



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: Individual Projects

<u>Department</u>	Technology Education	
<u>Course Name</u>	Individual Projects	
<u>Course Length</u>	½ year	
<u>High School Credits</u>	.5 unit of credit	
<u>Description</u>	This is a "how to" and "hands on" course designed to fit the needs of the individual. It provides a wonderful opportunity to design and construct projects of your choice. It will help you to understand and use tools and equipment used in woodworking and plastics. This course is open to all students, but is designed for the non-technology major who is interested in learning new skills. It may be repeated for additional credit.	
<u>Target/eligible students</u>	9,10	
<u>State Learning Standards Link(s)</u>	https://www.nysed.gov/career-technical-education/technology-education-learning-standards	
<u>Primary texts and materials</u>	Woodworking Techniques and Projects -Rosario Capotosto Woodworking With The Router -Bill Hylton and Fred Matlack Creating Beautiful Boxes with Inlay Techniques -Doug Stowe	
<u>Scope/Sequence</u>		
<u>Week 1</u>	Introduction to class and procedures	
<u>Week 2</u>	Administrative tasks	
<u>Week 3</u>	Safety procedures-general shop protocol Safety Video	
<u>Week 4</u>	Instruction on safe hand tool usage	
<u>Week 5</u>	Instruction on safe machine usage	
<u>Week 6</u>	Safety test	
<u>Week 7</u>	Introduction to woodworking throughout history	
<u>Week 8</u>	Design techniques small projects	
<u>Week 9</u>	Sketching and development of working plans Begin designing of projects	
<u>Week 10</u>	Materials and material selection process Continue designing of projects	
<u>Week 11</u>	Fabrication techniques and construction Begin construction of projects	
<u>Week 12</u>	Joinery techniques Continue construction of projects	
<u>Week 13</u>	Gluing procedures Continue construction of projects	
<u>Week 14</u>	Assembly techniques Continue construction of projects	
<u>Week 15</u>	Sanding processes Continue construction of projects	
<u>Week 16</u>	Finishing procedures Continue construction of projects	

<u>Week 17</u>	Presentation techniques Continue construction of projects
<u>Week 18</u>	Marketing and sales of woodworking projects
<u>Week 19</u>	Lab and machine maintenance- shop clean up
<u>Additional Notes</u>	