

# Simple Machines

## Levers

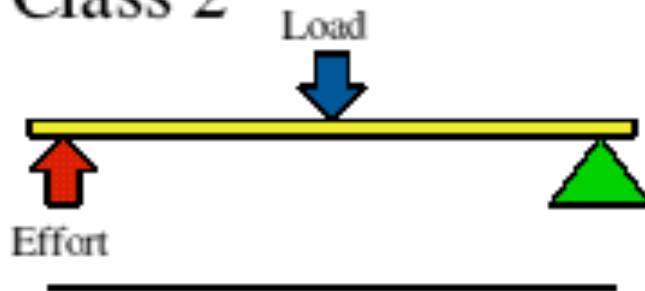


# Three Classes of Levers

Class 1



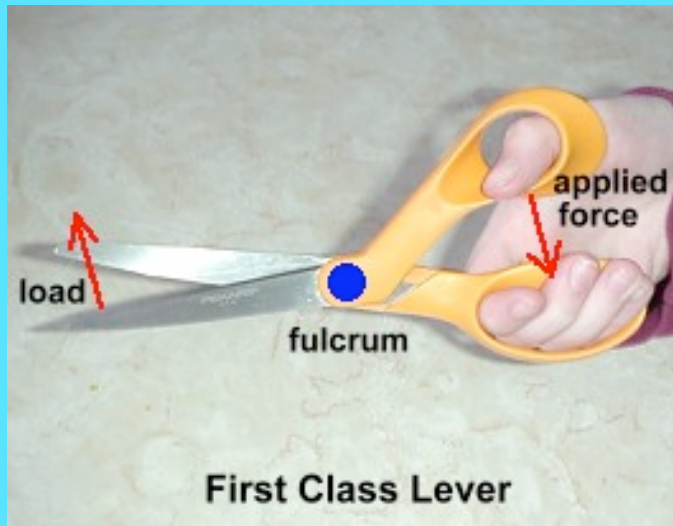
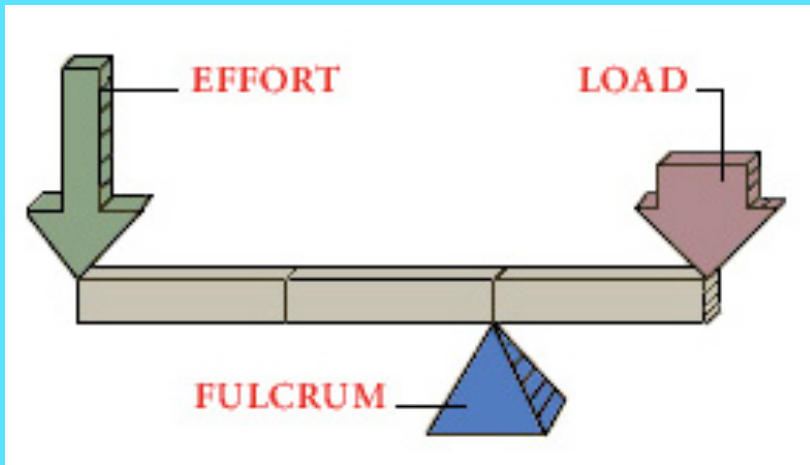
Class 2



