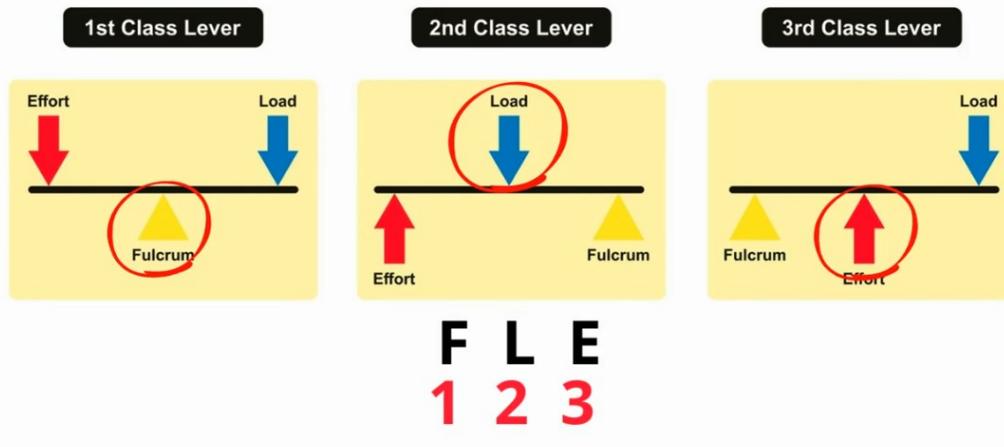


# Classes of Lever



Levers have 3 parts: they have a fulcrum, an effort, and a load (resistance)

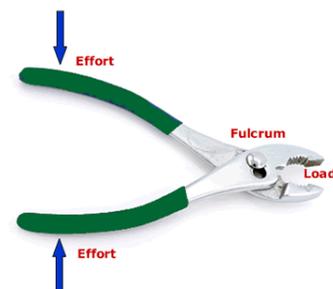
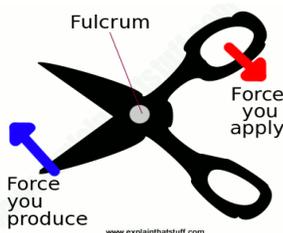
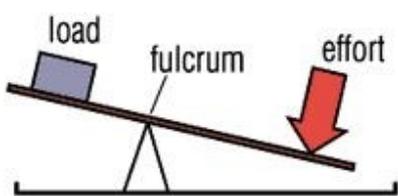
1. The fulcrum is the point that doesn't move from its spot, it only rotates. Sometimes this is the balancing point.
2. The load is the weight we are trying to lift or it is the area where we are trying to accomplish something.
3. The effort is the point where force is added. Usually it's where someone will push or pull on the lever.

## MECHANICAL ADVANTAGE

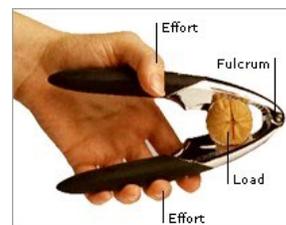
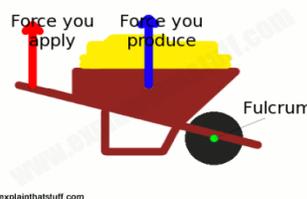
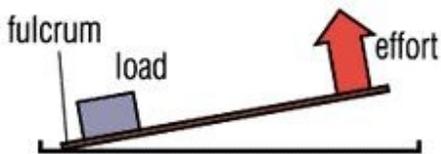
distance from fulcrum to effort / distance from fulcrum to resistance

You can move/lift something heavier than your effort.

1st  
class



2nd  
class



3rd  
class

