

# 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.



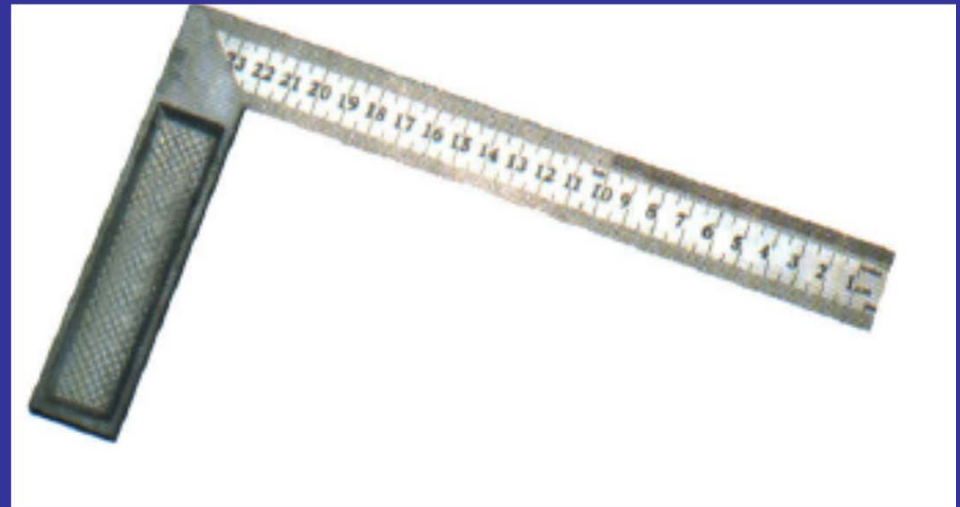
# Screw Driver

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



# Square

A manual tool used for marking and inspecting perpendicular cuts.



# Hand Saw

A manual tool used for cutting objects into to piece.



# 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.



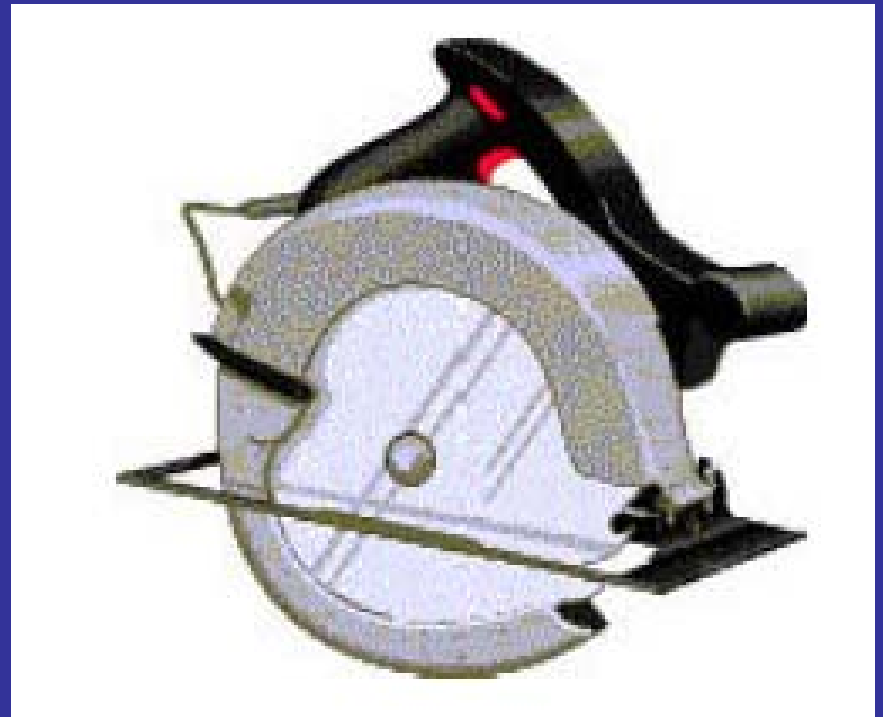
# Router

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.





# Bench Grinder

A machine used to sharpen metal woodworking tools.



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