

South Miami Senior High School

Physical Science

M. San Jorge

Email: [msanjorge@dadeschools.net](mailto:mсанjorge@dadeschools.net)

Course Description:

Physical Science is the study of the physical world around you. It is based on the belief that the things that happen around us can be explained through careful observation and experimentation. Some of the main topics that we will cover include: Motion; Forces; Energy; Machines; Sound & Light; Electricity; Magnetism; Matter; Gases; Atomic Structure; Compounds; Chemical Reactions; Solutions.

Requirements for class:

Calculator	<i>(Phone Calculators are NOT allowed!)</i>	
Journal Book	Metric Ruler (cm)	Graph paper
Notebook	Pens/Pencils	Regular Paper

Academic:

Academic grades are given based on the Miami-Dade County Public Schools Grading Scale:

A = 90 – 100	(3.5 – 4.0)
B = 80 – 89	(2.5 – 3.49)
C = 70 – 79	(1.50 – 2.49)
D = 60 – 69	(1.0 – 1.49)
F = 0 – 59	(0 – .99)

Class grades are broken down into the following categories:

Homework and Class Participation:	25%
Reading Assignments:	25%
Quizzes and Labs:	25%
Tests	25%

Grades are available online through www.dadeschools.net on the parent or student portals. The online grade book is updated periodically. Grades will be distributed on progress reports and on report cards.

Laboratory Activities:

You will be participating in labs regularly. Each student is expected to participate in labs. Safety during labs is **VERY IMPORTANT!** Failure to follow lab safety rules and/or inappropriate behavior during a lab will result in disciplinary action. This will affect your grade in a negative manner as well as detentions and referrals.

Gizmos:

Gizmos are online laboratories. They will be used to help supplement activities done in class. They are also a great way to review for exams. Students can access gizmos from any computer with internet access by going to www.explorellearning.com. Click on the green "Login" button in the upper right corner. The username for this class is **7721SJstudent**. The password is also **7721SJstudent**. Once logged on, find the gizmo you want to work with and click "**Launch Gizmo.**" After the gizmo has launched, a blue link labeled "**Lesson Materials**" will appear just above the gizmo screen. (Not at the top of the page.) When you click on *lesson materials*, a new window will open which will allow you to open and/or print the "**Student Exploration Sheet.**" This provides step by step procedures on what to do and how to work the gizmo. There are also 5 questions below each gizmo which help review what you should have learned.

Fees:

There is a \$_____ lab fee required for all science students. This fee is used to purchase lab supplies, chemicals and specimens for the class.

Tests:

Tests will be given at the end of each major topic covered. They will always be announced. Tests will cover the material covered in class as well as the reading and homework assignments.

Quizzes:

Quizzes will be given on a regular basis. They will cover material from class, home learning assignments and reading assignments.

Textbook:

Textbooks for this class are online.

Go to the website www.linktoscience.com

The username and password is flfps007s

First open the folder that says CPO science.

Then open the folder that says CPO science Florida

Click on link for Foundations of Physical Science (Florida Edition)

You now have access to the textbook, the lab manual and a periodic table of the elements.

Late Work and Absences:

ALL work is expected to be on time. Late work will be accepted but the work will drop one (1) letter grade for every day that it is late. In the event of an absence on the day an assignment is due, it will be due the very next day. Excused absences will suffer no grade drops. Unexcused absences will have the same effect as a late assignment. **IT IS THE STUDENT'S RESPONSIBILITY TO FIND OUT WHAT WAS MISSED ON THE DAY THEY WERE ABSENT.** The teacher will NOT go find the student to tell them what they missed!!! You MAY ask the teacher or a classmate.

**** If a student has 10 or more absences, credit will automatically be withheld for the course. ****

Behavior:

These are simple common sense things that are expected from all students.

1. Arrive to class on time (inside the classroom and seated when the bell rings).
2. Bring your supplies (paper, pen/pencil, reading materials, etc.) to be prepared for class.
3. Treat yourselves, others and class/school property with respect.
4. Cell-phones must be turned off or on vibrate during class. Use of cell-phones, mp3 players, and other electronic devices, except calculators when specifically stated, are not allowed to be used in class.
5. Wait for the teacher to dismiss you when the bell rings at the end of the period.
6. **NO GUM!!!**

I do not bite! I encourage you to ask questions. If you are not sure about something that has gone on in class, please speak up. I want you to do the best you possibly can. The more involved you are in class, the more you will learn and the easier the class will be for you.