

MAKERY PROJECT: Wood Laptop Stand

(using the Carvey carving machine)

TIME: 3 weeks

SKILL: Intermediate

Create something useful that will wow your friends and family when you say “I made that.” Select your favorite wood to showcase your new woodworking skills!

Note: Children younger than middle school must be directly supervised by an adult.



Materials You Need to Bring



18 COUNT - 3/4 INCH THICK WOOD
IN 8X12" SHEETS



WOOD GLUE



SANDPAPER



WOOD SEALANT



WOOD STAIN
(OPTIONAL)

Equipment Provided in the Makery



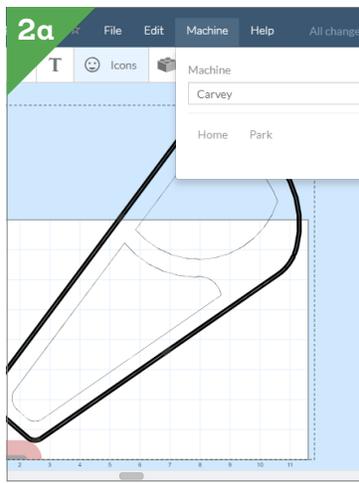
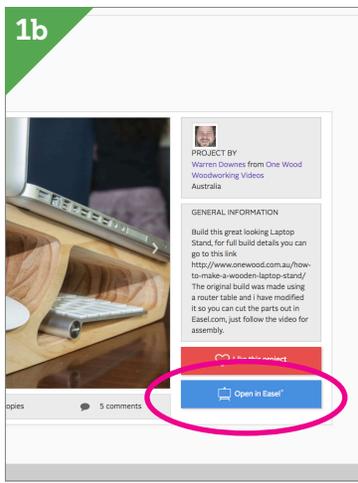
CARVEY BY
INVENTABLES



1/8" STRAIGHT
FLUTE BIT

TIPS:

- Bringing extra materials is always a good idea.
- This project is from the Inventables website. Visit elmlib.org/laptopstand for more detailed instructions and video.



1 FIND:

a. Sign in to easel.inventables.com. If you are a first-time user, create a new account.

b. In another browser window, open elmlib.org/laptopstand and click [Open in Easel].

2 PREP:

a. Click [Machine] from the top menu to confirm "Carvey" is selected. In the bottom left, toggle to inches.

b. In the left workspace, click and drag to select all, then change [Outline] to "on path."

c. With all of the design still selected, rotate and resize the design to fit within the 12" dimension.

d. In the upper right, use the Material Type and Material Dimension menu to match the materials you are using.

Note: The Carvey has a max build plate of 8x12 in.

3 CREATE:

a. Visit the Makery to cut the design out using the Carvey with the 1/8" Straight Cut bit.

Note: The Carvey has a 2-hour limit per day, so this project requires several visits to the Makery.

b. Glue the pieces together. After the glue sets, sand the entire stand.

Note: More info about sanding techniques start at minute 5:00 in the video at elmlib.org/laptopstand.

c. Apply desired wood stain and/or wood seal per the instructions on the bottle.

