

Dear Woodworking Students, Parents and Guardians,

Here is the list of tools necessary to complete woodworking projects for the upcoming school year, either at home or in school as per grade. For the most part, TDDL projects will have the materials supplied and ready for pick-up at school, but not the tools. There is a list of resources available at the end of this correspondence. If you have any questions or concerns, please feel free to contact me. I am happy to work to fill the needs of each student.

Class tool lists:

5th grade project: wooden throwing top and/or 3-D animal sculpture

1. Medium to large half-round wood rasp (Note: a 4-way wood rasp file combo will work) (+-\$10)
2. Medium to large half-round large metal file (Note: a 4-way wood rasp file combo will work) (+-\$10)
3. 12" straight ruler
4. Pencils with erasers
5. 6 " Swanson speed square, Framing/builders triangle/protractor plastic or metal (+-\$10)
6. Work table or sawhorse type workstation (+-\$10)
7. Two or more clamps (with a 6" or more mouth opening/clamping ability). Note: Irwin-style quick clamps work well and come in sets. Bar clamps and "G" clamps with long throats and large openings work well too and also come in sets. (+-\$5 ea.)
8. If possible. a portable woodworking bench vise (clamps to a table top) or comparable, it will need to open approximately 5" and be able to be secured to a table or other flat surface. (+-\$50)
9. 2" metal scraper/putty knife or a sacrificial butter knife (+-\$5)
10. Safety glasses (+-\$5)

6th grade project: tools/utensils/mallet projects (Items 1-10 are from 5th grade list)

1. Medium to large half-round wood rasp (Note: a 4-way wood rasp file combo will work) (+-\$10)
2. Medium to large half-round large metal file (Note: a 4-way wood rasp file combo will work) (+-\$10)
3. 12" straight ruler
4. Pencils with erasers
5. 6 " Swanson speed square, Framing/builders triangle/protractor plastic or metal (+-\$10)
6. Work table or sawhorse type workstation (+-\$10)
7. Two or more clamps (with a 6" or more mouth opening/clamping ability). Note: Irwin-style quick clamps work well and come in sets. Bar clamps with long throats work well too and come in sets. (+-\$5 ea.)
8. A portable woodworking bench vise (clamps to a table top) or comparable, it will need to open approximately 5" and be able to be secured to a table or other flat surface. (+-\$50)
9. 2" metal scraper/putty knife or a sacrificial butter knife (+-\$5)
10. Safety glasses (+-\$5)
11. A small +- 6" block plane or hand plane (eBay is the best place to find good used old hand planes and tools cheap)(+-\$25)
12. A ball-peen hammer or traditional hammer (+-\$12)
13. May need a Phillips screwdriver (+-\$5) or a flat screwdriver(+-\$5) for the hand plane

7th grade: 3-D stone animal or complex multiple-sided geometric forms

1. Medium to large half-round wood rasp (Note: a 4-way wood rasp file combo will work) (+-\$10)
2. Medium to large half-round large metal file (Note: a 4-way wood rasp file combo will work) (+-\$10)

3. 12" straight ruler
4. Pencils with erasers
5. 6 " Swanson speed square, Framing/builders triangle/protractor plastic or metal (+-\$10)
6. Work table or sawhorse type workstation (+-\$10)
7. Two or more clamps (with a 6" or more mouth opening/clamping ability). Note: Irwin-style quick clamps work well and come in sets. Bar clamps with long throats work well too and come in sets. (+-\$5 ea.)
8. 2" metal scraper/putty knife or a sacrificial butter knife (+-\$5)
9. Safety glasses (+-\$5)
10. 1 set of small metal or stone files (aka: hobby files, riffler files) (+-\$10/set)
11. 1/4" Cold chisel (+-\$5)
12. A small 6" pail or small bag of sand (Note: if the bag of sand comes in a sturdy leak-proof sack, leave the sand in the bag and wrap it in a towel and skip item 13) (+-\$5)
13. An old zippered pouch or handbag, an old leather or heavy canvas purse with a liner and a zipper that closes the bag. The sand will go into this bag, so enough sand to fill it will be needed.
14. A large, old, heavy bath towel
15. A ball-peen hammer or traditional hammer (+-\$12)

