INSTRUCTOR: Mrs. Luoto  
ROOM: 102  
Email: hluoto@eupschools.org  
School Phone: (906) 477-6313 ext.102  
Cell Phone: (906) 430-7010

COURSE DESCRIPTION
In this course students will further their understanding of the nature and practice of science (i.e. scientific method). Earth Science topics will include an overview of Earth systems and cycles and the movement of elements, compounds, and energy within and between the four component systems. Next students will study the solid Earth (geosphere) and fluid Earth (hydrology, oceans, climate, and weather). At the end of the course students will learn the position of the Earth in the universe and its evolution over time. This is a hands-on course that will incorporate inquiry, traditional classroom activities and technology.

CLASS GOAL
The goal is for each student to master the High School Content Expectations (HSCEs) for Earth Science and begin practicing the Next Generation Science Standards Science and Engineering Practices.

CURRICULUM
Students will use the textbook and other resources. Course materials, learning activities and assessments will be aligned to the Michigan HSCEs for High School Earth Science. The 8th Grade Science topics of instruction are:

Quarter 1: The Nature and Practice of Science, Earth Systems, Earth Cycles and Human Impacts  
Quarter 2: The Solid Earth  
Quarter 3: The Fluid Earth  
Quarter 4: The Earth in Space and Time

The HSCEs and curriculum topics for each unit can be reviewed at [http://www.eup.k12.mi.us/page/719](http://www.eup.k12.mi.us/page/719)

TEXTBOOK: Prentice Hall, Science Explorer: Earth Science

The condition of the texts will be determined and recorded when the books are given to the students per school policy. If the book is damaged when returned, the student will be charged as outlined in the Student Handbook.

TECHNOLOGY:
This course integrates technology into instruction and assessments. Students will need to bring their charged laptops and power cords to class EVERY day. Students will use their netbooks to view text, complete assignments, conduct research, complete projects, use Web 2.0 tools and to take online assessments. Cell phones are not allowed in the classroom.
MATERIALS
The following materials should be brought to class each day:

- Pencils w/erasers
- Highlighter
- 2” three-ring binder with folder
- Laptop & power cord
- Headphones or ear buds
- Completed assignments
- Filled water bottle (optional)

GRADING AND ASSESSMENT
Students will complete a guided reading worksheet and a review and reinforcement worksheet for each section. If students do not complete work in class, it is expected that they complete it during skills, their lunch period or at home. Students are encouraged to keep ALL assignments in a 3-ring binder which will be checked periodically. Graded assignments will include worksheets, quick assessments, quizzes, tests, labs, and projects. Note: Some assignments are for practice and will not be part of the student’s grade. Points will be assigned based on the length and type of assignment. Please refer to the Engadine Schools Student Handbook for the grading scale.

Example Grading
Quick Assessments – 5 pts
Quizzes - 10 pts
Projects – 50 pts
Unit Tests – 100 pts
Summative Tests (Quarterly Exams) – 100 pts (each weighted 10% of the semester grade)

PARENT COMMUNICATIONS/PROGRESS REPORTS
Progress reports will be given to students every Monday starting the second week of each marking period. Parents/guardians should review the report with their child. Please sign the report each week to indicate that you reviewed it. Signed progress reports that are returned on Tuesday will receive 2 extra credit points. Progress reports turned in from previous weeks or after Tuesday WILL NOT receive extra credit. Students/parents can check student progress daily in Illuminate. Note: It usually takes 24 hours for entered grades to show up in the parent/student portal.

LATE ASSIGNMENT POLICY/MAKE-UP WORK TIME LIMITS
All assignments will have a due date. Assignments and due dates will be posted on the white board.

Students will be allowed one day to make up work for every day of excused absence. It is the student’s responsibility to check the “What Did I Miss?” basket and their lab group regarding make-up work.

Students are expected to complete all assignments completely and on time. Late assignments are only accepted at the discretion of the teacher where the student is found to have special extenuating circumstances.

LAB SAFETY AND PROCEDURES
Students must follow all safety rules and procedures or they will be removed from the lab. Students and parents should both read the attached “Flinn Scientific’s Student Safety Contract” and return it to
me by the end of the first week of school. **Students will not be allowed to participate in lab activities without a signed contract.**

**CLASSROOM PROCEDURES**

Classroom and lab procedures will be practiced to ensure student safety and learning. Students will be instructed in behavior expectations using CHAMPS (C – Conversation, H – Help, A- Activity, M – Movement, P – Participation, S – Success) for different classroom activities. A CHAMPS poster will be posted in the classroom.

**Tardiness**

Students are expected to be in their seats and working on the class starter activity when the bell rings. Students that enter the classroom after the bell, should enter quietly, make an entry in the Tardy Record, quietly take their seat and begin working on the Class Starter. Please refer to the student handbook for the school tardy policy and discipline.

**Passes**

Students should take care of personal business and fill their water bottles during passing time whenever possible. Students may use a pass only with teacher permission. Students will record their name, destination and time in/out in the record log and return the lanyard to its proper place upon return to the classroom.

**Food/Drinks**

Students may bring a filled water bottle to class. Note: Eating/drinking/chewing gum during science lab is prohibited due to safety reasons unless the teacher specifically tells students that it is allowed as part of the lab activity.

**GUIDELINES FOR SUCCESS**

- Always try
- Do your best
- Ask questions

**CLASSROOM EXPECTATIONS**

- Follow CHAMPS
- Arrive on time with all of your materials
- Listen/be silent during teacher instruction
- Stay on task and work from bell to bell
- Use technology appropriately
- Follow all lab safety rules and procedures

**CONSEQUENCES for INAPPROPRIATE BEHAVIOR**

- Step 1: The student will be given a verbal clue to discontinue the inappropriate behavior and/or will be redirected.
- Step 2: The student will be given a STOP card as a visual reminder to stop the behavior and asked to complete a reflection.
- Step 3: If the behavior continues or the student does not complete the reflection, then the student will earn a referral to the office.

*Students will be given an office referral if the behavior is chronic or violates the student code of conduct.*
Parent/Guardian Notification

Parent(s)/Guardian(s),

Please discuss this syllabus and “Flinn Scientific’s Student Safety Contract” with your child. Contact me if you have any questions or concerns at 477-6313 ext. 102 or hluoto@eupschools.org.

Sign below to indicate that you understand the course expectations and return this form and “Flinn Scientific’s Student Safety Contract” to me by Friday, September 11th for 5 pts.

You may keep the syllabus for your reference or the student may place it in their binder.

Thank you! I am excited to share my love of science with your student. – Mrs. Luoto

Parent/Guardian Signature:______________________________________________________________

Student Signature:______________________________________________________________

Date: ________________

Parent(s)/Guardian(s) Contact Preferences

Student: ________________________________________________________________

Parent(s)/Guardian(s): _________________________________________________________

I prefer to be contacted by:

☐ Email: ________________________________________________________________

☐ Phone: ________________________________________________________________

☐ Text message: ___________________________________________________________