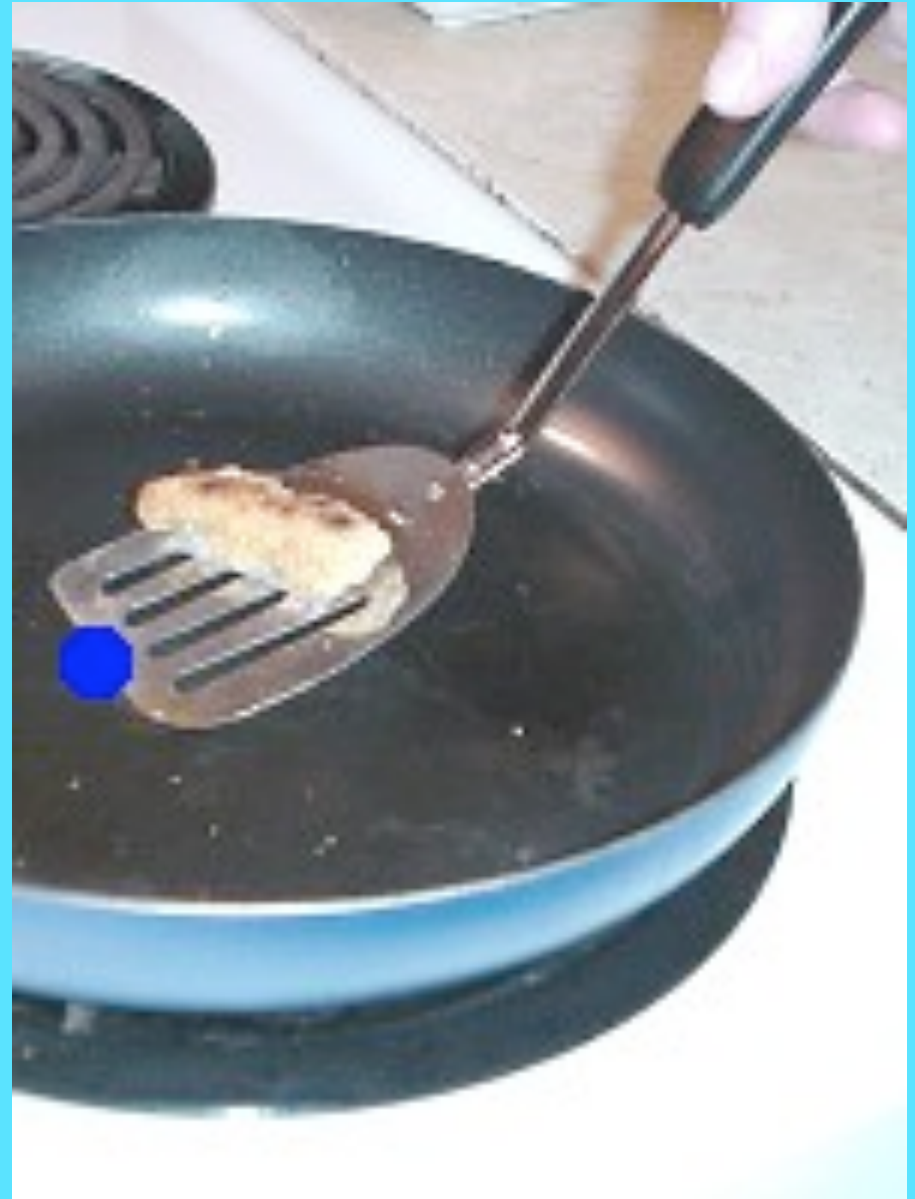
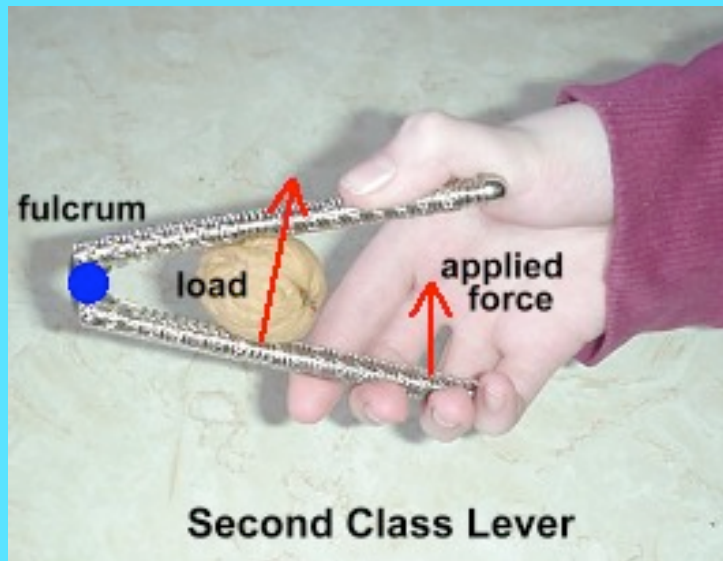
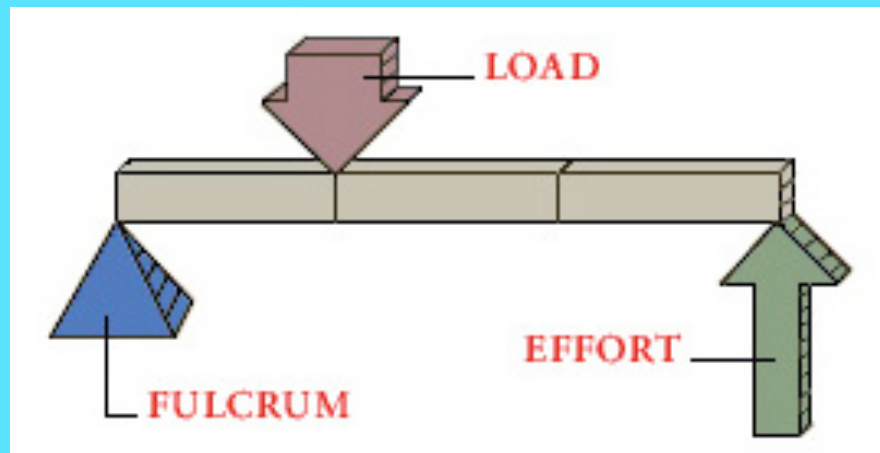
Class 3



