**Grade 8 Advanced Science**

Ms. Doty

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**Topics**

 The science topics we will address this year are a combination of what is taught in 8th grade general science and 9th grade environmental science. Please see the separate sheet for specific topics and how long we will be spending on them. Lab experiments and projects will be the focus of the course, along with doing research and presentations. We will also include a “Science Matters” book to read, discuss, and investigate over the year. We will have performance assessments that are aligned with the Connecticut Science Standards, Common Core Standards, Next Gen. Science, and STEM, which will better prepare students for the CMT, CAPT, a mid-term test, a final test, and for post high school readiness. At the completion of this year, students will have successfully completed the Har Bur Grade 8 General Science course and the Level 1 Grade 9 Environmental Earth Science course. This will give students the opportunity to take Level 1 Biology in 9th grade which will enable students to take additional Advanced Placement science courses in his or her junior and senior years at Lewis Mills.

Grade Weights will be approximately:

 Homework 5%

 Projects 30%

 Activities/Labs 25%

 Tests/Quizzes 40%

**Homework**

 When given, homework is expected to be completed and then discussed and reviewed in class the next meeting. Student questions and concerns related to the homework should be also addressed in class. Lab write-ups will also be expected to be done at home. Lab format and expectations will be discussed in class. Homework projects will be assigned with ample amount of time to successfully complete them.

**Behavior Expectations**

 Students should be respectful of the teacher and of others. Students are also expected to keep up and do his or her best. If a student starts to “slip” a little with work, I will address this on an individual basis with the student and hopefully help get things back on track. I will also notifiy parents if we have any areas of concern.

I’m so excited to see those of you I have had in the past and excited to meet those of you who haven’t! I look forward to the exciting, fun, and interesting school year ahead!

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Student Signature Date

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Parent Signature Date