

Marvelously Simple Worksheet

Machines are marvelous for helping with work. They increase or decrease a force, or they change the amount of force needed to do work. That way, they help do work that is tougher than you could do without them! (By the way, the amount that a machine increases a force is called **mechanical advantage**.) And amazingly, all machines are made from one or more of the six simple machines.

Dr. Sparks knows the value of machines. His lab is full of them! See how many you can find. Color them this way:

- lever—red
- inclined plane—blue
- screw—yellow
- pulley—green
- wedge—orange
- wheel & axle—purple

