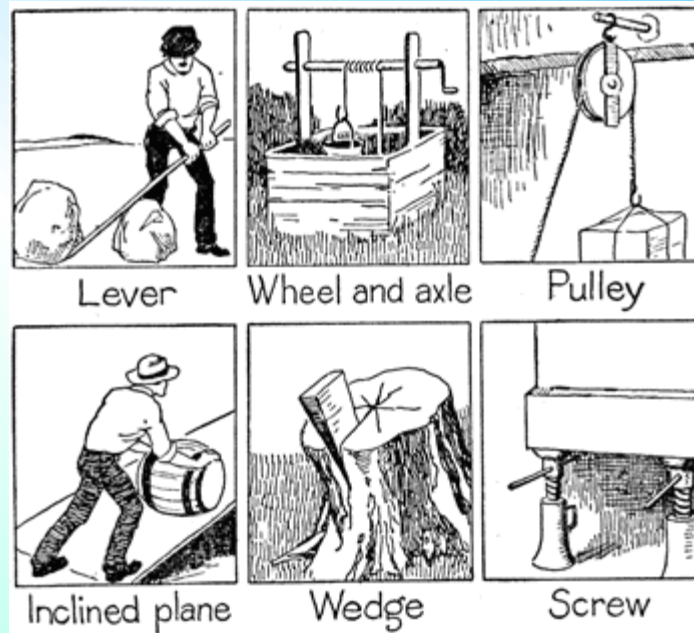


AGENDA 6/5/14



- Bill Nye—Simple Machines
- Finish Notes and begin designing own simple machine

Focus Questions

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

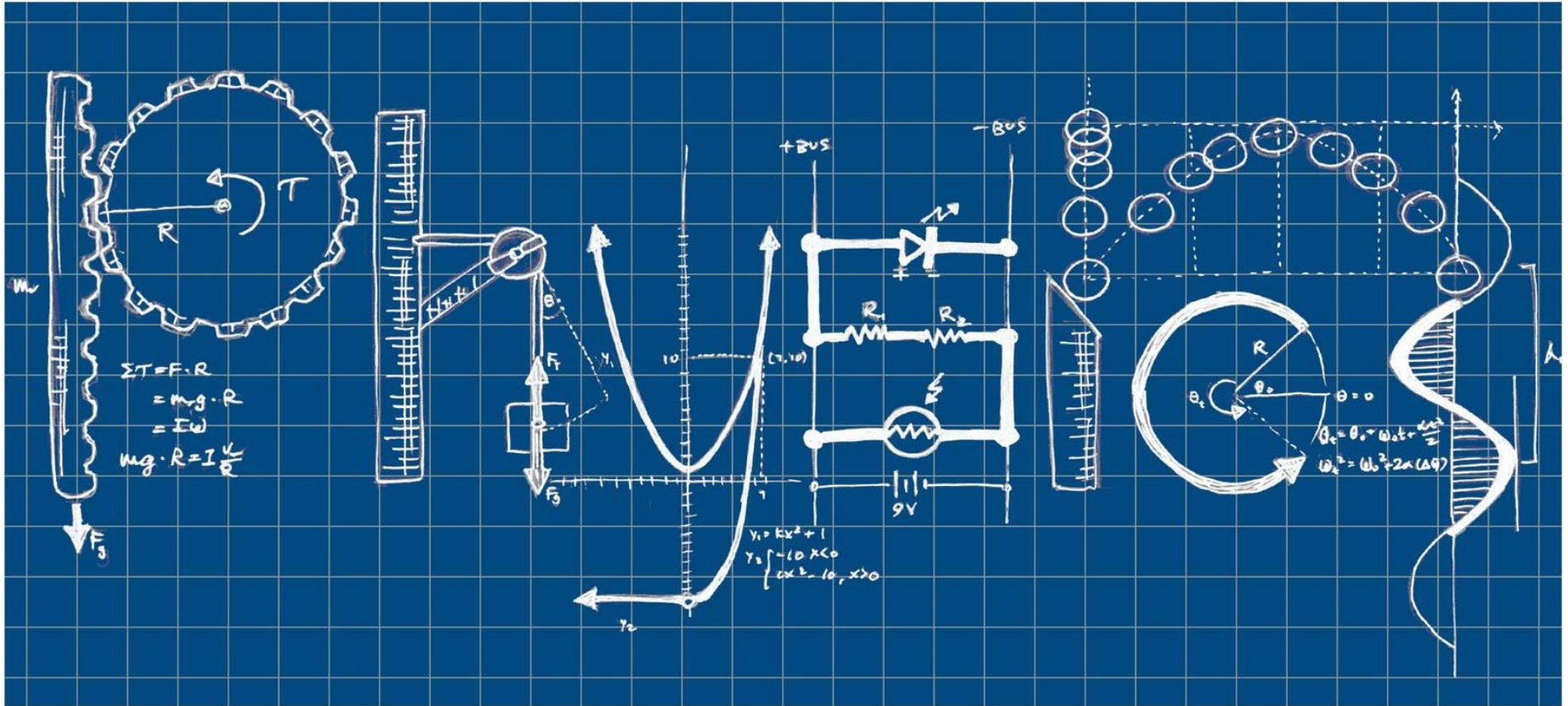


Why?



