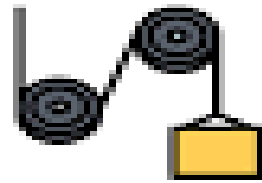


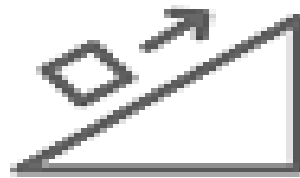


# Chapter 5



Pulley

Incline  
Plane

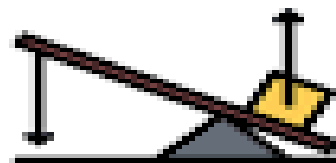


Screw

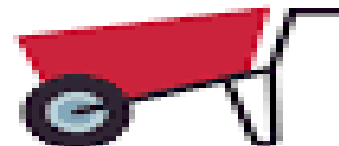
## Simple Machines



Wedge



Lever



Wheel  
& Axle



Sessions 31 and  
32

These are **simple machines**.  
They help us do work with less force or easier.

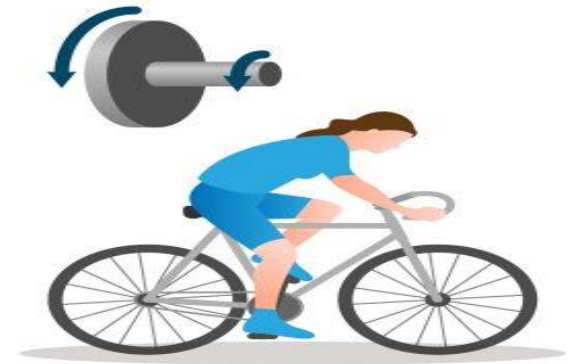
## **SIMPLE MACHINES**



**Pulley**



**Lever**



**Wheel and Axle**



**Wedge**



**Inclined Plane**

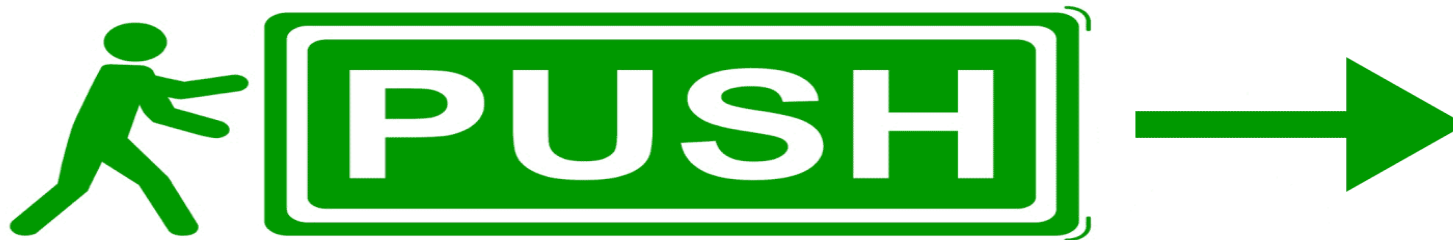


**Screw**

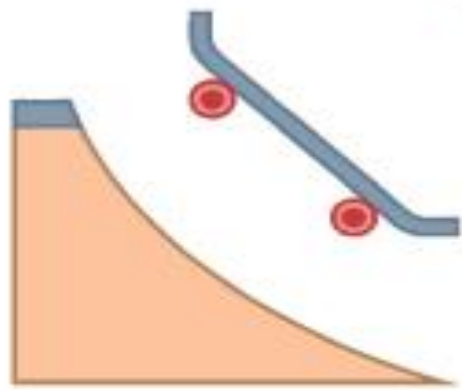
What is **force**?  
Can you show it?

Force makes things **move**.

2 important forces are **push** and **pull**.



