

**SCIENCE DEPARTMENT**

**7th GRADE SCIENCE SYLLABUS**

**2017-2018 School Year**

**Teacher:** Mr.ILBAY (pronounce as il-by )

**Room: S111**

**E-mail address:**ailbay@tmsacharter.org

**School Phone Number:** (336) 621 00 61 Ext-153

**Course Description**

Science concepts will be taught through inquiry-based learning, which includes hands-on lab activities and experiences, students will ask and answer meaningful and thought provoking questions, share new and important knowledge with others and practice scientific processes. The purpose of this course is to provide you with all the knowledge required by North Carolina Essential Standards with an addition of knowledge beyond the minimum requirements as set by the North Carolina Department of Instruction to prepare them for the next year.

**Course Outline**

1. Forces and motion
2. Energy; transfer and conservation
3. Earth system and processes
4. Structures and functions of living organism
5. Genetics and Evolution

**Course Objectives**

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| **Upon completing 7th grade Science, students will be able to;*** Understand motion, the effects of forces on motion and the graphical representations of motion.
* Understand forms of energy, energy transfer and transformation and conservation in mechanical systems.
* Understand how the cycling of matter( water and gases) in and out of the atmosphere relates to Earth’s atmosphere, weather and climate and the effects of the atmosphere on humans.
* Understand the processes, structures and functions of living organism that enable them to survive, reproduce and carry out the basic functions of life.
* Understand the relationship of the mechanisms of cellular reproduction, patterns of inheritance variation among offspring.
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**Course Expectations**

* I expect the students to show respect for their own learning, as well as the learning of the others.
* Classroom rules/procedures will be explained and rehearsed in the first week of school in order to build a smooth learning environment.
* Classroom rules will include listening to others when they are speaking, treating themselves and others with respect, and doing their very best.
* Follow all directions the first time they are given.
* Be respectful and courteous at all times.
* Raise your hand and wait to be called on before speaking.
* Remain in your seat unless given permission to do otherwise.
* Limit bathroom/water breaks to a minimum – You can’t learn if you are not in the classroom.
* Come prepared each day with your notebook, binder, completed homework and several sharpened pencils.
* **Consequences for choosing to break class rules will refer to school code of conduct.**

**CONSEQUENCES**

1. **Reminder and verbal warning**
2. **Conference with students in hallway**
3. **Seating chart change or isolation (Reflection Paper)**
4. **Parent Conference/ IRR**

**Grading Policy**

You will have different assignments. All assignments affect your grade. Little assignments will not affect much, but big assignments will. But as with anything, the little things do add up. So not doing those assignments can and will affect your grade.

* **Classwork ,Homework, Labs –25%**
* **Tests – 30%**
* **Quizzes – 15%**
* **Projects – 20%**
* **Participation – 10%**

**Homework Policy**

Homework will be assigned 2-3 times a week. Homework assignments will always be posted on the white board in the classroom and http://ailbay.weebly.com. The assignment is due the following day unless otherwise posted on the white board; homework will be checked for **completion** daily. However, there will be times when it will be assessed for **accuracy** as well.

Students who have been absent will be given the same number of days that they were absent to make up missed homework.

**If a student turns in homework after the due date, 10 points will be deducted for each late day**.

**Tests and Quizzes**

Dates of tests will be announced one week prior to the test and quizzes will be announced at least three days prior to the quiz; the dates of pop quizzes will not be announced. Students will have the opportunity to retake the tests and quizzes if they getting below **60 points.**

**The final grade will be the average of the first/test and the one which was retaken.**

**Study Guide;** Student will receive study guide for the test 5 days in advance. However, study guide is not exact questions. Teacher will go over the study guide with student before the test day.

**Absence and Make-up Work Procedures (TMSA Policy)**

Upon returning to school following an excused absence, it is the student's responsibility to contact the teacher to request make-up work. Students have the same amount of time they were absent to make up the work. After that time, the work is considered late, and is subject to school rules regarding late/missing homework and assignments. Tests must also be made up within that time frame. Assignments (including projects) that are due on a day the student is absent are due upon return to school. Please, avoid unnecessary absences!

**No late work, no extra credit if they don’t a have excused absence!!!!**

**Required Materials**

* 2-inch 3 ring binder
* Spiral notebook to keep in a binder
* Non-spiral composition book
* Ruler (must include both inches and centimeters)
* Scissors
* Calculator
* Pencils, pens, crayons, markers and erasers
* Pencil sharpener
* Glue

**Teacher-Parent Communication**

Parents are always welcome to communicate via;

* E-mail: ailbay@tmsacharter.org
* School Phone: (336) 621 00 61
* Conferences as needed
* Home visits (please visit the website to get more information: http://www.tmsacharter.org)
* <http://ailbay.weebly.com/>
* Remind ( Text Massage system )
* Class Dojo

**Powerschool will be used as student information system.**

**Please return last page of the syllabus for the first homework grade of this year.**

-The syllabus may be revised during the school year. When updated, the new syllabus will be sent home with your student. (I need this last page return this Friday)

**7th Grade SCIENCE Syllabus Contract**

