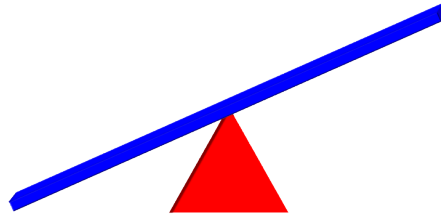


Machines Help Move Parts

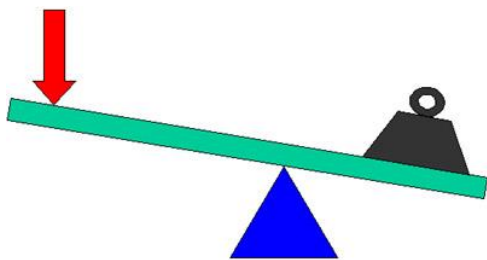
Assemble the lever as shown ----→



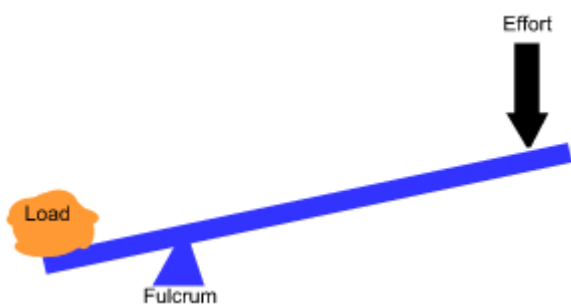
Use the different objects with different mass to place on one end of the lever.



Can you make the lever balance with two objects of the same mass?



What do you notice about how hard you need to push down when the object is heavier?

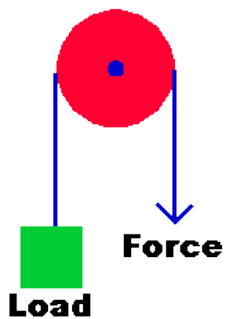


What do you notice when you move the balance point of fulcrum closer to the object being lifted?

What are some real life examples of a lever? Sketch an example.

Sketch the pulley system that you will use.

What will a pulley help you do with the object on one end?



What do you notice about your effort or need to pull on the rope when an object is heavier?

