



Lever

A lever is a flat surface that sits on a fulcrum. The ends of the lever move up and down while the center sits on the fulcrum.

The lever reduces the amount of force needed to lift heavy objects. By sticking one end of a lever under a heavy object and pressing down on the other end of the lever you are moving one end through a greater distance and reducing the force needed to lift the object. The lever is like a superpower: it gives you the ability to lift much more than you could on your own.

A seesaw is a lever. The support in the middle is the fulcrum. If you have ever played on a seesaw, you have used this simple machine!