you know, and give to them little kiddies. And I had a string of them as long--city block long following me.

And the little things, little girls, they'd pull their little skirts out like this and say, "Kiitos," Thank you, you know. "Kiitos" means "thank you." And they'd pull their little skirts out like that and thank me, you know, for the candy. And I'd go on down and see another bunch. I had a lot of that old money, you know, I just would give it all I could do. I just love little old kiddies anyhow, I wallow them.

## **(Day 2)**

### **Discussion:**

-Little boy sharing five loaves and two fish for Jesus to feed five-thousand.

-Ask kids: What are examples from the Bible that teach us to share?

-Still Waters was a popular topic and the class was excited to talk about the atmosphere that is created there. At camp you just love each other and want to share your love with one another. Teacher said that the atmosphere should not just be at camp, but everywhere you go. The way you create this atmosphere is by reading your Bible and listening to the Tapes every day.

-Someone that we should always share our candy with is our sibling's. If your brother had candy you would want him to share it with you, so you should share with him. This ties into the Scripture below that was read in class.

-Talked about how when the boy came to Jesus and shared five loaves of bread and two fish, and in return Jesus fed five thousand. Teacher spoke how the main thing is to keep focus on why we are here and about how we should live our lives for others. The most important illustration that we talked about was, how God shared His Son, Jesus Christ so that we could have Eternal Life.

## **SCRIPTURE:**

Therefore all things whatsoever ye would that men should do to you, do ye even so to them: for this is the law and the prophets. ***Matthew 7:12***

## **(Day 2) Quote:**

### **53-0614A Earnestly Contending For The Faith That Was Once Delivered To The Saints**

E-1d Now, I would like to read some of the Gospel, the glorious Gospel of our Lord. I like to tell about it what I know. Don't know too much, but what I do know, I like to share it with others. And you know, that's the way the Gospel is: we have to share it with others. Any good thing, we should share with somebody. When you go to have a great big dinner, and you like to have your neighbor to come in, and say, "Share it with me." And you kindly share things, mutually, all along.

## **Class Summary:**

- Go over basic guidelines/rules.
- Show examples/samples and demonstrate.
- Let students begin building their own candy dispensers.

## **Candy Dispenser Tutorial:**

### **Top and Bottom Pieces:**

Using a 7/8" (or 3/4") thick piece of wood (we used walnut) rip a 12" minimum length piece to 5 1/2" wide.



Take it to the miter saw and cut 2 pieces at 5 ½” long. So now you have 2 pieces 5 ½” x 5 ½”.

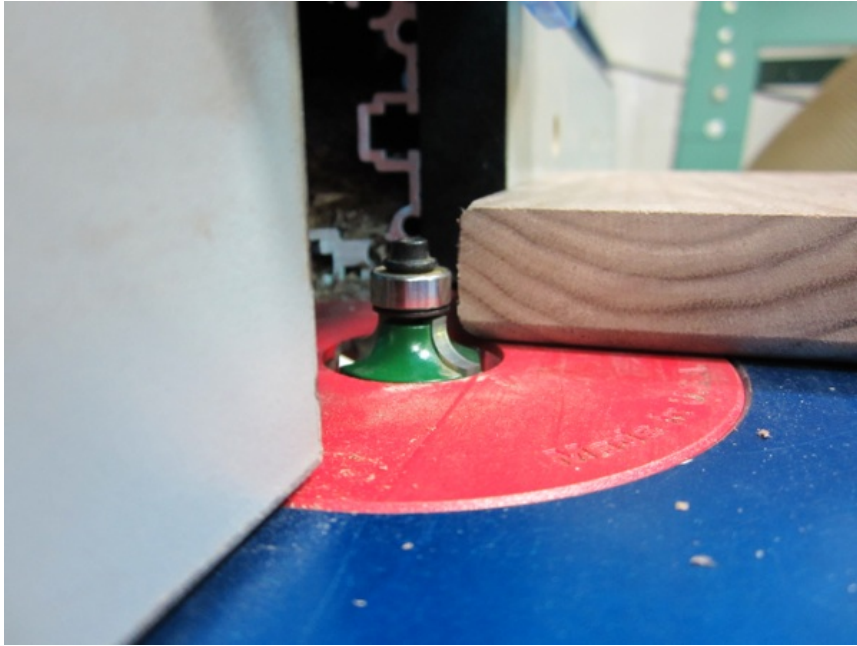


Then using a drill press drill a 2 ¾” hole through the center of one of the pieces (this is the hole for the lid of the jar. If you don't have a 2 ¾” bit you can use a jig saw with the lid as a pattern)



Optional: You can drill a 1 ½” hole in the center of the other piece which becomes the base, then get a 1 ½” rubber plug and use the lower half of the dispenser as a piggy bank.

