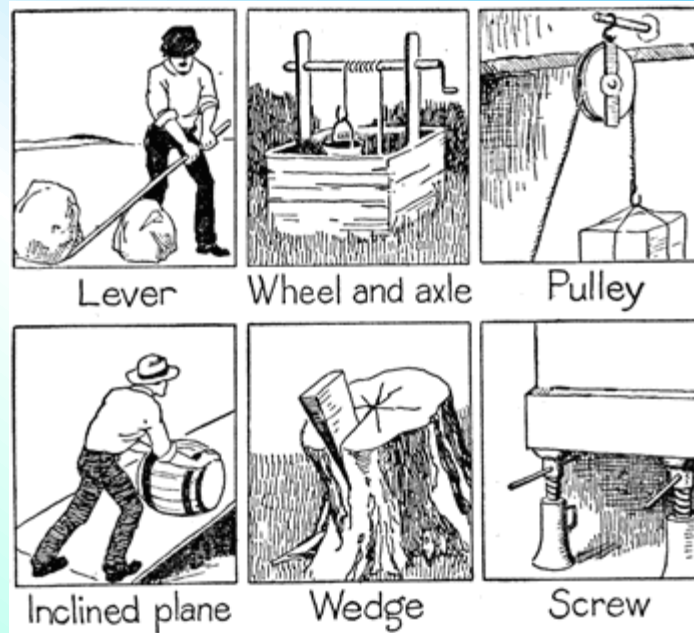


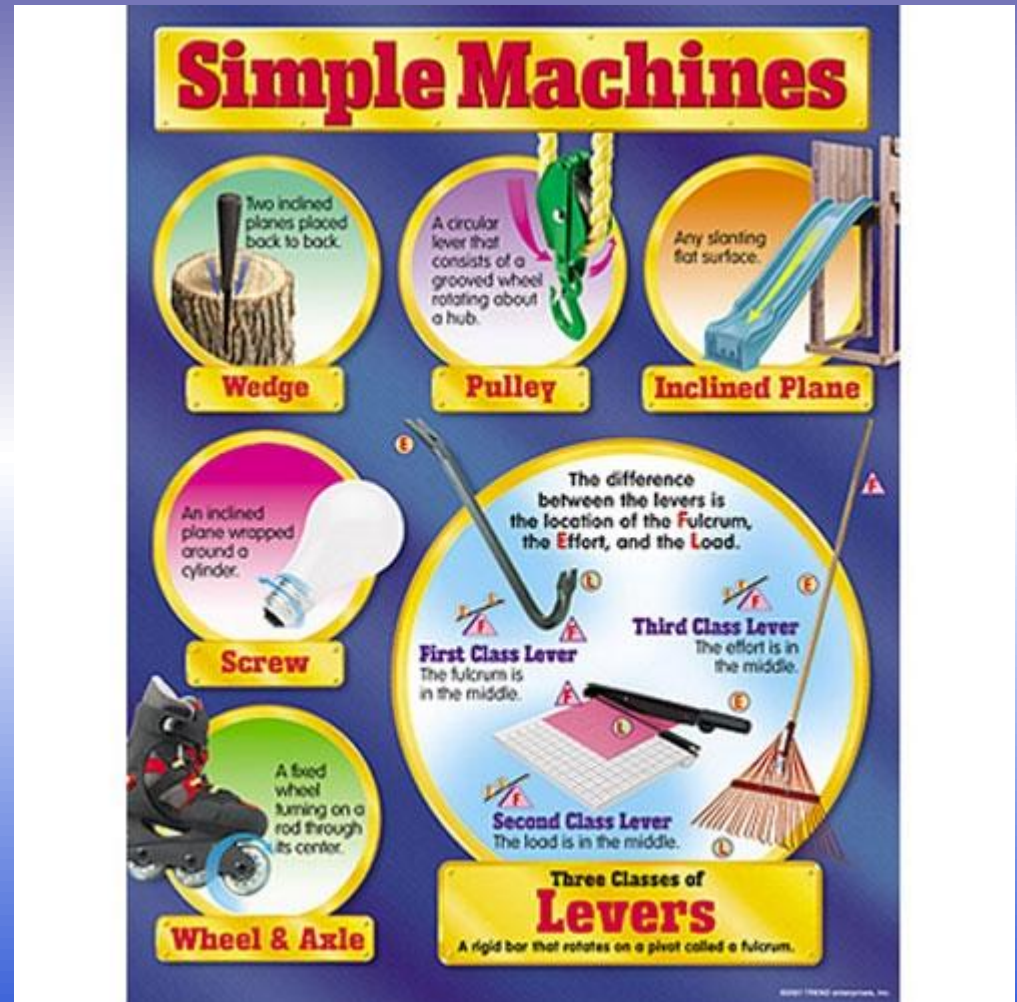
AGENDA 6/9/14



- Design and test simple machines
- Complete Simple Dream Machine

Focus Questions

- How are simple machines used to increase mechanical advantage and increase efficiency?



