**Unit 5 Materials List**

**For all investigations students will need graphing calculators.**

In addition, here are some materials specific to each investigation.

**Investigation 2**

* Raw spaghetti
* Measuring tapes or yard sticks
* Projector for Power Point
* Rulers

**Investigation 3**

* Projector for Power Point
* Computers (for Excel or other statistical software)
* Rulers

**Investigation 4**

* Projector for Power Point
* Computer lab
* Rulers
* Several yard/meter sticks or several tape measures
* Rubber bands (400-500)
* Several stopwatches or the ability to project online stopwatch (or use a cell phone)
* Masking tape
* Several pieces of 2-foot long rope. Different diameters
* 9-inch balloons for every student in the class.
* 12-inch balloon for the teacher.
* Small aerobic exercise equipment.

**Investigation 6**

* Clear cylindrical container and rice

**Performance Task**

* Computer lab for student research