6th Grade Science Syllabus

Mary Orr Intermediate

Teacher Information:

Mrs. Schank

tammyschank@misdmail.org

817-299-5820

Conference Time: 1:00pm-1:40pm

Course Description:

Students will be conduction field and laboratory investigations in Physical Science, Earth Science and Life Science, and will be collecting and analyzing data using laboratory equipment. Technology will be used to support scientific investigations.

Text, Readings and Materials: STEMscopes instructional resources

Scope and Sequence:

Six Weeks Topic

First Six Weeks Lab Practices & Safety

 Density

 Periodic Table

 Metals, Non-Metals & Metalloids

 Chemical Changes

Second Six Weeks Energy Transformations

 Thermal Energy

 Energy Sources

Third Six Weeks Potential & Kinetic Energy

 Speed

 Forces

 Pulleys & Inclined Planes

Fourth Six Weeks \*Space Exploration

Celestial Objects

 Gravity

Fifth Six Weeks Layers of the Earth

 Tectonic Plates

 Classifying Rocks

 Mineral Properties

Sixth Six Weeks Prokaryotic & Eukaryotic Cells

 Taxonomy

 Ecosystems

 STEM Instruction

\* The history and future of space exploration will be taught prior to the team field trip to NASA- Space Center Houston. Solar System Properties will remain in the sixth six weeks grading period.

Homework: Homework will be assigned based on topic of study and as needed. Please make sure to check your student’s assignment book and team newsletter for information on homework.

Make up work and Missing assignments: The student is responsible for asking for make up work or missing assignments. Student and parents are encouraged to check the team newsletter for updates about class assignments that students might have missed.

Grading:

50% Daily Class Work/Homework

40% Test/Major Assignments

10% Homework

Late Work:

1 class day late: maximum 15 points reduced

2 class days late: maximum 30 points reduced

3 class days or more late: Teacher Discretion

Test Retakes:

In the event of a grade below 70 on a test, a student may choose to retake/correct the test for up to a 70% grade on the test. The decision to retake/correct is at the discretion of the student and should be initiated by the student. Test retakes will need to be arranged with the teacher and may result in the need to be completed prior to or after the school day. Students will be required to complete an “Error Analysis” including parent/guardian signature for corrected tests. Test retakes/corrections must be completed prior to the end of six weeks grading period.

CBAs:

Curriculum Based Assessments will be given the first week following the end of each six weeks. The CBA will count as a test grade.

Lab Safety/Health: Lab Safety is key concern when conducting investigations. Students/Parents will be required to read, sign and return a Safety Agreement. Students not following proper lab safety procedures will not participate in the lab and must complete an alternative assignment. Please let your teacher know of any allergies or special circumstances that might affect student participation in any lab experience.

Technology Resources:

Classes/students will utilize STEMscopes as an online resource for class. Students will be given login credentials. Please let your teacher know if there is an issue with access to this information.

Students Science Information:

Parents and students will be asked to fill out a student information form for science class. Please provide any information that might be relevant to any classroom activities.

Academic Dishonesty: Please refer to the Student Code of Conduct

Academic Support Services: Library, Student resources on Mary Orr Website.