C:\Users\deborah.chabi\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\8T4HVL0S\MC900233971[1].wmfSYLLABUS - PHYSICAL SCIENCEC:\Users\deborah.chabi\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\8T4HVL0S\MC900055536[1].wmfMs. Chabi

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**CONTACT INFORMATION:**

Course: 4205 Room: 203

Textbooks: Physical Science IPS

Ms. Chabi Email: [deborah.chabi@d300.org](mailto:deborah.chabi@d300.org) Ms. Chabi website: chabizone.yolasite.com

Ms. Chabi Phone: 224 484-5120

**GOALS:**

The goal of this course is to provide a basic foundation in physical science enabling students to exhibit a level of scientific literacy that involves writing, reading and application of their knowledge.

OBJECTIVES:

After successfully completing this course, students will be expected to do the following:

1. Apply the scientific method in both individual and group settings.
2. Apply the process of science to solve problems.
3. Graph and graph analysis of data collected.
4. Demonstrate accurate measurements using appropriate laboratory equipment
5. Design scientific experiments
6. Diagram and distinguish scientific set ups.
7. Create a scientific process for separating and identifying a mixture of substances.
8. Separate and identify a mixture of substances based on their characteristic properties.
9. Identify unknown metals by determining their specific heats.
10. Compare and contrast individual and group results
11. Interpretation and analysis of data thoroughly discussing whether data collected during scientific investigations supports their original hypothesis.

TOPICS:

Topics include but are not limited to the following:

Process of Science, Laboratory Safety, Measurement, Graphing, Laws of Science, Characteristic Properties, Properties of a an Object, Phase Changes, Separation Techniques, Identification Techniques, Thermal Energy, Specific Heat, Temperature, Conduction, Radiation, Convection, Simple Machines, and Newton’s Laws

FUTURE USES:

Students who successfully complete this course will apply their learned skills and knowledge in future science courses. Students will be able to use and apply scientific knowledge and skills to be effective problem solvers in any area. The skills of data collection, discussion/brainstorming, data analysis, group work, and problem solving along with the confidence gained in their ability to make useful decisions can be applied to all aspects of their life.

CLASSROOM EXPECTATIONS:

START OF CLASS AND SEATING

1. Be in your seat at the start of class.
2. Please do not ask for grades at the start of class.
3. New seats will be assigned at the start of each unit.
4. No bathrooms or water fountain breaks. Don’t ask.
5. Do not touch safety features, phones or my computer.
6. Do not sit or draw on desks.
7. Do not leave your seat till bell rings..

DISTRACTIONS

1. You cannot use cell phones during tests or quizzes. Students in the past have taken

pictures of tests and passed it onto other students. Therefore no music or electronics

during tests

2. Use separate calculators.

3. You do not have permission to film or record in my classroom.

4. You may use notes and worksheets on tests and quizzes. You may not use your

notes if they are on your electronic device since electronics are not allowed in class.

5. One week after test is given, all tests will be closed out with whatever grade you

have. You can retake any test.

5. Do not do other class work in my class.

ADVICE

1. Give every assignment and learning opportunity your full effort and attention.

2. Behave and speak in a respectful manner towards everyone and everything in the

classroom.

3. Be honest and take ownership of your actions.

4. Please do not TELL me what you are going to do. ASK politely

EVALUATION: GRADING SCALE:

Lab Reports 35% 100-93% A

Test/Quizzes 20% 92-90% A-

Homework 15% 89-87% B+

Participation/Behavior 10% 86-83% B

82-80% B-

79-77% C+

OVERALL GRADE: 76-73% C

72-70% C-

Semester Grade 80% 69-67% D+

Final Exam 20% 66-63% D

62-60% D-

59% or less F

ABSENCES:

1. Check with another student to see what was covered and assigned in class. Make appropriate journal entry.
2. For every day you missed, you get one day to make up the work. IT IS YOUR RESPONSIBILITY TO FIND OUT WHAT YOU MISSED AND GET THE MAKE UP WORK AND MATERIAL.

Teachers do not give grades – students earn them. Grades are not rewards or punishments, but are statements of truth. I am the scorekeeper.

Homework is due on the day after it assigned unless otherwise stated. Assignments turned in late WILL NOT BE ACCEPTED.

Students have the opportunity to retake tests (except final) and quizzes if they are unhappy with their results

***I have read and discussed the above grading policies with my teacher. I understand that my grade is based on BOTH academic and behavior performance.***

*Student Signature (Print and Sign) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

*Parent/Guardian Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*