

MYP Cabinet Making & Millwork

9th - 12th Grade

- A1 9-10.RST.4 - Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 9-10 texts and topics.
- A2 Demonstrate accurate measuring with standard construction tools.
- A3 Pass state mandated safety tests for all power equipment with 100% accuracy.
- A4 Identify hand tools and demonstrate proper and safe use of hand tools.
- A5 Identify and model proper shop Personal Protective Equipment (PPE) safety skills and practices.
- B6 Calculate board footage and cost of materials using standard formulas.
- B7 Read and interpret blueprints and technical drawings.
- B8 Apply cabinetmaking related math to geometric shapes.
- B9 Demonstrate use of layout procedures while minimizing waste.
- C10 9-10.RST.7 - Translate quantitative or technical information expressed in words in a text into visual form (e.g., a table or chart) and translate information expressed visually or mathematically (e.g., in an equation) into words.
- C11 Identify and demonstrate proper use of sanding/finishing techniques.
- C12 Identify and demonstrate correct use of Cabinetmaking joinery.
- C13 Identify and demonstrate correct use of Cabinetmaking hardware and fasteners.
- C14 Safely set-up and operate portable and stationary power equipment.
- C15 Identify, understand, and apply employability skills and workplace readiness skills as required by employers.
- D16 9-10.WHST.6 - Use technology, including the Internet, to produce, publish, and update individual or shared writing products, taking advantage of technology's capacity to link to other information and to display information flexibly and dynamically.
- D17 9-10.WHST.8 - Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the usefulness of each source in answering the research question; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and following a standard format for citation.
- D18 Model proper clean up practices by keeping area clean and free of hazards.