# Inclined Plane Examples



Skateboard ramp



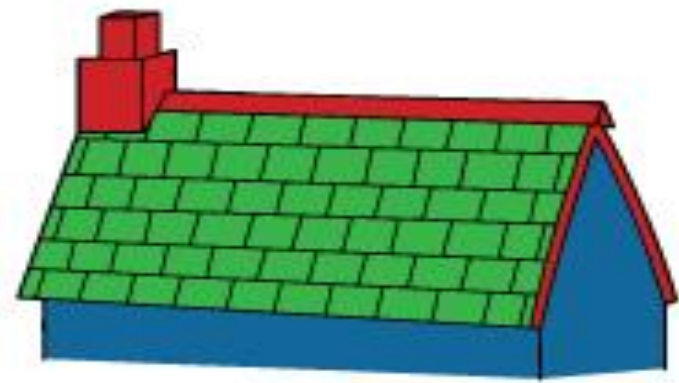
Slide



Water slide



Funnel

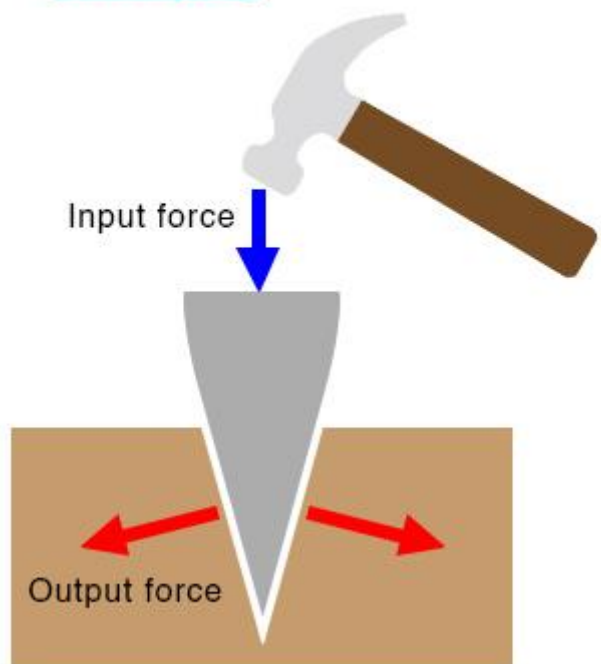


Roof



Road ramp

## Wedge



## Wedge Examples



Axe



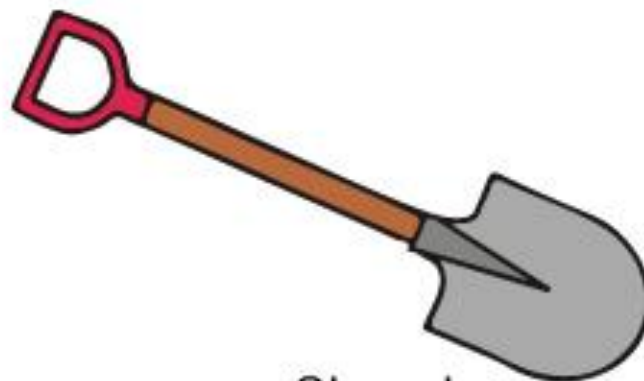
Knife



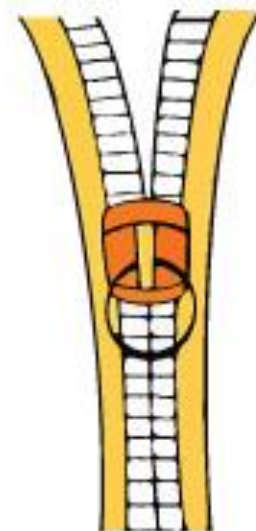
Saw



Pencil sharpener



Shovel



Zipper



pulleys



