



Delmar School District Course Syllabus & Outline

Faculty: Cortney Kline

Course Title: Science

Grade Level: 8

Method of Contacting Teacher:

Preparation Period: 10:44 am – 11:25 am

Phone: 302-846-9544

E-mail: cortney.kline@delmar.k12.de.us

Course Description

Eighth grade science uses a hands-on, inquiry-based approach to teaching scientific processes and content utilizing labs, activities, and experimental design methodology. The course material is based on the Next Generation Science Standards. These standards include the study of Energy Transfer, Waves and Electromagnetic Radiation, Matter and Energy in Organisms and Ecosystems, Weather and Climate, and Human Impacts.

Course Rationale/Objectives

Currently, scientific literacy is increasingly important for three main reasons: to continue to make advancements that ethically improve society, to make informed decisions in our daily lives, and simply to experience the satisfaction that comes with understanding and learning about the natural world. An understanding of science is essential for students to meet the demands of an increasingly complex and technologically advanced world.

Major Learning Goals/Standards

The learning goals and standards are based on the Next Generation Science Standards. Please visit the following link to see the specific standards and outcomes for eighth grade science.

<https://www.doe.k12.de.us/Page/2530>

Primary Textbook

Bring Science Alive- Waves, Teachers Curriculum Institute, 2017

Bring Science Alive- Weather and Climate, Teachers Curriculum Institute, 2017

Bring Science Alive- Ecosystems, Teachers Curriculum Institute, 2017

Additional supplemental readings and handouts will be provided for each unit of study.

Learning Activities:

Students will . . .

- A. Practice organizational skills by maintaining an organized class notebook and binder.
- B. Be able to read, understand, and interpret scientific literature.
- C. Participate in inquiry-based laboratory investigations.
- D. Work with emerging technology and begin to develop and practice engineering skills & techniques.

Teaching Methods:

Experimentation, cooperative learning activities, presentations and reports will be used in addition to traditional objective assessments. Foldables, technology, notes, organizers, class discussions, power points, demonstrations, and multimedia will be used to enhance direct instruction.

Homework Policy:

All assignments are due at the beginning of class. Homework assignments not turned in at the beginning of class will be considered late and will be penalized. Homework turned in late will be penalized accordingly. Any assignment that is not attempted or turned in will receive a ZERO. If a student is absent when the assignment is due, they must turn it in the next day the student is present for full credit.

Assignments, projects, expectations:

There will be various types of assignments and projects assigned to students throughout the school year. As students are given assignments the following is expected:

- Students must keep an organized binder and lab journal and should come to class prepared to learn.
- Students are expected to complete all assignments on time. Late work will be penalized and assignments more than four weeks late will not be accepted for credit (a zero will be assigned).
- Students are expected to complete all absentee work within the designated time period established by the teacher upon arrival back to school. It is the student's responsibility to retrieve absentee work and schedule a time to review material that was missed with the teacher.
- Students are expected to study before tests and quizzes using study guides and resources from class that are found in their binder.
- Students are expected to abide by the school guidelines as outlined in the student handbook.
- Students are expected to work cooperatively with others in the classroom respecting the opinions and ideas of others even if they are different than their own.
- Students are expected to abide by classroom policies.

Grading, Assessment, and Evaluation Procedures:

Marking period grades are calculated using total points. Assignments will consist of warm-ups, classwork, homework, laboratory reports/activities, tests, projects, culminating performance tasks, and quizzes. Assignments are modified and accommodated as necessary. Averages of the first and second marking period are used to determine the first semester average, the third and fourth marking periods are used to determine the second semester average. Final grades are based on the average of the first and second semester grades.

Delmar Middle & High School Grading Scale

Grade	Percent	Grade	Percent	Grade	Percent	Grade	Percent
A+	98 – 100	B+	89 – 91	C+	80 – 82	D+	71 – 73
A	95 – 97	B	86 – 88	C	77 – 79	D	68 – 70
A -	92 – 94	B-	83 – 85	C-	74 – 76	D-	65 – 67
						F	Below 65

Supplies needed for class each day:

Composition or Spiral Notebook
1 1/2 inch binder

Pens, Pencils, Paper, Glue sticks
5 tab dividers

Please return this form to Mrs. Kline completed.

I acknowledge that I have received, reviewed, and understand the class syllabus and classroom policies.

_____	_____
Student Name (Printed)	Student Signature
_____	_____

Parent/Guardian Name (Printed)	Parent/Guardian Signature
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Parent/Guardian Contact Information

Parent/Guardian Name: _____

Cell Phone Number _____ **Email Address** _____

Preferred Contact Method: **Text** **Email** **Phone**

Parent/Guardian Name: _____

Cell Phone Number _____ **Email Address** _____

Preferred Contact Method: **Text** **Email** **Phone**

Please note, at times, it is not always possible to use the preferred contact method.

In the space below, please include any additional information you would like me to know about your child.