8th grade project: 3-legged stool

1. Medium to large half-round wood rasp (Note: a 4-way wood rasp file combo will work) (+-\$10)
2. Medium to large half-round large metal file (Note: a 4-way wood rasp file combo will work) (+-\$10)
3. 12" straight ruler
4. Pencils with erasers
5. 6 " Swanson speed square, Framing/builders triangle/protractor plastic or metal (+-\$10)
6. Work table or sawhorse type workstation (+-\$10)
7. Two or more clamps (with a 6" or more mouth opening/clamping ability). Note: Irwin-style quick clamps work well and come in sets. Bar clamps and "G" clamps with long throats and wide openings work well too and come in sets. (+-\$5 ea.)
8. A portable woodworking bench vise (clamps to a table top) or comparable, it will need to open approximately 5" and be able to be secured to a table or other flat surface. (+-\$50)
9. 2" metal scraper/putty knife or a sacrificial butter knife (+-\$5)
10. Safety glasses (+-\$5)
11. A small +- 6" block plane or hand plane (eBay is the best place to find good used old hand planes cheap)(+-\$25)
12. A ball-peen hammer or traditional hammer (+-\$12)
13. May need a Phillips screwdriver (+-\$5) or a flat screwdriver(+-\$5) for the hand plane
14. A No. 1, 2, 3, 4, or 4 1/2 bench or smoothing hand plane (the number 4 is the most often used) (+-\$25)
15. A hand-drill brace (Look for drill braces on eBay or on a used tool marketplace for the best finds) (+-\$10)
16. 1" boring bit for drill brace, sometimes cheaper as a set on eBay, or on a used-tool marketplace. If allowed by the parents or guardians, an electric drill with a 1" paddle bit will work too.
17. A hand saw, pull or push style (In the shop, we use pull, or Japanese style.) (+-\$25)

9th grade: dovetail box project

1. A coping saw frame/handle (+-\$15)
2. Extra coping saw blades (+-\$10)
3. Medium to large half-round large metal file (+-\$10)
4. A small +- 6" block plane or hand plane (eBay is the best place to find good used old hand planes cheap)(+-\$25)
5. 1/4" and 1/2" flat bevel-sided chisels (purchasing a 3 chisel set can be most cost effective)

6. Two or more clamps (with a 6" or more mouth opening/clamping ability). Note: Irwin-style quick clamps work well and come in sets. Bar clamps with long throats work well too and come in sets. (+-\$5 ea.)
7. A portable woodworking bench vise (clamps to a table top) or comparable, it will need to open approximately 5" and be able to be secured to a table or other flat surface. (+-\$50)

May want to use the following:

8. A drill or brace (+-\$25)
9. A small 1/8" drill bit (+-\$10)

10th grade project: mortise and tenon frame

1. Medium to large half-round wood rasp (Note: a 4-way wood rasp file combo will work) (+-\$10)
2. Medium to large half-round large metal file (Note: a 4-way wood rasp file combo will work) (+-\$10)
3. A coping saw frame/handle (+-\$15)
4. Extra coping saw blades (+-\$10)
5. A small +- 6" block plane or hand plane (eBay is the best place to find good used old hand planes cheap)(+-\$25)
6. 1/4" and 1/2" flat bevel-sided chisels (purchasing a 3 chisel set can be most cost effective)
7. Two or more clamps (with a 6" or more mouth opening/clamping ability). Note: Irwin-style quick clamps work well and come in sets. Bar clamps with long throats work well too and come in sets. (+-\$5 ea.)
8. A portable woodworking bench vise (clamps to a table top) or comparable, it will need to open approximately 5" and be able to be secured to a table or other flat surface. (+-\$50)
9. A Drill or hand drill or brace (+-\$25)
10. A small drill bit set (+-\$25)
11. A hand saw, pull or push style (In the shop, we use pull, or Japanese style.) (+-\$25)

The school is unable to lend out these tools, if you need assistance acquiring an item please feel free to contact me through my school email: somersm@waldorfgarden.org

Here are some suggestions for where to find the items listed:

Old tools around the house

A relative

Garage sales

Facebook Marketplace

Letgo

eBay

Harbor Freight Tools

Building/hardware stores, such as Lowes, Ace, etc.

Amazon

Woodworker's Supply

Northern Tools

Grizzly tools

Heartwood

Rockler

Woodcraft

Highland Woodworking
Peachtree Woodworking Supply
Woodpeck Tools
Klingspor's Woodworking

Tools-r-us
Acme Tools
Lee Valley Tools
Garrett Wade
Lie-Nielsen Hand Tools