**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.