

Physical Science- (Ms. Helgesen) 2012-2013

Course Description:

This course is designed to serve as a solid foundation for the study of the Physical Sciences. Topics to be investigated are phases of matter, force and motion, work, simple machines, conservation and transformation of energy, heat, waves, sound, light, electricity and magnetism.

The role of the student in this course is to develop inquiry and problem solving skills within the context of scientific investigation. Students will apply what they learn to everyday situations by conducting investigations and formulating and testing their own hypotheses.

Materials Needed for Course:

Text Book
3 Ring Binder
Loose Leaf Paper
Pencil and Pen
Scientific Calculator (NO Phones)
Goggles for some labs

Grading Scale

All work will be graded on points. Grades each period will be based on the percentage of points you earn. Grades for each semester are cumulative and are determined by the number of points earned in the following areas:

100-93 A	Homework + Labs/ Projects + Quizzes +Tests = 80%
92-85 B	Final Exam: 20 %
85-77 C	
76-70 D	
<70 F	

Website: <http://mshelgesen.pbworks.com>

Class Schedule: WEST: 1,2 Preble: 5,6,7,8

Email: mnhelgesen@gbaps.org

Student Signature: _____

Parent Signature: _____

	Classroom	Expectation
Respect	<p>Be an active listener</p> <p>Be considerate of others</p>	<ul style="list-style-type: none"> • Wait for others to finish speaking before you talk. • Ask for permission before you leave your seat. • Respect everyone. Respect is a right. You earned it the day you were born. • Respect others property and ask before you use something. • Use appropriate language at all times. Also use good manners. • Dress appropriately with acceptable clothing for school as well as labs.
Responsibility	<p>Be present</p> <p>Be on time – not in hall</p> <p>Do your own work</p> <p>Ask for help</p> <p>Use electronics with permission</p>	<ul style="list-style-type: none"> • Bring a binder with paper and writing utensil to class every day. • You will be in the classroom before the bell. • Cell phones must be put away in the classroom and not used unless you have permission from Ms. Helgesen. • If you go the semester without a tardy and without using your cell phone you can drop your lowest attempted quiz of the semester. • Ask to use the hall pass at appropriate times unless it is an emergency. • If you are unsure of anything, you should ask the instructor before doing something. • Any lab equipment that is out in the classroom should be left alone until you have been instructed to use it. • Goggles and aprons will be necessary for some of the labs in this class. • If you are missing class for a school activity, the work that is due the day you are missing must be turned in before you go that day otherwise it will be considered late. (Unless otherwise discussed with Ms.Helgesen)
Dedication	<p>Turn in homework on time</p> <p>Be prepared/Do your best</p> <p>Check I.C. regularly</p> <p>Use resource labs</p>	<ul style="list-style-type: none"> • Turn in homework by the end of the hour that it is due, otherwise it is considered late. (late homework results in a 50% deduction from the points earned, late Lab work results in 10% deduction per day late with 50% deduction being the maximum) • All late work is due by the end of the grading period it was assigned otherwise no credit will be given. • Do your own work. All work that is copied will result in a zero without the opportunity to make it up. • All tests should be your own work. If you cheat on a test, you will receive a zero for the test and you will not have an opportunity to make it up. • Follow your Flinn Lab Safety Contract unless different instructions are given. • Homework and assignments will all be posted on mshelgesen.pbworks.com at the end of the day that they are assigned. If it is digital, there will be a downloadable copy out there for you to print if needed.
Community	<p>Cooperate with others</p> <p>Support and encourage each other</p>	<ul style="list-style-type: none"> • Keep your classroom clean and safe. • All areas will be cleaned up before you leave the classroom. • Microscopes and other equipment must be put away at the end of the hour. • Food and drink is NOT permitted. Water is allowed.