

# WHEELER HIGH SCHOOL COURSE EXPECTATIONS

*Earth & Space Science 2018-19*  
(Formerly Integrated Science)

*All Levels*

*Mr. Shugrue Room 206*

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## *I. Course Overview:*

An interdisciplinary approach to the study of science emphasis on the following concepts is offered: Space, Stellar evolution, Earth's place in the universe, Earth's formation, development of Earth's systems and human interactions, sustainability concepts & practices. Topics in physical, chemical and life sciences will be reviewed and reinforced. Comprehensive assessment and application of these concepts will ensure students of a better understanding of the world they live in. Laboratory experimentation and group activities are an integral part of the course.

## *II. Overall Course Objectives (from curriculum):*

Developing scientific and engineering practices  
To understand space systems and Earth's place in the universe  
To understand the history of the planet  
To understand Earth system  
To understand weather and climate  
To understand human sustainability

## *III. Text*

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## *IV. Material Required:*

- Three-ring binder
- Spiral bound note pad OR loose leaf for notes
- Pen and pencil

## *V. Class/Behavior Expectations:*

### **Expectations:**

- **Always be on time and ready to learn.**
  - What does this mean?
  - ➔ You have all your materials with you each day.
  - ➔ On time and on point for each class.
    - 1<sup>st</sup> time your late – warning
    - 2<sup>nd</sup> time – break detention
    - 3<sup>rd</sup> time - After school detention, and the loss of 1 point from your quarter participation average.
  - ➔ Homework is passed in at the **beginning** of class. (More HW details below.)
  - ➔ **Respect** is demonstrated and shared between students and teacher alike. This means we raise our hands as we create discussion; we listen to others, and do not criticize our classmates.



**The use of technology** (iPods, phones, laptops) is **prohibited** in this classroom *unless* directed by the instructor. All technology should be kept in lockers or backpacks. If used without permission, the technology will be confiscated and kept until the end of the period. Multiple offenses *will* result in teacher detentions and/or office blue slips.

- Missed class & missed assignments are **YOUR** responsibility to:
  - Find out what was missed in class.
  - What the homework assignment was.
  - Schedule time for extra help or clarification if need be.
- Plagiarism is simply unacceptable and will result in a zero for the assignment – bottom line don't do it, be honest. This is a school wide rule. For more information: BOE Policy #5143, see pg. #4 in your planner.
- Lavatory and H<sub>2</sub>O fountain should not be abused

### **Lab Expectations & Participation:**

- Food and drink are off limits the day of a lab.
- Specific instructions will be given the day of the lab.
- Designated safety equipment is to be worn throughout the duration of the lab – no exceptions.
- Manage your lab space and keep things neat; the lab runs smoother, your results will be more accurate *and* clean up is much easier.
- If materials are spilled or glass is broken, inform others to avoid injury and stay away. Contact the teacher immediately – Do not attempt to clean up until advised.

### **Tips for Success:**

- Don't be afraid to work hard.
- Small failures along the way is a good thing!
- Be patient with yourself and others.
- Be comfortable with trying a second time
- If at any point you find yourself struggling to keep up and/or understand the material → do not hesitate to contact me to set up some time for extra help. The course material will build upon itself; small issues in September/October will become much larger by February/March.
- Be an **active participant** in the classroom. Our class will be discussion based, and your contributions are important in developing a rich learning environment.
  - a. Tune in & listen to what other people have say.
  - b. Be willing to ask questions.
  - c. Stop → Think → and Respond in a thoughtful & courteous manner.

## **VI. Attendance Policy (BOE Policy #5113) – as stated in handbook:**

The North Stonington Public Schools believes that regular school attendance is essential for an effective and productive learning experience. The sequential presentation of school learning requires a continuity of instruction.

The maximum benefits for each individual child can be achieved only from participation and interaction in daily activity. In addition to instruction, other learning processes take place each day that are vital to a student's overall emotional and social growth. Time lost in school is irretrievable in terms of instructional opportunity and social interaction.

The primary responsibility for adherence to regular attendance rests with the student's parents/guardians and the individual student. The Connecticut General Statutes requires students over five and under eighteen years of age to attend school on a regular basis. Appropriate legal action will be taken against parents/guardians whose children fail to abide by the Connecticut Compulsory Attendance Law.

