Outline Grade 8

BIG IDEAS

Social, ethical, and sustainability considerations impact design.	Complex tasks require the sequencing of skills.	Complex tasks require different technologies and tools at different stages.

This is a short introductory course to woodworking and design. Students will design a small project on the computer and then build it in the wood shop. There will also be other skill building woodworking projects.

Topics covered

Computer topics
- Computer assisted drafting
- 3d rendering
- Demonstration of 3d printing

Woodwork topics
- Lay out of design
- Safe Band saw operation
- Safe Scroll saw operation
- Safe Drill press operation
- Wood finishing
- Safe hand tool use