**DSMS - 8th Grade Science**

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**Welcome to 8th grade Science!** Below is the content that all 8th graders will learn this year in science. The differentiation between On-level Science, Pre-AP Science and GT Science will be accomplished by method of delivery and/or acquisition of content, the pace and extension of the content, and by the differentiation of the student products expected.

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| **SEMESTER 1** | **SEMESTER 2** |
| Scientific Method | The Universe |
| Chemistry | Interpreting Maps / Plate Tectonics |
| Force, Motion, and Energy | Atmosphere, Oceans, and Weather |
| Sun – Moon – Earth Systems | Organisms and Environment |

**Textbook**

* Students will use an online textbook, McGraw-Hill Science Grade 8, it can be accessed through a web browser or free app (the app is recommended for use on tablets & phones)
* Textbook link may be found on my website.
* Access to online textbook to complete assignments is available in classrooms or CL&I in tutorials.

**Materials**

* Composition book, or interactive science notebook (ISN) for labs and notes
* BYOD—for academic use only

*Occasionally throughout the year, students will be asked to bring additional supplies for projects.*

**Grading**

**70% Summative** - TESTS, QUIZZES & SOME LABS/ACTIVITIES

Summative assignments are typically weighted as follows: unit tests (2 times), vocabulary quizzes (1 time). Students will be informed of the weighting when the assignment is made.

**30% Formative** - POP QUIZZES & DAILY WORK/HOMEWORK

**Retests**

 **Summative** – Students have the opportunity to retake summative quizzes and tests for a

maximum grade of a 70 after attending reteach during tutorials.

**Formative** – Students have no opportunity to correct formative work.

**Late Work**

**Summative**

* One-day window to turn in late work for a maximum grade of 70.
* After the one-day window, the grade will be a zero.

# Formative

# Two-day window to turn in late work for a maximum grade of 70.

# A zero will be recorded in Skyward for assignments that are late and then changed once the assignment is turned in.

# After the two-day window, the grade will be left a zero if not turned in.

**Homework**

Most work is done in the classroom.  However, if not finished, the student will need to complete the assignment in study hall or at home. It is also an expectation to study for quizzes and tests on a daily basis.

**Make Up Work for Absences**

For an excused absence, the student has one day for each day absent to make up the work.  NOTE: missed labs must be made up in Tutorials as soon as possible.

**Communication**

Classwork is posted each day within Google Classroom. Please check my website for general information and useful links.