A student is considered to be "in attendance" if present at their school, or an activity sponsored by the school (i.e., field trip), for at least half of the scheduled school day. Any student in school for less than half of the scheduled school day will be considered absent. A student who is serving an out-of-school suspension or expulsion will be considered absent.

### **Excused Absence**

The Board believes a student should not be absent from school without the parents' knowledge and consent, therefore verification of an absence should be in writing by a parent or guardian. The first nine (9) absences will be considered excused if a parent approves the absence and if it is properly documented with a signed note from a parent or a notation is made in the student's attendance record by a school official who received either a verbal or electronic communication from the parent. Family vacations are discouraged during the school year.

## VII. Grading Policy :

### Quarterly grades

- **Content performance → 80%**
  - Includes: Homework, Class work, Projects, Tests/quizzes, Notebook, Lab activities & reports.
  - **Assignment of point values** will be determined using a point based system; the effort and time required to complete the assignment will decipher its point value.
  - **Homework assignments are due at the beginning of class.**  
What does this mean? If you need to run to your locker, print it off in the library, retrieve it from the office, or happen to find it in your bag by the end of class, etc.
    - IF a pattern emerges consisting (but not limited to) any of the aforementioned situations **your HW will be considered late.**
  - **Late assignments** will be accepted 3 days after the due date for the majority of possible points
    - Example #1: Your lab is due Monday, Sept. 9<sup>th</sup> - the last day it will be accepted is Thursday, Sept. 12<sup>th</sup>.
    - Each day an assignment is late 10% will be deducted from the assignments final grade.
    - I ALWAYS ACCEPT HOMEWORK ASSIGNMENT! After 1 week they are worth a maximum of 50% the initial point value. *Check out what a “0%” will do to your grade VS a 50%.*
  - **Tests and Quizzes**
    - Tests are given at the end of a unit and are announced a week beforehand. Make-up tests are for excused absences *only*.
    - Projects will also be announced and will be equivalent to a test grade
    - Quizzes may be given about halfway through the unit – announced or unannounced.
- **Participation → 20%**
  - Includes but is not limited to: Class and lab participation meaning your mental & physical involvement carried out in a thoughtful and respectful manner. Participate in class discussions, meeting class expectations, assisting other students in class activities, preparation for class. (RUBRIC ATTACHED)
- **Semester 1** grades will be weighted as follows:
  - Quarter 1 grade: 40%, Quarter 2 grade: 40%, Midterm Exam: 20%.
- **Semester 2** grades will be weighted as follows:
  - Quarter 3 grade: 40%, Quarter 4 grade: 40%, Final Exam: 20%.
- **Final grades** will give equal weight to Semester 1 and Semester 2. It is this grade that determines whether or not you earn credit for the course.

## VIII. Final Assessment Policy

For one credit or half-credit full year courses, *course assessments* (exams/activity) are given at the conclusion of each semester, a mid-term and a final. For half-credit courses, a *course assessment* (exam/activity) will be given at the end of the semester. All *course assessments*, except in selected classes, are one and one-half hours in length. All students must arrive on time and remain in class for the full duration of the period. Students taking the AP test will not be required to sit for a final exam. **Seniors are exempt from taking a final course assessment, in any course where the students have at least a 90 average.** Physical Education classes will not be required to give an exam, but there will be a health exam which could be given earlier. Normally, no excuse for missing a *course assessment* other than illness will be accepted. The principal must give such permission. In cases where an absence is unexcused, a "0" will be recorded for the grade, and no course credit will be given if it is the *final course assessment*.

## IX. Academic Integrity Statement

The faculty and administration of Wheeler Middle/High School demand high standards of academic performance and academic honesty. Anything less would jeopardize quality education and allow our students to deny themselves needed skills and knowledge. For this reason students who cheat on their assigned work, reports, research papers, quizzes, tests or examination risk prompt and punitive action by both their teacher and the school.