Why?

- Identify the six types of simple machines



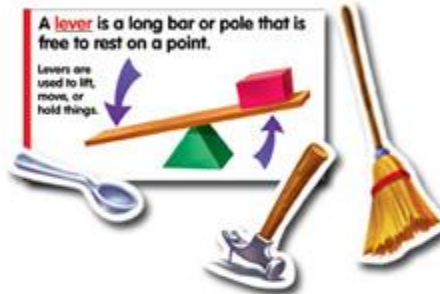
A **wheel and axle** is made of a rod attached to a wheel.

A wheel turns around an axle to move things.



A **lever** is a long bar or pole that is free to rest on a point.

Levers are used to lift, move, or hold things.



An **inclined plane** is a slanted surface.

Inclined planes are used to raise or lower things.



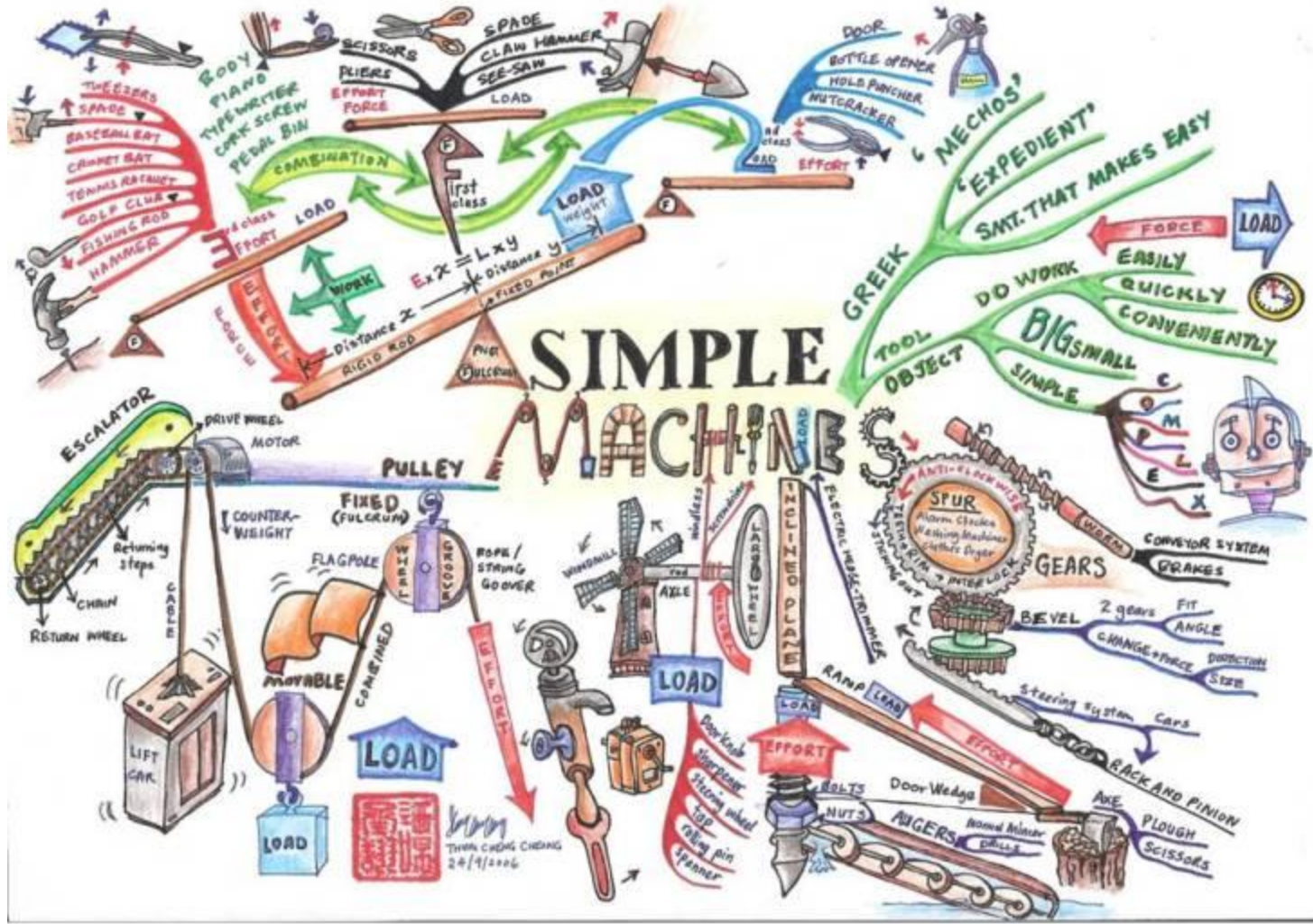
A **screw** is a winding inclined plane.

