

Classroom Expectations

Introduction to biology
Mr. Ayman Elsangary



The Periodic Table of Elements

Atomic Number • Number of Protons • Number of Electrons

6 C Chemical Symbol
CARBON Chemical Name
12 Atomic Weight • Number of Protons • Number of Neutrons

METALS																NON-METALS																	
H	He															He																	
Li	Be	B	C	N	O	F	Ne															Ne											
Na	Mg	Al	Si	P	S	Cl	Ar															Ar											
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr					Kr											
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe					Xe											
Cs	Ba	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn					Rn												
Fr	Ra	Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Uub	Uut	Uuq	Uup	Uuh	Uus	Uuq					Uuo												
																		Lanthanoids				Actinoids											
La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu					La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr					Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr

KEY

- 1 - Noble gases
- 2 - Halogens
- 3 - Alkali metals
- 4 - Transition metals
- 5 - Lanthanoids
- 6 - Actinoids
- 7 - Hydrogen
- 8 - Other metals

http://education.jlab.org/ Basic printed on June 22, 2004



Student Behaviors

- Be prompt
 - *Be ready to learn when class begins.*
- Be prepared
 - *Have materials with you and know due dates.*
- Be a polite and positive participant
 - *Speak in a normal tone of voice,*
 - *and listen attentively.*
- Be productive
 - *Turn in work on time, and always do your best.*
- Be a problem solver
 - *Correct problems quickly and peacefully before they escalate.*



Show Respect

- Value yourself. Be honest and ethical, and practice strong moral values.
- Treat all members of the school community and all visitors with politeness and respect.
- Honor the ideas and opinions of others.
- Offer to help.
- Be responsible with property and belongings.



Responsibility for Coursework

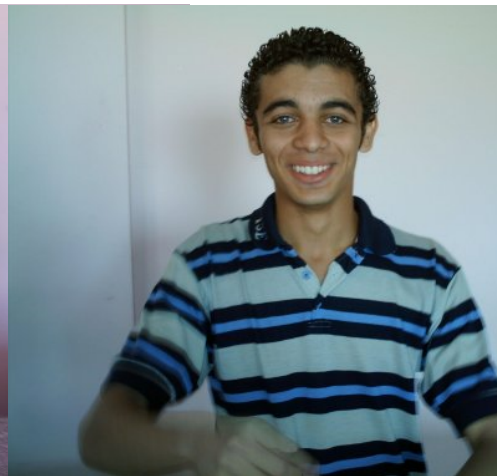
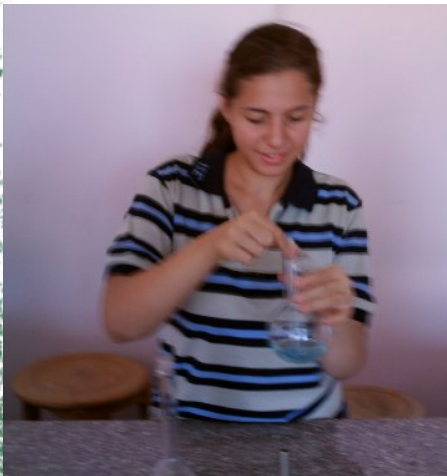
- Bring notebook, textbook, planner, white coat, calculator , pair of gloves and appropriate writing tools to class.
- Know due dates, and submit all coursework on time.
- All assignments are posted on the bulletin board and on my Web site. [www.http://mrayman.com](http://mrayman.com) (What is new tab).
- Additional material is available for the future's scientists.



Promote Lifelong Learning

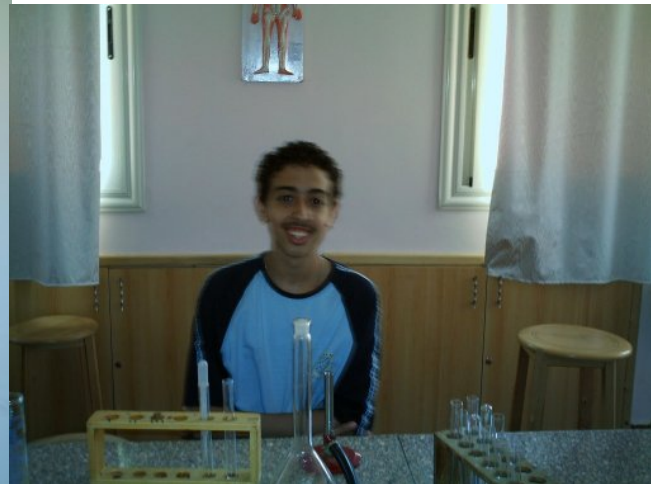
You can develop lifelong learning traits:

- *By showing curiosity about human nature and how the world works.*
- *By seeking and valuing diversity.*
- *By persisting in seeking out new solutions.*
- *By using your unique talents and intelligence to promote positive change.*
- *By learning and applying technology tools to solve problems.*

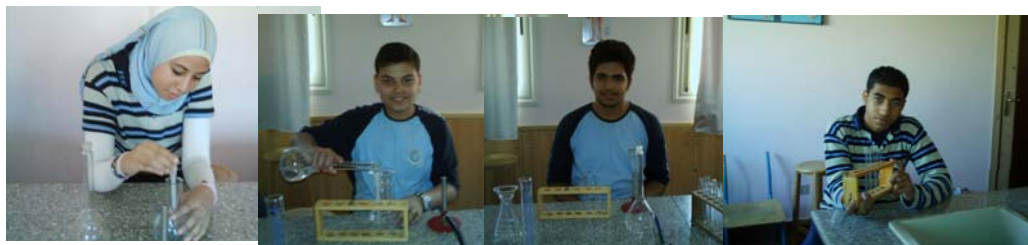


Policies

- Food and beverages are not allowed in the classroom.
- Please be in your seat when the bell rings, as class begins at that time.
- Major assignments and projects can be resubmitted. They will be scored at a 10% deduction.
- Absences
 - *Ask team members or a classmate first for assignments.*
 - *Each absence has a one-day grace period.*



Grading



- Grades are based on the accumulation of points.
- Points are based on:
 - *Class participation (effort)*
 - *Completion of assignments (daily work)*
 - *Major projects, exams, and self-reflection*
- Grades are posted online and updated every weekend [www.http://nischemistryresults.741.com](http://nischemistryresults.741.com)

Our Grading Scale

- 90-100% = A
- 80-89% = B
- 70-79% = C
- 60-69% = D
- Below 60% = F

Grades are calculated on cumulative percentage and are rounded up whenever possible.

My Pledge to Students

- I will trust you until you give me reason to do otherwise.
- I will respect you and work with you to solve problems.
- I will promptly correct and offer feedback on your work.
- I will work with you to meet learning goals.
- I will offer extra help and alternative assessments should you require them.

