Mini-experiments for Essay #2

Please visit: http://www.mrsec.wisc.edu/edetc/nano/cineplex/index.html
or see the Materials Science Companion for details on the following topics

PDMS bouncing balls
Amorphous metal kit
DNA optical transform experiment
PDMS – flexible optical transform experiment
Quasicrystal optical transform experiment
Ferrofluid
Memory metal – shape-memory behavior vs. temperature
Memory metal – sound vs. temperature
NMR demonstration
YBa$_2$Cu$_3$O$_7$ superconductor – magnet levitation
Graphite pencil conductivity experiments