Screws are used to hold objects together or to raise and lower things.



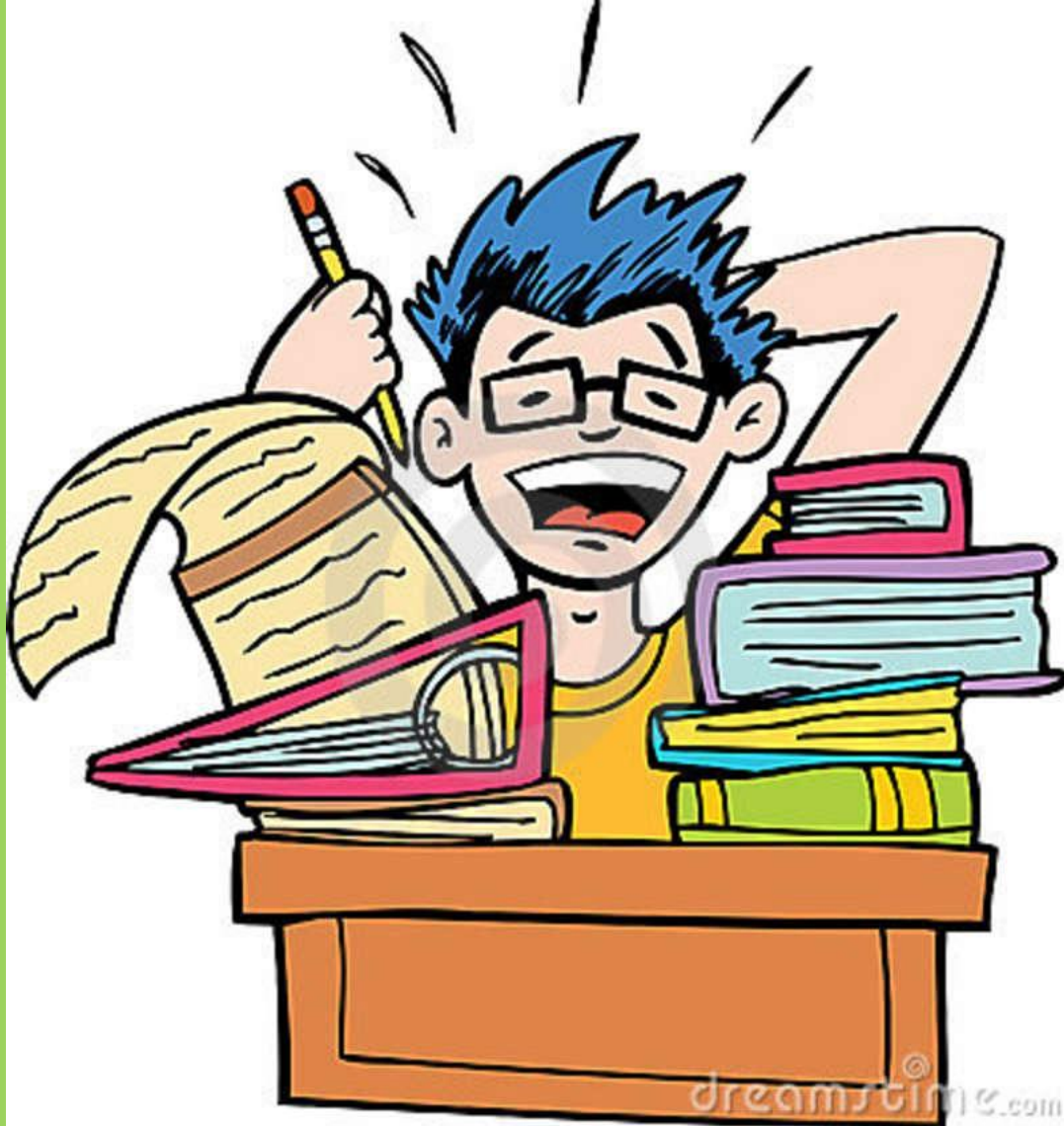
- Build a model or device that does work and calculate the mechanical advantage

How?



- Build a simple machine

HOMEWORK



- Electrical Circuits and Energy Notes
- Study for final...20 min each night

Bellringer 6/9/14

When you use your thigh, knee and leg to kick a ball...it acts as what kind of simple machine?

