

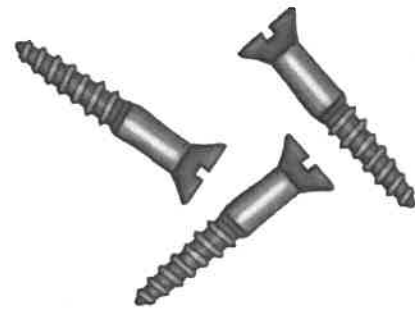
SIMPLE MACHINES

A screwdriver, hammer, or shovel, we depend on tools to get work done. Hammers help us build. Saws and scissors help us cut. A shovels help us dig. Tools and machines make the work easier for us to do.

When you hear the word "machine" you may think of a car, bulldozer, or washing machine, but there are other simple machines. Simple machines have few or no moving parts. A machine is a tool used to make work easier for us. Simple machines help you open and close objects, move things, and can even help you lift and carry things. Simple machines are an important part of our everyday lives.

There are six simple machines we will learn about:

1. Levers
2. Pulleys
3. Inclined Planes
4. The Screw
5. Wheel and Axle
6. The Wedge



Simple machines make "work" easier in many ways. Work is using force to move an object from one place to another. One way is by changing the direction of force. Force is a push or a pull. Every time you use force, the force has a direction. When your force moves an object, you have done "work", even if the object only moved one tiny centimeter. If the object moves, work has been done.

Simple machines help us get work done easier, quicker, and more safely. Most machines are compound machines that have two or more simple machines working together. Let's take a closer look at six simple machines you've probably used and didn't even know it.

Explain how tools and machines help us everyday?
