6th Grade Science (Red Team)

Mrs. Gordon Email: Karen.Gordon@k12.sd.us

Phone: 696-4523 Web Page: kg058.k12.sd.us

Textbooks:

Glencoe Level Red Integrated Science

CD w/ audio available ….. plus …… Online Version: Access Code: B2BD01BCB1

Course Description:

Follows guidelines set by the South Dakota Science Standards. At MMS the science standards for middle school students are divided as such: 6th Grade (Physical Science), 7th Grade (Life Science), 8th Grade (Earth Science). The first unit is on the Nature of Science (scientific method), which is practiced and used in all of the other Physical Science units. Science process skills and ways that technology affects what scientists know and what they can do are incorporated into the curriculum.

Units taught are:

* Nature of Science and the Scientific Method (including metric measurement and a Science Expo)
* Water and Its Properties, Physical/Chemical Properties
* Fruitvale (a realistic, critical thinking unit integrating science/technology and community responsibility)
* Atomic Structure
* Energy
* Waves
* Force and Motion

New Science Standards:

3 Dimensions (Science and Engineering Practices/Crosscutting Concepts/Disciplinary Core Ideas)

Classroom Expectations:

\*The student is expected to treat the teacher and other students with respect at all times. Offensive language and hatefulness is not acceptable in this class. “Do the Right Thing”, and “Are you Living Above the Line” will be phrases heard in my room. Students know what is right and wrong and will be expected to act accordingly.

\*Students are expected to be in their seats and prepared for class when the bell rings. Being prepared for class means having all materials; books, pens, etc. out and ready.

\*Pay attention. Talking while the teacher is instructing or while other students are presenting will not be permitted. Listen the first time directions are given.

\*Students will participate in lab activities in a behaviorally appropriate way. Failure to do so will result in a failing grade for the lab, the student will sit out the rest of the lab period in the middle of the room and not participate in the lab; they will have to make arrangements for making up the lab at a later time.

Grading Plan:

Grades are based on the total point system. Each assignment is assigned a point value based on the difficulty and importance. Daily work is 10 to 20 points. Quizzes and larger assignments can range from 10 to 30 points. Tests are 35-40 points while larger projects and papers may weigh even heavier. There may be some completion grades for some practice assignments. This means if they complete the work and it’s at an acceptable level; then they receive the full point value for that assignment. A student’s final percent average is computed using total points received/total points for quarter.

Student Assignments: Reading assignments (from textbook or online or PPT) prior to discussion with a possible 5 point reading quiz, worksheets, lab assignments, projects (group and individual), quizzes and tests. How can you help? REWIND – Acronym for how we study for science tests. Or any other class for that matter. (See explanation below)

Philosophy of Teaching:

My goal as a teacher is to develop critical thinking skills and problem solving skills in my students. Science lends itself well to this end as we use the scientific method and problem solve in each and every unit throughout the year. Through science I want to foster a life-long love of learning in my students.

**Field Trip – Thursday, Sept. 17th (Please consider volunteering to help chaperone the field trip.) 8:15 – 2:15pm Sign up linked to my webpage. Kg058.k12.sd.us**

**R** – **R**e-read the chapter or reading reference materials.

**E** – **E**nd of chapter questions/section questions. (Use the book materials.)

**W** – **W**orksheets (Go through them again.)

**I** – **I**ncorrect answers/correct them. (Find out what you didn’t understand.)

**N** – **N**otes (Go through your notes again. Don’t memorize blanks, however.)

**D** – **D**o Know Vocabulary (Science is vocabulary heavy. Know it.)