**Vernier Equipment** 11/20/15

|  |  |  |
| --- | --- | --- |
| **Sensor Type** | **Physics Closet** | **Science Office** |
| Motion Detector | 12 |  |
| Photogate | 37 |  |
| * Pully for photogate | ??? |  |
| * Picket fence for photogate | 11 | 12 |
| Dual Range Force Sensor | 12 |  |
| Force Plate | 4 |  |
| Low-G accelerometer | 11 | 2 |
| Rotary Motion Sensor |  | 3 |
| Pressure Sensor | 2 |  |
| Magnetic Field Sensor | 8 |  |
| Light Sensor | 11 |  |
| Colorimeter | 3 |  |
| UVA | 2 | 1 |
| UBV |  | 1 |
| Microphone | 2 |  |
| Thermocouple | 2 |  |
| Temperature Probe | 2 |  |
| Stainless Steel Temperature Probe | 5 | 1 |
| Surface Temperature Probe | 1 |  |
| Charge Sensor | 1 |  |
| Current and Voltage Probe System | 6 |  |
| Student Radiation Monitor | 1 |  |
| O2 sensor (2 types) | 1 | 9 |
| CO2 sensor |  | 2 |

**Physics Lab Equipment**

* + air tracks with photo gates
  + gram balance
  + force scales (Newtons, kg, or grams)
  + stop watches
  + various masses
  + meter sticks/tape measure/trundle wheel
  + turntable
  + springs
  + bubble level
  + strobe light
  + Electrical equipment: multi-meters, ammeters, voltmeters, magnets
  + Optics: glass blocks, mirrors, lenses, polarizers, hand held laser pointers
  + Tuning forks
  + Your own cell phone (can be used for still photos or video and time analysis.)`