

Physical Science A, B & C

Course Description

FALL 2011/SPRING 2012

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Course Description: This physical science course is designed to provide students with an overview of many scientific disciplines. This course will introduce Geology, Aerospace Science, Astronomy, Chemistry, Physics, and Meteorology. The skills and concepts covered will be used in future scientific endeavors at MCA. The students will see that science is not disproof of God, but rather a testament to His wisdom and glory as God's hand is seen throughout the world of Science.

Book List: Physical Science binder, Astronomy, Geology

Course Requirements:

1. Students are expected to read the lesson material from the book/handout before coming to class. Assignments will be discussed in advance and posted on Gradespeed so the student can see what will be coming up the next week.
2. Class participation is required in order to encourage Socratic thought. Be prepared and ready to discuss the week's topic before class starts.
3. Homework is to be completed and turned in on time. There will be a penalty for all late work. Students who wait until the morning of and try to copy the work of others in class will receive a penalty for not doing the work themselves. Better to do the work before class time!
4. Cell phones, i-Phones, and i-Touches are not permitted in class. Texting during class periods is prohibited and the student will receive a "zero" for class participation or, if done during a test or quiz, a "zero" for that test/quiz.

Grading:

Class participation..... 10%
Homework..... 60%
Quizzes and Tests..... 30%

Extra Credit..... Students are encouraged to come to me to make arrangements for extra credit if desired! If a student is struggling with any of the material, extra credit will be tailored to that area in order to reinforce the material further.

Materials needed:

1. 2" 3-ring binder with dividers for handouts and work for the student.
2. College-ruled notebook
3. Graph paper for binder (divide the pack in half for the first semester)
4. White, unlined computer/copy paper with holes punched for notebook (at least 20 sheets to start with)
5. Colored pencils (already sharpened) (bring to class every day!)

Revisions:

--It is critical that each student revise lessons as they are handed back. This not only helps his/her grade, but it helps him/her prepare for the tests. Revisions are necessary to have a true understanding of the material.

--It is the student's responsibility to keep up with revision deadlines.

--Students have 1 month from the day the lesson is handed back to them to revise it!

--If a student makes below a 80% on a test, he/she is advised to retake the test at the tutor's convenience. Revisions on lessons or tests may be allowed for 1-5 extra points. Revision points will not exceed a 90% average.

--Retakes must be taken before the next unit test (for example, you must take the Astronomy test before the Math test, otherwise you will miss a retake opportunity).

--If the student does not retake the test, he/she will have to take the original grade.

Assignment for the 1st day:

Read Physical Science Binder pp. 1-4 and answer the Homework 1.1 questions on p. 4.