

DISCOVER THE INTELLIGENCE IN YOUR STUDENTS' HANDS



**MAPLE
WOOD
SHOP**

FOUNDED 2016

**SCHOOL
WOODWORKING
PROGRAMS**

'22-'23

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Classroom
woodworking made
easy, safe, and
portable.

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Lesson plans, tool chest design, and patent-pending tabletop woodworking stations have been developed by Maplewoodshop and are offered to each partner for its own use only. Maplewoodshop retains all current and future copyright, trademark, and intellectual property rights.

THE PASSION THAT DRIVES MAPLEWOODSHOP

Every child deserves to realize their full potential. Yet, for decades, well-intentioned people have believed there was only one path to success—a college degree. This approach has led to a series of unsettling statistics:

- 6th graders are thinking of dropping out of school¹
- Student college debt is \$1.7T²
- Deloitte projects GDP loss of \$2.5T over the next ten years due to a lack of skilled workers³

What can we do about this? We can help students understand there are many ways to succeed in life, that college vs vocational is not an either-or decision given dual enrollment programs at community colleges.

Maplewoodshop's mission is to help ALL students develop life skills through woodworking, and we are evolving that mission to include other trades.

We are proud to have created a safe, portable, and easy-to-implement program that enables students to:

- discover the intelligence in their hands
- develop life skills from learning trades
- gain emotional intelligence
- practice design thinking
- demonstrate collaboration skills



Sincerely,
Mike Schloff
Founder, Maplewoodshop



This year, we are adding additional projects around millwrighting, pile driving, green energy, and more for students to discover the intelligence in their hands as well as exploring high paying careers. We will keep adding other trades and other skills that are high demand, high skill, and offer the potential of high wages.

We are proud to be endorsed by the Eastern Atlantic States Regional Council of Carpenters to facilitate implementation of their Career Connections curriculum. We are also proud to have earned the Teachers Best of STEM award for best summer program.

How can we help your students? Please contact us so we can learn your goals.

**Maplewoodshop's mission:
"build life skills in
all children through
woodworking."**



See the program in action!
<https://www.youtube.com/watch?v=213vchqs1rc&t=1s>

¹Nield, Balfanz, and Herzog. An Early Warning System (2007)

²Federal Reserve Bank of St. Louis. Student Loans Owned and Securitized. Accessed Aug 10, 2022

³Deloitte Consulting. 2018 skills gap in manufacturing. Accessed Sept 26, 2022



THE CURE FOR SHOP REGRET



You already have the teachers that you need. Join these teachers who learned to teach woodworking with Maplewoodshop.

Do you want to engage your students with fun hands-on tactile experiences that reinforce classroom learning?

WITH WOODWORKING, YOU CAN!

Maplewoodshop programs transform your classroom into a woodshop that provides students with a safe immersive experience that creates lifelong learning and impact.

We support you throughout the lifespan of your program. From launch to completion, we want your program to be safe, sustainable, and successful.

Before your program launches:

- We work with you to identify your needs and goals and establish the criteria for success
- We advise on best practices for implementation, including key performance indicators

During the life span of your program:

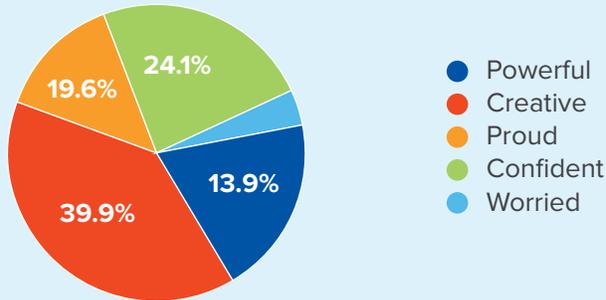
- Access to proven, efficient, and effective professional development to upskill current staff in 3-4 hours plus time spent preparing example projects.
- Actively advise your staff through implementation and ongoing program management.
- Interact with other educators and share tips and tricks via the teacher community.
- Retrain teachers annually and receive updates to program materials and curriculum.

90% of teachers trained by Maplewoodshop have no experience in woodworking.

TRANSFORMATIVE RESULTS

Survey of 160 elementary school students in West Patent School District, NY, March 2021 and survey of Maplewoodshop customers, August 2022

Life skills developed from woodworking



When you are woodworking, how do you feel?



