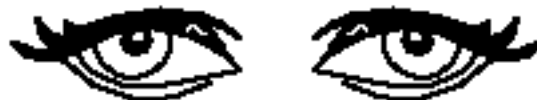


+ Daily Assignment Sheet '10
(check them off as you complete them)

NAME _____ Period _____

Due Date	Assignment
Thur 9/9	___ WS 2.1
Fri 9/10	___ Do WS 2.2 ___ Read <u>Flame Test Lab</u> & do the pre-lab questions on the bottom
Mon 9/13	___ Finish Flame Test Lab ?'s
Tue 9/14	___ Do WS 2.5 (science math)
Wed 9/15	___ project idea sign-up's due ___ Do WS 2.3
Thur 9/16	___ Do WS 2.4
Fri 9/17	___ got your periodic table yet? ___ Do WS 2.7
Mon 9/20	___ Do WS 2.6 (#1-8) (.. mini quiz today ..)
Tue 9/21	___ do nothing
Wed 9/22	___ Finish <u>Ionization Energy Graph</u> ___ Do WS 2.6 (#9-11)
Thur 9/23	___ Do WS 2.8 (review sheet) • Mustard Day •

+ Packet 2: Atomic Theory & the Periodic Table



Quantum Mechanics



Schrödinger's Cat

Quantum Theory



Thu 9/24 • **Quiz Today** •
___ Come to class with packets ready to be turned in, with the above assignments in your folder, in the proper order (see below). For **full points**, be sure your name is on top, you have your folder & grade print-out, and no old packets inside.

<p>packet order:</p> <ul style="list-style-type: none"> - assignment sheet - WS 2.1 ~ 2.8 - ionization energy graph - Flame Test lab <p>(keep your colored periodic table)</p>	<p>penalties:</p> <ul style="list-style-type: none"> no name on top (-1/2) no folder (-1/2) no grade sheet (-1/2) turning in old packets (-1/2)
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Something to think about...

How is it possible to say where something is, if the mere act of observing it changes its location?

Schrödinger's Quantum Mechanical Wave Equation for a single particle in three dimensions:

$$i\hbar \frac{\partial}{\partial t} \Psi(\mathbf{r}, t) = -\frac{\hbar^2}{2m} \nabla^2 \Psi(\mathbf{r}, t) + V(\mathbf{r}) \Psi(\mathbf{r}, t)$$