Using a ¼” round over bit, or whatever you prefer, router the top edges of each piece. This is your top and base.

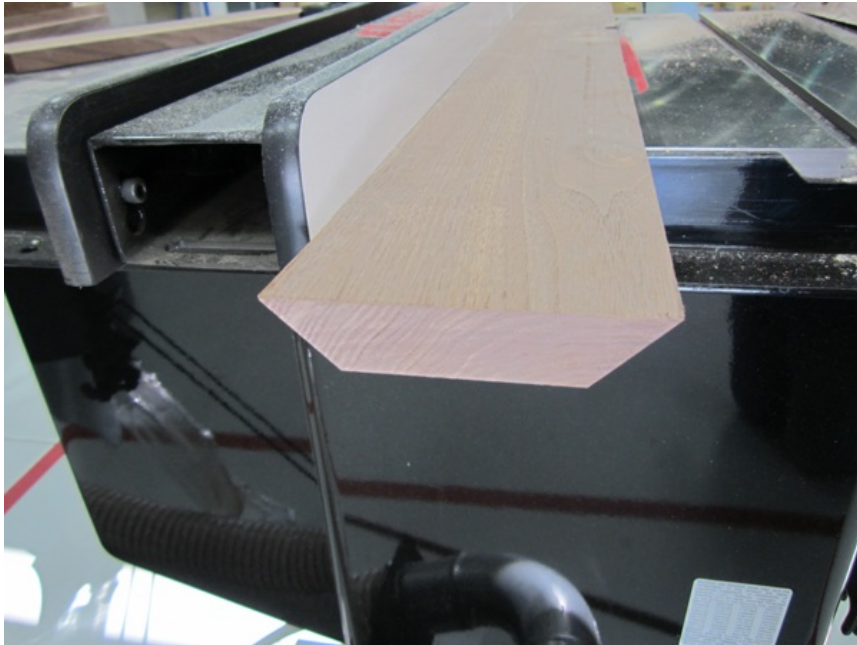


### **Sides:**

Using a piece 7/8” (or ¾”) thick at least 20” long, run through a table saw with the saw set on 45 degrees.



Then run the other side of the board back through so you have a 45 degree angle on both sides with the long points of the 45's measuring 4 1/2" between them.



Next, using a miter saw, cut 4 pieces a 4 3/4" in length. Take one piece and cut a 3/8" x 5/8" section off the inside corner of one of the end grain ends. (3/8" in from the short sides of the 45 degree angles) using the table saw. This is the rabbitted section that will be the top of one side of the box for the 1/4" dowel in the slide to run in.



### **Assemble Box:**

Cut a piece of  $\frac{3}{4}$ " thick wood  $2\frac{3}{4}$ " light by  $2\frac{3}{4}$ " light. Measure down from the top of the box on one side piece and mark  $\frac{13}{16}$ " light. Glue and pin nail the top of the block on this mark in the center of the board on the inside of one of the side pieces.



Glue and nail each side piece on, keeping it the same distance from the top.







Trim the ends of the box square with either a belt sander or table saw taking off as little as possible to get it square.

Using a plunge bit on a router set slightly over  $\frac{3}{4}$ ", router a  $2\frac{3}{4}$ " groove in the center of two opposing sides making sure not to router the side with the rabbited section.



### **Dispenser Slide:**

- Cut a piece of  $\frac{3}{4}$ " thick material  $2\frac{3}{4}$ " wide, and using the miter saw, cut it 8" long. From the front, measure back  $4\frac{3}{8}$ " and drill a  $\frac{1}{4}$ " hole in the side of the slide. Glue and hammer in a  $\frac{1}{4}$ " dowel and cut off with  $\frac{3}{8}$ " sticking out.

- Set your slide in place so you know which side is top and which side is bottom. From the front measure back  $2\frac{1}{2}$ " and drill a  $1\frac{1}{2}$ " hole in the center of the **BOTTOM** of the slide. Go in  $\frac{9}{16}$ " and stop. Then finish the hole the rest of the way with a  $\frac{7}{8}$ " bit ( $1\frac{1}{8}$ " for bigger candy like peanut M&M's)

- Sand and slightly round the edges of your slide.