For any administrator, it's a no-brainer. Go for it. Everything's compact, you have everything you need, and then you have the booklet and the videos. Even if [your teachers] don't have any experience with it, it's pretty easy to learn it, do it, and manage it.

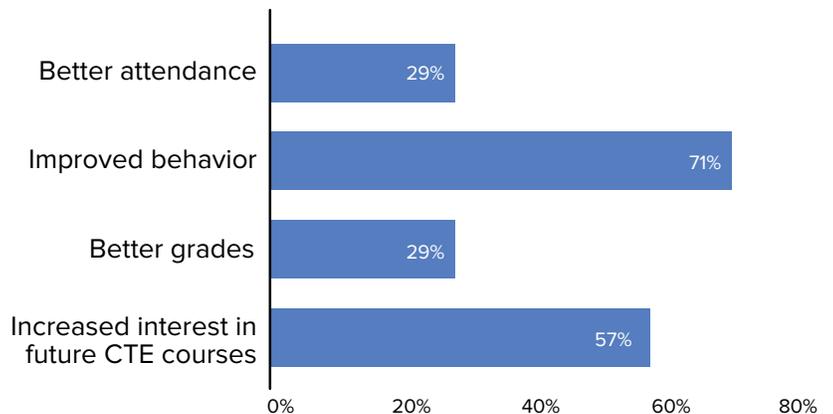
- Melanie Fisher -
Brooklyn Prospect Charter School



Benefits from woodworking

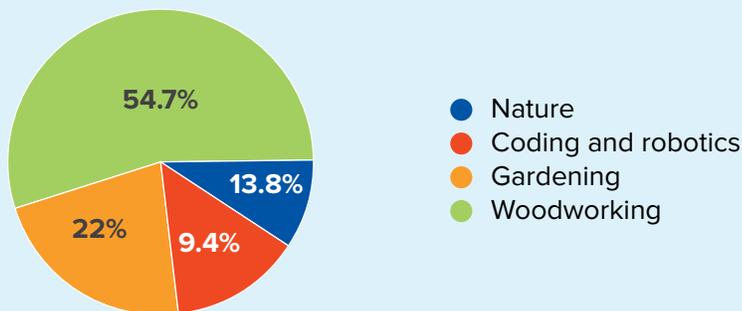
How confident do you feel taking on a similar unit?

- Better attendance
- Improved behavior
- Better grades
- Increased interest in future CTE courses



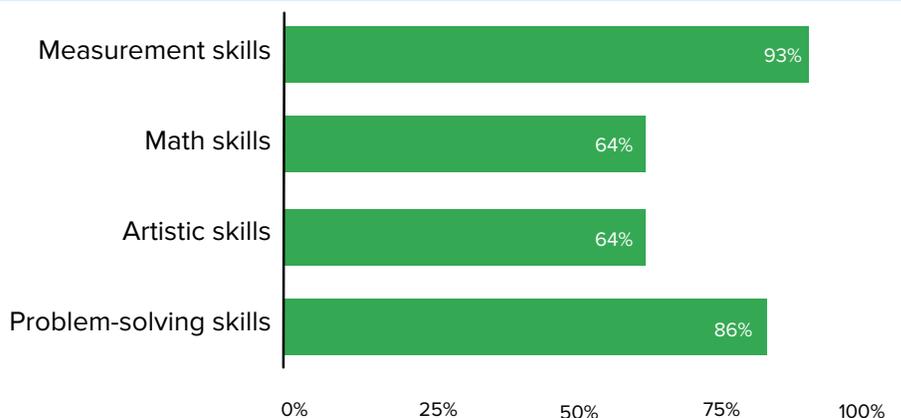
Over 50% of students want to repeat woodworking

What unit would you most like to repeat?



Percentage of students that show signs of improvement

- Measurement skills
- Math skills
- Artistic skills
- Problem-solving skills



FIELD-PROVEN SUCCESS IN OVER 120 ORGANIZATIONS

1 Training that scales across classrooms

Standardized training scales uniformly across classrooms. You have great teachers; we train them to teach woodworking with our 3-step process. We use online professional development to acclimate teachers, and then train live remote for 2-3 hours. Safety and social-emotional learning are at the heart of training.

