

# Screws

Screws are a simple machine that is a combination of other simple machines. Match each word in the word box to its description.

inclined plane  
wheel and axle  
wedge  
drill

threads  
handle  
force  
jackscrew

turned  
axle  
distance

- 1 \_\_\_\_\_ This is a variation of a screw that is designed to make holes in wood or other materials.
- 2 \_\_\_\_\_ A screw is one of these wrapped around a cylinder.
- 3 \_\_\_\_\_ With the use of a screwdriver, this is done to the screw as it enters the wood or other material.
- 4 \_\_\_\_\_ When you are moving the screw with a screwdriver, you are really moving it with this simple machine.
- 5 \_\_\_\_\_ Without the threads, a screw is basically a nail, which is an example of this.
- 6 \_\_\_\_\_ When driving a nail, it takes a lot of this to push apart the wood as the nail enters it.
- 7 \_\_\_\_\_ On a screw, the inclined plane forms these ridges in a spiral along the cylinder.
- 8 \_\_\_\_\_ When turning a screw, it takes less force but you use more of this as the screw enters the wood.
- 9 \_\_\_\_\_ This tool is a variation of a screw that allows a platform to raise and lower extremely heavy objects.
- 10 \_\_\_\_\_ This part of the screwdriver acts as a wheel to do the work.
- 11 \_\_\_\_\_ The shaft of the screwdriver and the screw itself act as one of these to do the work.