Woodworking Tools

Additional definitions are available in the Kentucky 4H Wood Science Plans Notebook
Chisel

A manual hand tool used for cutting joinery.
Awl

Sets a small hole used for starting a drill bit.
Drill Handle

A manual tool used for drilling holes for screws and nails.
Brace and Bit

A manual tool used for drilling large holes for big screws and bolts.
Compass/Dividers

A manual tool used for layout work, such as, marking holes for location and size.
Hammer

A manual tool used for driving nails and removing nails.
Pliers

A multipurpose tool uses for turning, twisting, and loosening.
Plane

A manual tool used to smooth the surface of a piece of wood.
File

A manual tool used for shaping wood and sharpening the edges of some tools.
Screw Driver

A manual tool used for turning or tightening screws and removing screws.
Square

A manual tool used for marking and inspecting perpendicular cuts.
A manual tool used for cutting objects into pieces.
Tape Measure

A tool used for measuring objects and marking position of cuts.
Electric Sander

A hand held electric tool used for smoothing and flattening surfaces for finishing
Electric Hand Drill

A hand held tool used for drilling holes for inserting screws and bolts.
Saber Saw

An electric hand held tool used for cutting irregular shapes.
Jig Saw (table type)

A machine used for cutting very detailed irregular shapes.
Belt Sander

An electric hand held tool used for smoothing and flattening surfaces (edges).
Electric Hand Planer

A hand held tool used for smoothing or removing wood from the edge of a door.
Router

A hand held electric tool used for profiling the edge of a piece of wood.
Circular Saw

A hand held electric tool used for cutting wood into two pieces.
Reciprocating Saw

An electric hand held tool used for cutting awkwardly positioned objects.
Band Saw

A machine used for cutting circles and irregular shapes.
Drill Press

A machine used for drilling precise holes.
Jointer

A powerful machine used to smooth and flatten a surface on a piece of wood.
Wood Lathe

A machine used to shape a cylindrical piece of wood.
Radial Arm Saw

A machine used to precisely cut wood.
Belt & Disc Sander

A machine used to smooth the ends and surfaces of wood.
Table Saw

A machine used to precisely cut wood.
Bench Grinder

A machine used to sharpen metal woodworking tools.
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