Included
** Laptop not included.*

See Page 9



2 Multi-age, cross-discipline curricula

With dozens of project-based learning units aligned to national standards, you can involve students from 1st-12th grade. Integrated STEM means you can teach math, science, social studies, SEL, and reading. Special Education and workforce development programs are available.

Included

See Pages 10



3 Comprehensive support:

First-year support included. From basic operational support to sharing advanced techniques, we even help you organize purchasing materials from local suppliers. Join the growing community of teachers and share ideas and best practices.

Included

Annual retraining, support, and access to new lesson plans available.

See Page 11



MAPLEWOODSHOP FOR CAREER AND TECHNICAL EDUCATION

Create pathways to high-skill, high-wage, and high-demand careers starting in 6th grade



“ I am very excited by the fact that we are reaching down to the middle schools to ... create opportunities to engage in work-based learning programs, potential apprenticeships, and life long learning.

Thomas J Sommers Northeast Carpenters Apprenticeship Fund Eastern Atlantic States Carpenters Training Fund ”

Give students as young as 6th graders the tools they need to explore woodworking and prepare them for sustainable careers in the trades.

Maplewoodshop adapts the widely used Career Connection Curricula from the Carpenters Union Eastern Atlantic Sales Training Fund for use with non-powered tools. This offers students a proven program to discover if they would like to pursue a career in the trades.

Maplewoodshop programs are aligned with the United Brotherhood of Carpenters curricula to create opportunities for future apprenticeships.

Program features:

- Teacher training
- Additional tools
- Spanish translations
- Student interest surveys
- Curriculum tapping
- Rubrics
- Certificates of completion



Scan the QR code to read a case study

Coming in 2023! Green infrastructure middle school program: Offshore Wind Farm

MAPLEWOODSHOP FOR STEM

Available in English and Spanish

Deliver project-based, tactile, practical applications of math, reading, and collaboration for your kinetic learners using any classroom

GRADES 2–12



Maplewoodshop has helped my students focus, learn skills, and hone skills. Those are important lessons for future engineers and scientists. Or for anyone, really!

-Tom Nikolaidis-
STEM Teacher
Woodcliff Lake Middle School



You recognize the importance of STEM education in the classroom and want to engage your kinetic learners while giving them the tools to develop 21st-century workforce skills.

With Maplewoodshop's woodworking program, students engage in project-based learning while

also developing skills related to the five disciplines of STEM.

Our integrated STEM curricula empowers educators to teach grade-appropriate math, science, sociology, ELA, and social emotional learning. See page 11 for details.

Program features:

- NGSS aligned
- Teacher training
- Design thinking
- Spanish translations
- Student interest surveys
- Curriculum mapping
- Integrated STEM curriculum

Read the case study



Scan the QR code to read how Woodcliff Lake Middle School uses woodworking for STEM



Makes me feel pretty proud of myself and great because I worked really hard on this and it turned out really well. William, Supervisor of Special Services

MAPLEWOODSHOP FOR SPECIAL EDUCATION

Expand opportunities and exposure to real-life situations

GRADES 2–12 AND POST GRADUATE



Woodworking enhances their interpersonal skills, their social-emotional learning, and just gives them a forum within which they can be doing something hands-on and enjoy the process, and also be proud of their product.

- Wendy McNeill -
Principal
The Banyan School



Give your students practical life skills for independent living and practical employment.

Sequence projects into assembly lines to increase time management, self-management, self-awareness, and communication skills.

Dozens of lesson plans and comprehensive training empower educators to provide a tactile learning experience that helps students explore potential career paths.

Adaptive versions of tool chests and custom packages will be available January 2022.