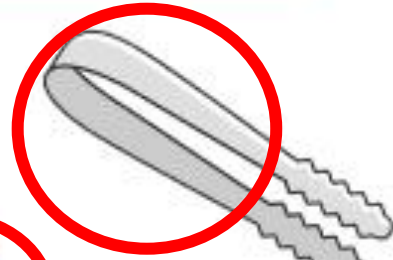
# Lever Examples



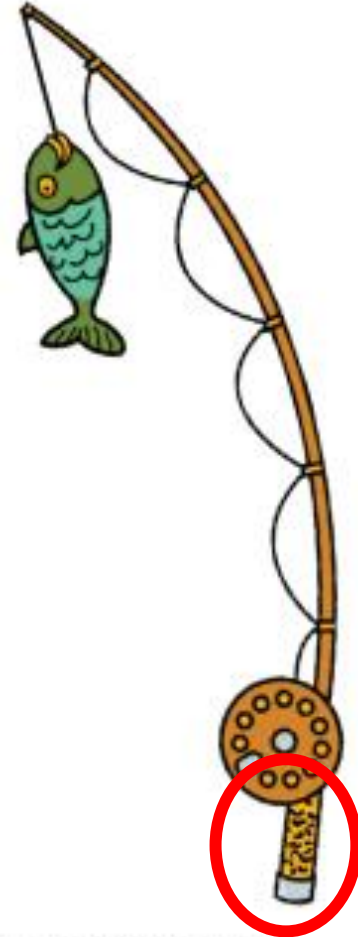
Scissors



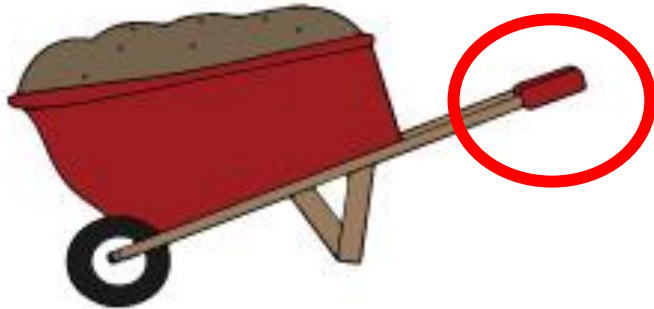
Bottle opener



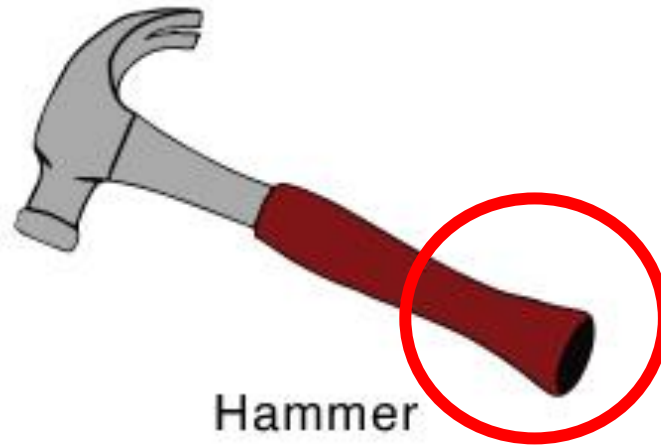
Tongs



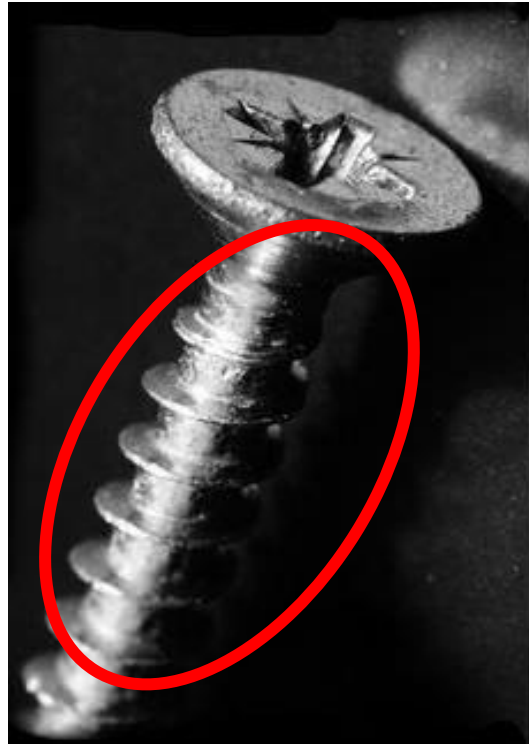
Fishing rod



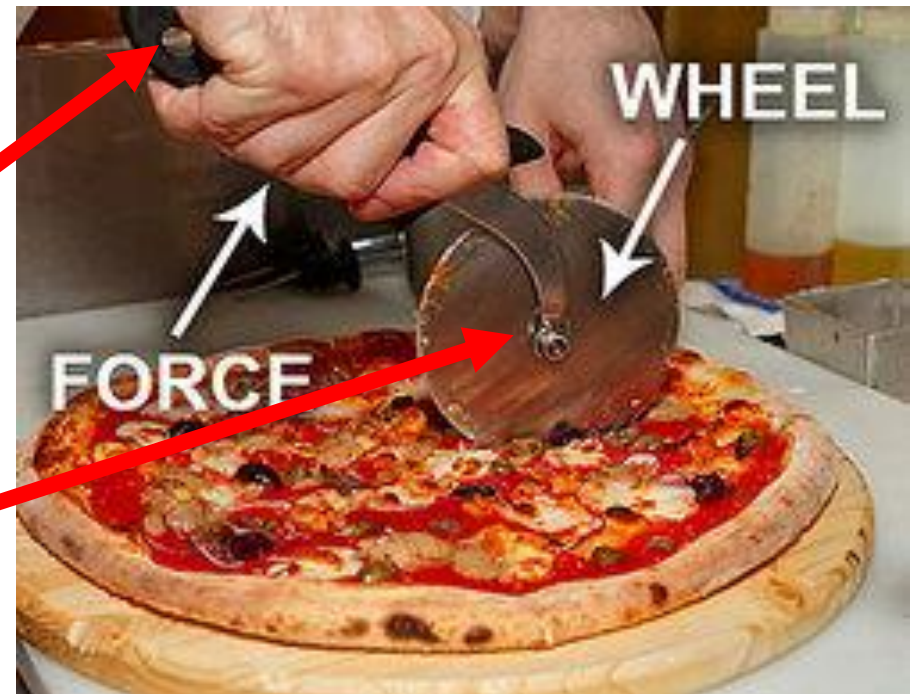
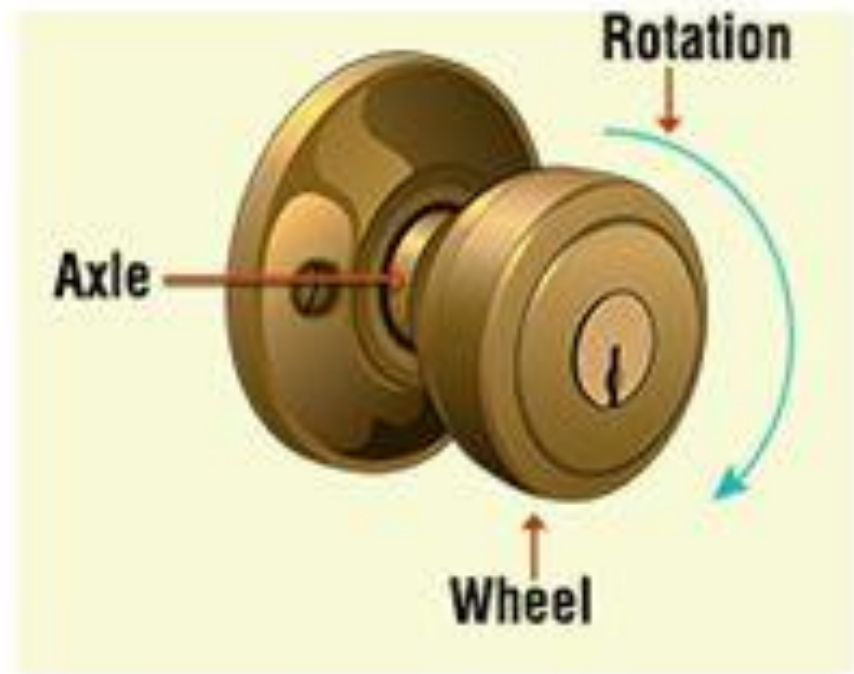
