**Wheels and Levers Study Guide**

* All vocabulary terms:
  + simple machine
  + compound machine
  + force
  + effort
  + load
  + friction
  + lever
  + fulcrum
  + wheel & axle
  + pulley
  + screw
  + wedge
  + inclined plane
  + roller
  + gear
  + work
* Examples of real life:
  + Levers
  + Wheels (& axle)
  + Screws
  + Wedges
  + Inclined planes
  + Rollers
  + Gears
* How do simple machines make our life easier?
* Compare the wheel and the roller. How are they similar and different?
* How does a lever make work easier? How does the size of the lever and the position of the fulcrum affect the amount of effort needed to lift a load?
* What are gears? How do they make work easier?
* How does a pulley make work easier? Compare and contrast (how are they similar and different?) a single pulley system vs. a double pulley system.