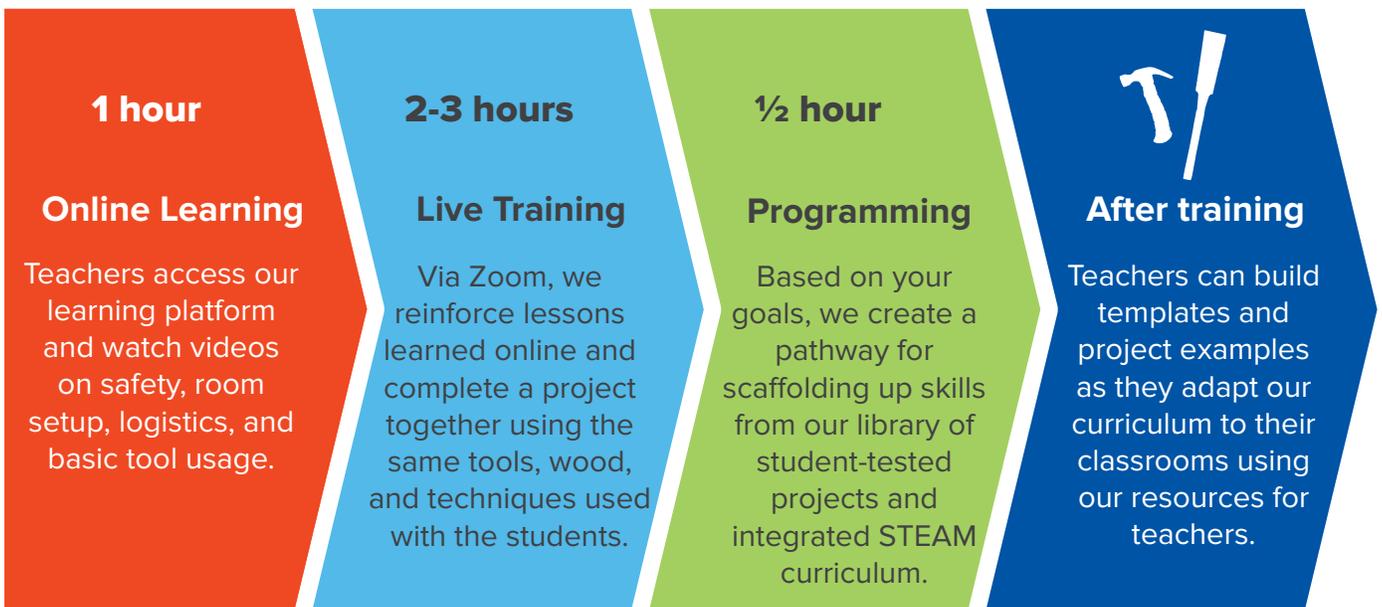
Scan the QR code to read how the Banyan School uses woodworking for neurodiverse learners

EASY FOR TEACHERS TO IMPLEMENT

Train existing staff. A woodworking background is NOT required. We encourage our partners to find a teacher who enjoys new challenges; experience with crafts, arts, applied science experience are a plus.

Time-saving features include:

- Curriculum mapping
- Standards alignment
- Student engagement surveys
- Ready to use wood
- ELA and math integrations
- Ongoing support
- Annual recertification



Consistent training scales across your district



Woodworking really helped with attendance because kids looked forward to woodworking. It was a reward for coming to school.

- Danielle Singleton -
Nita M. Lowey 21st CCLC ACCESS
Coordinator
Passaic Public Schools



90% of teachers trained by Maplewoodshop have no experience in woodworking.



I'm proud of all the projects that I've made. I think it will help me if I need to do house repairs. Aaron, 2nd grader

FLEXIBLE AND EXTENDIBLE CURRICULA

ENGAGE YOUR KINETIC AND VISUAL LEARNERS IN EVERY GRADE

SUGGESTED PROJECT PROGRESSION FROM 1ST TO 12TH GRADES

CURRICULA DELIVERED VIA OUR ONLINE LEARNING PLATFORM

Access project plans and integrate them into various curricula, including STEM, arts, career technical education, and others. Additional projects and curriculum added each year!



Teachers can access our learning management system for training, safety and project videos, downloadable project plans, and all curricula.

INTEGRATED STEM CURRICULA

With five of our most popular tactile woodworking projects turned into Integrated STEM curricula booklets, you can make reading, math, science, SEL, and social studies relevant pre- and post-woodworking.



Curricula can be used for 4th, 6th, and 8th grade levels. Select projects make reading, math, science, SEL, and social studies relevant to kinetic learners.