IV. *Teacher Availability for Extra Help (Day and Time):*

P1 –	PLAN	Rm. 206
P2 –	Earth Space Science	Rm. 206
P3 –	Earth Space Science	Rm. 206
P4 –	Earth Space Science	Rm. 206
P5 –	Agriscience	Rm. 206
P6 –	Earth Space Science	Rm. 206
P7 –	SSC	Rm. 206

X. *Wheeler High School Academic Expectations met by this course:*

**Analysis**

**Wheeler: Analysis**

Performance Indicators	Descriptor	Exceeding (4)	Attaining (3)	Emerging (2)	Beginning (1)
Usage of Resources	<i>Able to select a variety of appropriate resources/strategies to use to arrive at a solution for a question, task or problem</i>				
Application and Analysis	<i>Analyzes key information, questions/tasks and problems, and makes inferences based on background knowledge, observations and/or information to arrive at a solution</i>				
Organization and Evaluation	<i>Evaluates according to a given set of criteria and collects, organizes and communicates information in an appropriate format</i>				
Synthesis and Reflection	<i>Evaluates process and validity of results to create new ideas and/or draws appropriate conclusions based upon knowledge and experiences from several areas</i>				
Utilization of Technology (if applicable)	<i>Demonstrates an appropriate use of technology to address an objective or task when applicable</i>				

<b>Exceeding</b>	Went above and beyond the expectation	Work was completed independently	Y N
<b>Attaining</b>	Met the expectation		
<b>Emerging</b>	Approaching the expectation	Assessment at grade level	Y N
<b>Beginning</b>	Expectation yet to be attained		

# Rubric – Participation in class 5 point scale

Integrated Science 2017-18

5 – points
<ul style="list-style-type: none"><li>• On time, has all materials needed for learning and note book is open to an appropriate place for taking notes.</li><li>• When class begins, paying attention to teacher.</li><li>• Contributing to the class with thoughtful, insightful questions, responses, while in whole class, group, or individual work.</li><li>• Head is up and no distractions are evident (phones, ipods etc.) for the <b>ENTIRE</b> duration of class.</li><li>• No distracting behavior or signs of listlessness.</li><li>• Listening intently to class discussion.</li><li>• All classwork is done to a high degree.</li><li>• Recognize and demonstrate the value of other people’s opinions.</li></ul>
4 – points
<ul style="list-style-type: none"><li>• On time and has all materials needed for learning.</li><li>• Notebook is open, but may not be in an appropriate place for learning.</li><li>• When class begins, paying attention to teacher.</li><li>• Contributing to the class with questions, responses, while in whole class, group, or individual work.</li><li>• Head is up and no distractions are evident (phones, ipods etc.).</li><li>• Little distracting behavior</li><li>• Listening to the conversations and taking notes but may need to be prompted.</li></ul>
3 – points
<ul style="list-style-type: none"><li>• On time has all materials needed for learning but does not have materials open for learning.</li><li>• When class begins, may not be fully paying attention to teacher.</li><li>• Contributes to class discussion only when forced to.</li><li>• Contributions may be surface or obvious.</li><li>• Some distraction or lack of attention is noted.</li><li>• Calls out and/or creates conversation not related to class discussion/material.</li><li>• Some distracting behavior or signs of complete boredom. <i>Periodically</i> accesses (Cell phones, ipod, etc.)</li><li>• Sometimes listening to conversations and taking notes, mostly when forced.</li><li>• Sometimes recognize other people’s opinions.</li></ul>
2 – points
<ul style="list-style-type: none"><li>• Not on time, has some materials needed for learning but does not have materials open for learning.</li><li>• When class begins, needs to be asked to pay attention.</li><li>• Little contribution to class, mostly surface or obvious answers.</li><li>• Demonstrates little desire to be in class and act as a thinking adult.</li><li>• Laziness is evident / choosing not to be an engaged learner</li><li>• Little if any notes are taken, and if so seem to have no organizational pattern.</li><li>• Little classwork expectations are met.</li><li>• Little recognition of other people’s opinions.</li></ul>
1 – None of the objectives are met.
0 – Same as 1
<ul style="list-style-type: none"><li>• Exhibits behaviors that are distracting to others. (calling out, joking around, holding sideline conversations)</li><li>• Is disrespectful to other students, or the teacher.</li></ul>