**SCIENCE MR. BURKEY 2015/2016**



Welcome to seventh grade science! I am looking forward to a productive school term. I am confident that by working together, this will be a fantastic year! The Deerlake Middle School science department will be utilizing the Florida iScience interactive textbooks developed by Glencoe. These textbooks allow you to write in your book and “interact” directly with the provided content. Florida iScience is specifically designed around the *National Science Education Standards* as well as the recently adopted *Florida standards.* It gives you the opportunity to construct your own understanding of science concepts through inquiry, interaction, inspiration, and invention. This approach is designed to engage you, tap into your natural curiosity and creativity, and develops your hidden interests to learn more. The Florida iScience curriculum lets you become a critical thinker, problem solver, and be more responsible for your own learning.

***Website-*** All lesson plans will be available on my Website. You can access the site by clicking on the teacher sites tab from the Deerlake main page. This site will also be periodically updated with all pertinent class information.

***CLASS PARTICIPATION/BEHAVIOR****-* You are to be on time to class, bring your student planner and all required materials, and be prepared to work. You are expected to use your class time to achieve the day's objectives and exhibit responsible behavior. This will be an important part of your citizenship grade.

***NOTEBOOK****-* A three-ring binder is required(you may share with another subject if desired). Your notebook should be brought to class on a daily basis. You will keep lecture notes, labs, homework, daily assignments, and graded papers in the notebook.

***STUDENT PLANNER****-* You are to bring your planner each day and record the day’s assignments for that date. The entire week’s assignment will be posted on the board no later than Tuesday of that week. The planner will also be used as your pass out of class.

***TEXTBOOK****-* You will be issued a textbook. This book is an “interactive” book which you will write in. Book will remain in class and the current chapter will be torn out and kept in your binder. There is an online version as well(information will be given soon).

***HOMEWORK****-* Homework will be given periodically and is designed to help reinforce the class lessons. **Assignments turned in after the due date will not be accepted.** If an exception is made, the assignment will not be worth the full credit. **If you are absent, it is your responsibility to get missed assignments.**



***GRADE PLAN-*** Grades will be determined based on the following Categories: Test/Quizzes 40%, Labs/performance assessment 30%, Class work/homework 30% (this category includes, but is not limited to, daily work, homework, notebook checks, notes, and class participation). Each assignment will be assigned a point value. Individual percent grades can be determined by dividing the number of points earned by the possible number of points.

***All assignments are required to be turned in on time***. Students with excused absences will be allowed a reasonable amount of time to make up any missed work (one day for every day absent plus 1). Students are strongly encouraged to get work ahead of time if they know they will be absent. The **student is responsible** for turning in all work on time***. Missing the day before a quiz does not excuse the student from the quiz.***

**Please don't hesitate to ask questions or ask for help.**

Students will have a separate section in their three ring binder for graded papers. These papers are to be **saved for the entire nine week** grading period. Doing this will help them keep track of their grade as well serve as a reference for any recording error by the teacher. Keeping all class notes is highly recommended.

You can access grades online using the parent portal/gradebook I encourage you to take advantage of this great resource!

# *COURSE DESCRIPTION* - GRADES 7

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**Subject Area:** Science **Course Number:** 2002080

**Course Title:** M/J Comprehensive Science 2, Advanced

**A. Major Concepts/Content.** The purpose of this course is to provide opportunities

to study concepts of the life, earth/space, and physical sciences, and their

applications to everyday life.

**B. Course Requirements.** These requirements include, but are not limited to, the

benchmarks from the Sunshine State Standards that are most relevant to this course.

***Class Outline***- (Please be aware that this is an approximation and may change)

* The practice of science August/September
* Characteristics of scientific knowledge September
* The Role of Theories, Laws, Hypotheses, and Models September/October
* Energy Transfer and transformations October/November
* Forms of energy November/December
* First Semester Exam December
* Earth’s structures January/February
* Diversity and evolution of living organisms February/March
* Heredity and reproduction March/April
* Interdependence April
* Our Impact on Land,Water, and Air May
* Human Sexuality May
* Second semester exam May

***CLASS RULES***- All seventh grade team rules will be adhered to in my class. The school wide citizenship grade scale is as follows:

4 - Outstanding

3 - Satisfactory

2 - Needs improvement

1 - Unsatisfactory

All students **will begin with a citizenship grade of 3**, which is satisfactory. The student has the opportunity to achieve a higher or lower grade as the nine weeks progresses. Tardiness, not being prepared, poor conduct, and classroom participation are all factors which contribute to the citizenship grade.