ELEMENTARY SCHOOL

1st	2nd	3rd	4th	5th
String Art	Tower Blox	Simple Cell-phone Stand	Cutout Car	Cellphone and Tablet Holder
Porcupine	Jigsaw	Geo Board	Napkin Holder	Trophy Rack
Sailboat	Towel Rack	Sanding Block	Keepsake Box	Footstool

MIDDLE SCHOOL

6th	7th	8th
Mask Rack	Shoe Rack	Squirrel Table
Sliding-Top Box	Dog Lamp	Magazine Rack
Candy Dispenser	Wren Bird House	Buddy Bench

HIGH SCHOOL

9th	10th	11th	12th
Key Rack	Tool Tote	Hexagon Speaker	Adirondack Chair
Three-String Guitar	Coat Rack	Frame Saw	Portable Folding Workbench
Kitchen Stool	Bookcase	Saw Horses	Shed with Gable Roof

CONTINUAL SUPPORT

CREATE A SUSTAINABLE PROGRAM FOR YEARS TO COME

Support begins with a scheduled series of check-ins, including tips and best practices sent to your teachers via email. Teachers can also phone, email and even Facetime for support, so they are never alone.



Your language and attitude about missing hard, makers' marks, and making mistakes really resonated with my students. I saw students who really struggle with perfectionism stemming from autism look at slight (or surprisingly obvious) mistakes and say, "I'm just going to call that my maker's mark." Amazing. We refer to you as 'Coach Mike'.

- Daniel McElwain -
Principal
The Bridge Avenue School

Teachers also have access to the Maplewoodshop community via our learning platform, where they can interact and connect with other educators using the program.

Operational support is included in the first year of your contract. For subsequent years, you can subscribe to a full range of services including:

- Support via email training videos, lesson plans, and handouts

- Support via email and via communication with the Maplewoodshop community
- Plane-blade sharpening service
- Measuring the impact of your program with ready-to-use student surveys
- 2 hours of live remote training or consulting for up to 4 instructors
- 10 replacement parts for workstations, including shipping
- Additional lesson plans created each year

Does not include consumables.





BEGINNER PROJECTS

These projects are good introductions to woodworking for all ages and teach valuable tool skills while offering the reward of a finished project. You can access step-by-step videos and PDFs for the following projects:



Sanding Block
 10 minutes



String Art
 30 minutes



Pencil Holder
 30 minutes



Simple Cell Phone Stand
 45 minutes



Porcupine Stand
 45 minutes



Mask Rack (uses brace drill)
 45 minutes



Tower Blox
 90 minutes



Jigsaw
 90 minutes



Geoboard
 90 minutes



INTERMEDIATE PROJECTS

Intermediate projects build on skills developed from creating basic projects and are appropriate for 4th grade and above:



Towel Rack
 100 minutes



Keepsake Box
 120 minutes



Sailboat
 120 minutes



Cutout Car
 150 minutes



Trophy Rack
 150 minutes



Cellphone and Tablet Holder
 150 minutes



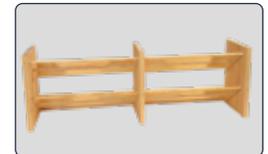
Candy Dispenser
 150 minutes



Footstool
 180 minutes



Napkin Holder
 180 minutes



Shoe Rack
 180 minutes



ADVANCED PROJECTS

Advanced projects require more time, tools and skill. These are appropriate for experienced woodworkers in middle and high school:



Wren Bird House
 240 minutes



Dog Lamp
 240 minutes



Sliding-Top Box
 240 minutes



Hexagon Speaker
 240 minutes



Squirrel Table
 270 minutes

PHOTOS AND ESTIMATED DURATION)



ADVANCED PROJECTS



Three-String Guitar
 360 minutes



Bookcase
 420 minutes



Buddy Bench
 480 minutes



Kitchen Stool
 540 minutes



Wave Hill Chair
 600 minutes



CITF PROJECTS

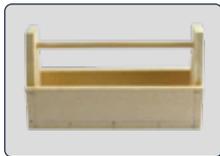
The Maplewoodshop program is a highly scalable training program for middle and high school students that offers early exposure to life skills and career options including a path towards apprenticeships with the Carpenters Union and Career Connections.

Designed for students, community-based programs, and pre-apprenticeship programs, Career Connections allows students to get a jump start into a career with the construction trades. Maplewoodshop lays the foundation by training, equipping, and supporting schools and camps nationwide, as early as 4th grade.

NOTE: This project is based on the Career Connections curriculum© Carpenters International Training Fund. Use of this project plan is only permitted with a current articulation agreement with a local Carpenters Union training center.