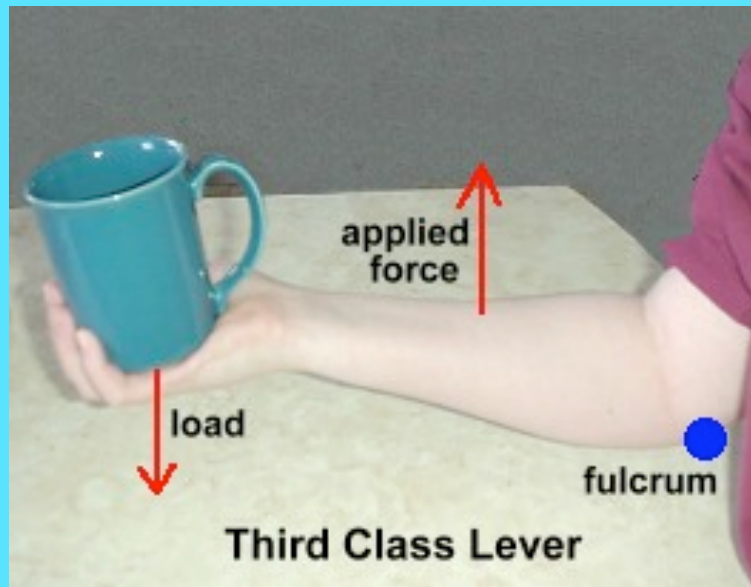
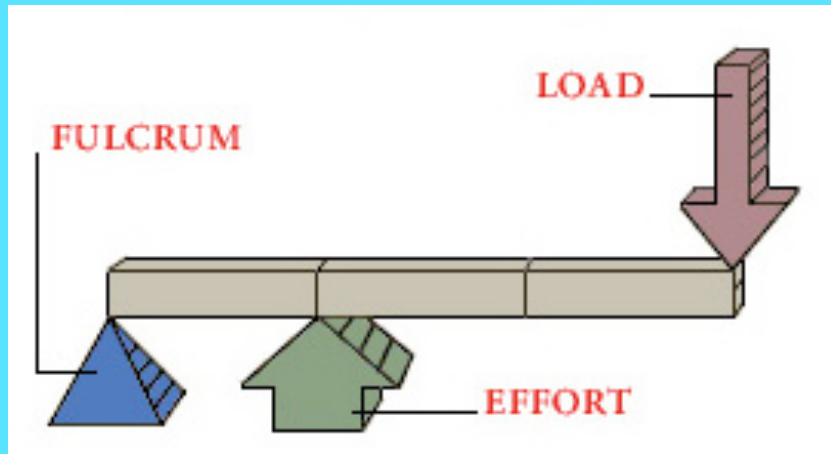
# First Class Levers



