

## ***Thermal Stations Lab***

There will be different stations set up, with each involving a concept listed below:

1. Heat Engine
2. Determining a Thermodynamic Constant,  $\gamma$
3. Thermal Radiation System (using the PASCO apparatus) Perform only experiment 1 and if time permits, also perform experiment 3.
4. Thermal Expansion System (using the PASCO apparatus, follow my instructions, and refer to PASCO's Lab Manual when referenced in my instructions and for figures)

You will have approximately 30 – 60 minutes to spend at each station throughout the next several weeks of lab. Ask your instructor for details.