Next drill a  $\frac{1}{2}$ " hole in the center of the front end for your handle. Go in  $\frac{3}{4}$ ". Using a 1  $\frac{1}{8}$ " dowel rod (or similar), drill a  $\frac{1}{2}$ " hole in the center of it going in only  $\frac{5}{8}$ ". Round the outer edges of it on the side with the hole, then glue and hammer in a  $\frac{1}{2}$ " dowel into the bigger dowel.



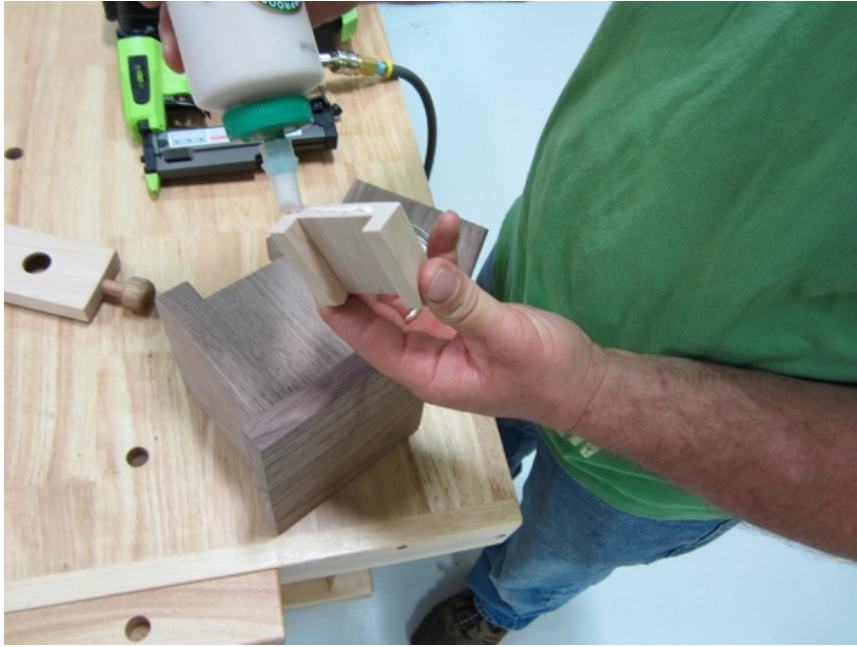
Next cut the bigger dowel to 7/8" long and use a sander to round the edges of it.



Now you want to cut the  $\frac{1}{2}$ " dowel so there is  $1 \frac{1}{2}$ " sticking out of the bigger dowel and glue and hammer it into the front of the slide. Your slide is finished.

### **The spout:**

Rip a piece of wood about 8" long to  $1 \frac{1}{2}$ " x  $\frac{3}{8}$ ". Next rip 2 pieces 8" long to  $1$ " x  $\frac{1}{4}$ ". Glue and pin nail the  $\frac{1}{4}$ " strips to either side of the  $1 \frac{1}{2}$ " piece. Cut the side going against the block at 20 degrees. Measure down the bottom  $2 \frac{1}{2}$ " and cut the spout square on the other end. Then 45 the front corners of the two  $\frac{1}{4}$ " side pieces. Next come down  $\frac{1}{4}$ " from where the bottom of the slide will set and glue and pin nail the spout on.



## Finishing:

With only the ring of the lid screwed on the jar (not very tight) decide which part of the jar you want facing towards the front and press into the hole enough for it to catch enough to unscrew the jar. Then, using a block of wood and hammer tap in the ring the rest of the way.



Make sure that the slide works properly with the top setting on top. Trim the wood with a chisel so the slide stops  $\frac{1}{2}$ " in front of the box. You can add another  $\frac{1}{4}$ " dowel also if you feel you need to so it doesn't slide as far. Take a smooth faced hammer and lightly tap on the corners of the box if there are any gaps in the corners. Sand every where. Then wipe on Mineral oil to all wood surfaces. Except the top end grain of the box and the bottom of the top. Next glue and pin nail the top on so it is a  $\frac{1}{2}$ " sticking out all around and should be even with the front of the slide when all the way in.







Finish applying mineral oil under the ½” lip.

Turn the dispenser upside down when screwing on the jar with the candy. Enjoy!

