



GREAT NECK PUBLIC SCHOOLS

"Where Discovery Leads to Greatness"

#DiscoverGreatness

Phipps Administration Building
Office of Instruction
345 Lakeville Road
Great Neck, New York 11020

516.441.4009
516.441.4010
Fax 516.441.4992

Curriculum Profile: Woodworking (MS)

<u>Department</u>	Technology	
<u>Course Name</u>	Wood working	
<u>Course Length</u>	Twenty weeks - every other day	
<u>High School Credits</u>	N/A	
<u>Description</u>	The woodworking elective promotes an understanding and appreciation for our Earth's largest renewable building resource. Students learn woodworking skills and use applied math concepts while creating exciting projects. Basic hand tool use, safe machine tool use, and engineering skills will be taught.	
<u>Target/eligible students</u>	Students in grade 8	
<u>State Learning Standards Link(s)</u>	http://www.nysed.gov/career-technical-education/technology-education-learning-standards	
<u>Primary texts and materials</u>	Various species of wood, tools, hand tools, screws, glue, nails, various construction materials	
<u>Scope/Sequence</u>		
<u>Introduction to wood</u>	Students will learn about wood, wood characteristics, and applications of the material	
<u>Safety</u>	New York State MST standards - standard 5 - 2 Tools , resources and technological processes	Prior to working in the technology lab, students must go through a comprehensive safety unit. Safety rules are distributed, signed by legal guardians of the student, a safety video is viewed, and a safety test is taken.
<u>Measurement</u>	New York State MST standards - standard 5 - 1 engineering design	A critical skill for all woodworkers is measuring. Basic measuring will be reviewed. Students must pass a 'tape measure' measuring test.
<u>Cutting board</u>	New York State MST standards - standard 5 - 2 Tools , resources and technological processes	Students will use various types of wood to fabricate a cutting board, for at home kitchen use. Various tools will be utilized. These include : saws, hand saws, clamps, sanders, surfacer, band saw, etc.
<u>Bagel cutter</u>	New York State MST standards - standard 5 - 2 Tools , resources and technological processes	Students will use what they learned on the cutting board to fabricate a more complex bagel cutter. The same tools and equipment will be utilized, however there are more intricate shapes and angles that problem solving will be needed to construct the project.
<u>Additional Notes</u>		