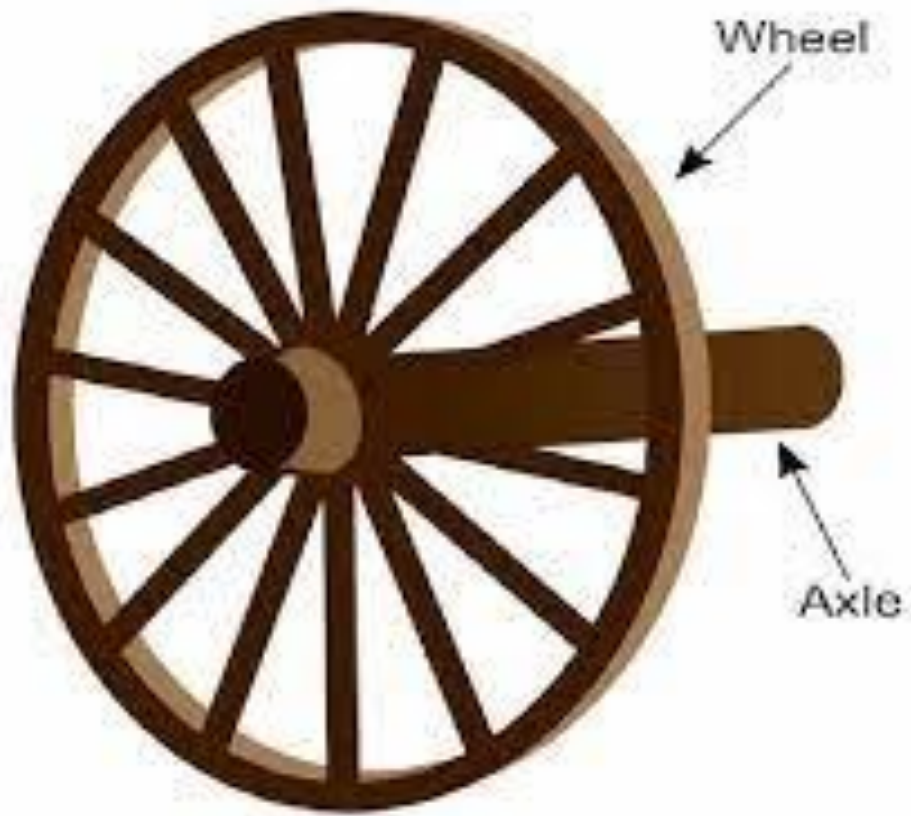
Wheelbarrow



Hammer



screws



axle  
wheel

wheel and axle

# Force can m... objects like p... and p... .



1



2



3



4



5



6

Match.  
Wheel and  
axel  
Lever  
Inclined  
plane  
Screw  
Wedge  
Pulley

**Group work:**

What is force?

**Name two kind of force.**

Name 6 simple machines and  
draw/name one example  
for each.