



STEM Nova & Supernova Activities in Michael's Woodshop



NOVA Swing!

Lever abound in Michael's Woodshop! To help meet requirement 4 of [NOVA Swing](#), our volunteers would be happy to schedule a time for a Den visit. Challenge: How many levers can you identify?

4. Do the following: A. Visit a place that uses levers, such as a playground, **carpentry shop**, construction site, restaurant kitchen, or any other location that uses levers. B. Discuss with your counselor the equipment or tools that use levers in the place you visited.

Dr. Charles H. Townes Supernova Award For Webelos and Arrow of Light Scouts

Michael's Woodshop is the perfect place to complete a woodworking project as a part of requirement 1 of the [Dr. Charles H. Townes Supernova Award](#). We have several tool box and birdhouse projects "ready to go" in the shop and would also be happy to organize project activities for other options listed.

Requirement 1. Complete two of the following: Elective Adventure Engineer, option A, or option B.

*Option A: Do all of the following: (a) **Construct one of the following from wood**, and one from another material: Book rack, Shelf, Bulletin board, Tie rack, Letter holder, Notepad holder, Toolbox, Towel rack, Recipe holder, Lamp stand, Kitchen knife rack, Kitchen utensil rack, Napkin holder, Garden tool rack, Lid holder, Mailbox, Birdhouse, Desk nameplate, Letter, bill, and pencil holder, Bread box, Key rack, Measuring cup rack, Measuring spoon rack.*

How to Schedule a Visit or Project Activity

NOVA Swing Shop Visit: There is no cost associated with a visit to Michael's Woodshop, but we ask that you email us in advance to schedule a time. Please include Pack #, Den #, the number and age(s) of youth, a range of dates for the visit and general preferences for days/times that would work well (Mon or Tue evenings, any time on a Saturday, etc.). Shop visits should last approximately 45 minutes and we expect Dens to provide adequate adult supervision throughout the visit. You can also combine your shop visit with a project activity in Michael's Woodshop or with other activities at Camp Snyder.

Townes Supernova Project: For Groups of 4 or more, please visit our website and follow the instructions for "[Reserving Michael's Woodshop](#)". You may select an appropriate project from our [Project Idea List](#) or alternatively, you may propose your own project (please provide drawings, photos, etc.). Project Activity costs are \$6/youth + material cost (generally \$5-\$10, depending on the project). For Individual Scouts or Smaller Groups, please register for one of our [Townes Supernova Project Sessions](#).

If you have any questions or would like to schedule a shop visit, please email us at MichaelsWoodshop.CWBS@gmail.com