# Second Class Levers

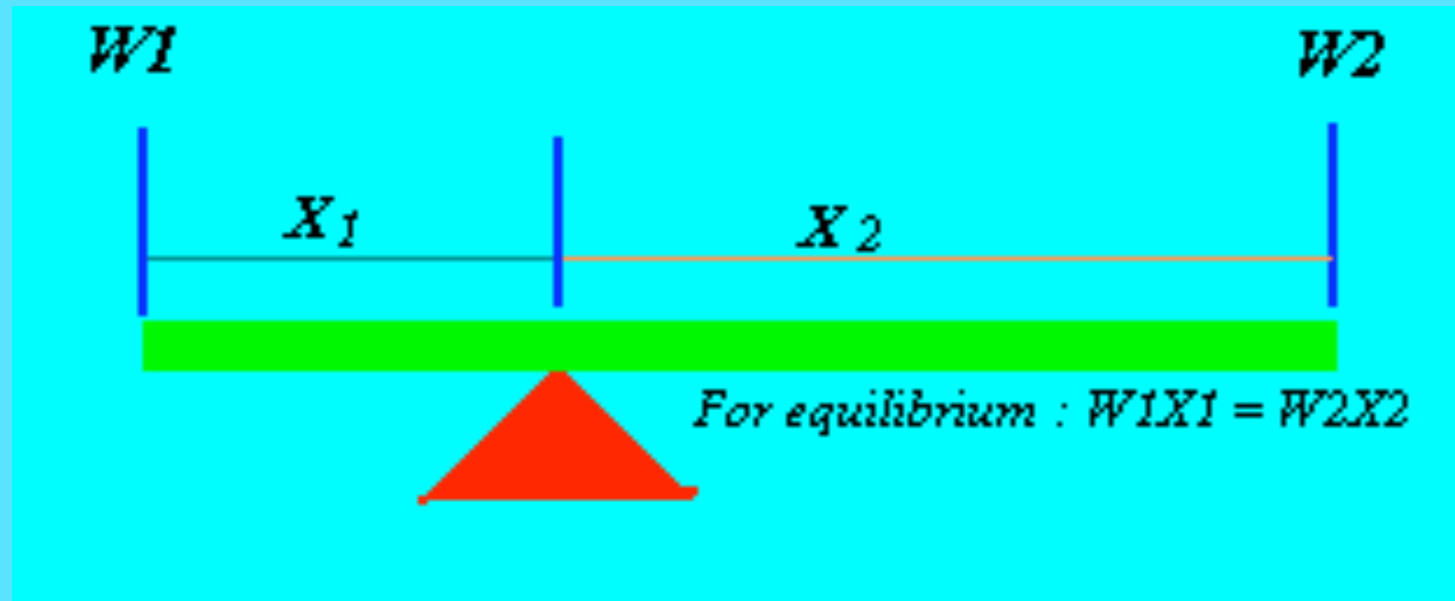


# Third Class Levers





# The Lever Rule



- Work = Force x Distance
- Although Weight and Force are not the same thing, we can use them as the same here because gravity is acting equally on both sides.
- Distance is measured from the fulcrum outward.

# Activity: Explore First Class Levers

