

# HART™



## Scrap Wood Pumpkins

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# PROJECT PLAN

**Finished Dimensions:** 12" W x 20" H


**Skill Level:** Beginner


# Materials

Item	Qty
1" x 3" x 4' Board*	1
1" x 5" x 4' Board*	1
1" x 6" x 4' Board*	1
#8 x 1-1/4" Screws	1 box
Sandpaper** : 80-Grit	1 sheet
Wood Glue	-
Acrylic and/or Spray Paints	-
Water-Based Polyurethane	1 can (8 oz.)

\* Board Dimensions are "nominal". Actual dimensions are smaller due to lumber industry standards. Cuts are actual length.

\*\* Starting grit will depend on board surface condition, a rough surface will require starting with a coarse grit first.

 Grit is measured in the coarseness of the particles on the sandpaper. The lower the grit number, the coarser the paper. Heavy sanding would require 60 to 80 grit, medium sanding would require 120 to 220 grit, and finish sanding would require 320 to 400 grit. Super fine sanding would be 600 grit and higher.

 A select/premium board or plywood comes with a smoother surface finish. It is clear or has very few tight knots, and it will have straight and sharp edges. This grade of wood pairs well with other boards or panels better and requires less time to sand and finish.

# Tools Used



10" Miter Saw



20V Drill/Driver



20V Impact Driver



Orbital Sander



Tape Measure



Drill Bits



Spade Bits




Safety Glasses



Scissors

Also Need:  
Clamps

 **Battery Tip:** A 4.0 Ah battery is recommended to be paired with high amp draw tools for maximum efficiency.

# Lumber Cut List

Board*	Description	Cut To	Qty
1" x 3" Board	Small Pumpkin	6.5"	1
1" x 5" Board	Medium Pumpkin	8.5"	1
1" x 6" Board	Large Pumpkin	12"	1
1" x 6" Board	Base	12"	1

\* Board dimensions are "nominal." Actual dimensions are smaller due to lumber industry standards. Cuts are actual length.


## Assembly Instructions

### Step 1

Before starting, ensure that you have proper safety guidelines in place (closed-toed shoes, hair up, safety glasses on, and do not wear loose earphones/lanyards).

### Step 2

On each wood board (the 1x3, 1x5, and 1x6), measure down 3 inches on one end. Set your miter saw to 45-degrees and cut off the right and left corners of each board. These will be your PUMPKINS!

 **Tip - Instead of changing the direction of the angle on your saw, mark the measurement for one corner on one side of your board, then flip the board over and mark the second measurement. Now when you cut, you can flip the board without having to change the saw's setting.**

### Step 3

On the top (the small flat side with the two 45-degree cuts) of each pumpkin, use your tape measure and marker to mark the center of each pumpkin.

## Step 4

Using your 20V Impact Driver and 3/4" spade bit, drill a hole into the top center of each pumpkin for the stems (you'll add these in a later step).

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## Step 5

Sand the surfaces of each pumpkin and the base using your 20V Orbital Sander with 80-Grit sandpaper.

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## Step 6


Now comes the fun! Use a wood stain and rag to stain your base (the 12" 1x6 piece). We used Minwax's Espresso stain.

Paint each pumpkin in the color of your choosing. We started with a coat of spray paint on each pumpkin. Once the spray paint dried, we used acrylic paint (with painter's tape and a dabbing sponge) to create designs.

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## Step 7

Once all of your stain and paint has dried, place the stained base on a table (we put our most imperfect side face-up). Then, arrange the three pumpkins how you like.

 **Tip -Use a marker to trace the perimeter of each pumpkin to know where to drill.**

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## Step 8

Clamp the base to your work surface and use a drill and 7/64 bit to make two holes spaced evenly apart in the outline of each pumpkin. Make sure your bit goes completely through each hole, as this will be how you secure the pumpkins to the base.

## Step 9

Flip each pumpkin upside down, then place the base on top (the side with markings from step 7 will be facing up at this point). Line up your pre-drilled holes with each pumpkin and use an impact driver and 1-1/4" wood screws to secure each pumpkin to the base.

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## Step 10

Flip your pumpkin assembly upright. Apply wood glue in each of the three holes you drilled in step 4 and place a small twig in each hole. Search your yard for the perfect twigs to be your pumpkin stems!

Finish your pumpkins with raffia, jute, or a bow, and your project is complete!