Carpentry 1: CITF Bird House, CITF Tool Box, CITF Step Stool, CITF Bookcase
Carpentry 2: CITF Folding Portable Workbench, CITF Storage Chest, CITF Notched Top Sawhorse, CITF Magazine Rack



CITF Tote Box
 120 minutes



CITF Birdhouse
 200 minutes



CITF Step Stool
 300 minutes



CITF Tool Box
 300 minutes



**Coming
Dec 2022**



CITF Bookcase
 360 minutes

Project-material bundles available for quarter, semester, and year-long CTE, STEM and Special Education goals.



COLLABORATIVE WORKBENCHES

Portable equipment for any room



Maplewoodshop provides custom-made, patent-pending, tabletop woodworking stations in accordance with your order size. These stations allow for sawing, drilling, hammering, planing, and more while preserving your tables.

“Workbenches telescope from 30” to 48” to fit a variety of rectangular tables. Students work in pairs of two to encourage community as students face each other.

SECURE, PORTABLE, AND FULLY EQUIPPED TOOL CHEST



Maplewoodshop provides a sturdy, custom-built, lockable, and portable tool chest which hold the workstations, tools, and safety equipment.

Capacity: Each tool chest can contain tools and workbenches for up to 16 students working at the same time. For smaller classes, fewer sets of workbenches and tools can be chosen. For larger classes, multiple tool chests can be added.

Dimensions: 31” deep x 36” wide x 52” tall when closed for a 16-workstation chest. Tool chests weigh 510 pounds fully loaded, but can be rolled indoors by one person.

STUDENTS LOVE MAPLEWOODSHOP



COMING 2023

- Offshore wind farm
- STEM packs
- CTE packs
- Special education packs
- Common core packs



I thought it was going to be boring and then when I walked in there and we started making it, it was really fun. Rhia, 5th grader

MAP OF 120 PARTNER SITES: SCHOOLS AND CAMPS



Building on our mission, our vision is to help 300,000 students explore trades in middle school through tactile, project-based learning. We are adding additional projects around millwrighting, pile driving, green energy, and more for students to discover the intelligence in their hands as well as exploring high paying careers. We will keep adding other trades and other skills that are high demand, high skill and offer the potential of high wages.

Since its start, Maplewoodshop has grown and is currently in over 120 schools and camps nationwide. The team continues to innovate, develop new lesson plans, and create more opportunities for children to discover the intelligence in their hands.

**Let's get your woodworking program up and running!
Schedule your demo with Maplewoodshop.**



Scan the QR code or
Vist <https://start.maplewoodshop.com/gtbc>

ORDERING INFORMATION

QUESTIONS? WE ARE HERE FOR YOU.



Phone: Give us a call at 1-844-WOODSHP between 9 AM and 5 PM (EST) Monday through Friday and speak to one of our representatives



Email: Email us at info@maplewoodshop.com



Website: Visit maplewoodshop.com and fill out a contact form

Services and curricula pricing valid until June 30, 2023. Materials pricing valid for 30 days.



SHIPPING

We ship nationwide. All materials ship on pallets outside of the New York Tri-State area. In Tri-state, weekly shipping via local courier services.



SALES TAX

Please provide proof of tax-exempt status to avoid sales tax
Federal Tax ID #46-5729236
NYC Vendor #LMN729236

AS SEEN ON



“

The Maplewoodshop program has provided a hands-on learning experience that draws in ALL students, which has made a significant impact on our ESY summer programs. Students attend woodworking two periods per week, and on many days was the reason they came to school. We have experienced higher student attendance than in previous summers, and have seen more focus in the academic periods. The program has truly met a need that had not been met before. Several parents informed us that their children didn't want to go on vacation if it meant they were going to miss woodworking. The instructors reported the lesson plans, safety, and tools to be of exceptional quality, and incredibly user-friendly. They can't wait to offer the program to more students during the school year. Mike Schloff and Laretta Dag-Sosu were extremely helpful getting the program up and running.

Sandra L. Cullis, Ed.D.
Assistant Superintendent
Curricula & Instruction
Denville Township Schools

”



**MAPLE
WOOD
SHOP**

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63 GLENWOOD PLACE | EAST ORANGE, NJ 07017 | 1-844-WOODSHOP
INFO@MAPLEWOODSHOP.COM | MAPLEWOODSHOP.COM