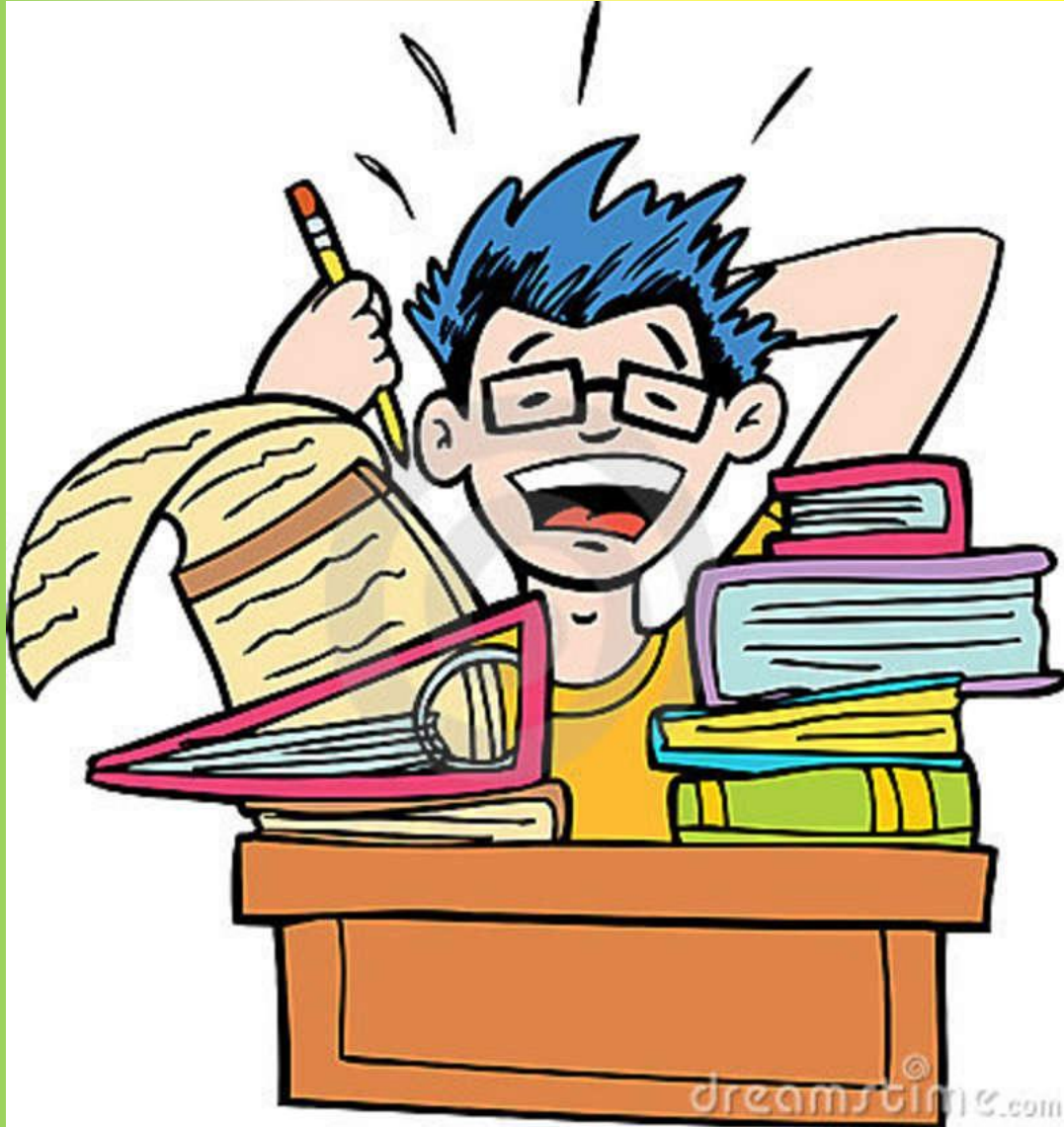
- Identify the six types of simple machines
- Build a model or device that does work and calculate the mechanical advantage

How?



- Build a simple machine

HOMEWORK



- Finish notes and design machine

Bellringer 6/5/14

Newton's first law states that an object in motion continues in motion with the same speed and in the same direction unless acted upon by an unbalanced force. Which example is best illustrated by this law?

- a. A hockey puck is hit by a hockey stick and doesn't move.
- b. A hockey puck sliding along a table comes to stop due to friction.
- c. A hockey puck spins around gaining speed.
- d. A hockey puck exerts the same force on the hockey stick when hit.