

Ocean Lakes High School
Classroom Expectations 2017-2018
Chemistry ~ Mrs. Shoemaker

COURSE DESCRIPTION:

Chemistry is the study of the structure, composition, properties, and reactions of matter. Laboratory investigations are the primary means for developing problem-solving skills and for developing the major concepts and principles of chemistry. Chemistry provides students with a solid foundation for future study and with an understanding and appreciation for the nature of chemistry, the work of chemists, and the interactions of science, technology, and society. **Students will take the Standards of Learning (SOL) test for Chemistry.** SOL Chemistry EOC test will take place in the spring of 2018.

COURSE GOALS:

- Develop a foundation of chemical concepts and principles for understanding the structure and properties of matter and for understanding the interrelationships among the basic concepts of modern chemistry
- Develop investigative skills in order to solve real problems
- Apply the processes of rational thought to make responsible decisions about issues resulting from the interactions of science, technology, and society
- Explore the application of chemical principles in modern life, in careers, and in other areas of interest

INSTRUCTIONAL OBJECTIVES/OUTLINE:

- Investigate and understand that experiments in which variables are measured, analyzed, and evaluated produce observations and verifiable data.
- Investigate and understand that the placement of elements on the periodic table is a function of their atomic structure.
- Investigate and understand how conservation of energy and matter is expressed in chemical formulas and balanced equations.
- Investigate and understand that chemical quantities are based on molar relationships.
- Investigate and understand that the phases of matter are explained by kinetic theory and forces of attraction between particles.
- Investigate and understand how basic chemical properties relate to organic chemistry and biochemistry.

PREREQUISITE:

Algebra II (may be taken concurrently)

MATERIALS:

Large three ring binder and dividers or Spiral notebook and folder Paper, pencil, pen, glue stick and highlighters
Scientific calculator (TI 30x or higher) Text: Modern Chemistry
Internet access (see technology section)

GRADING POLICY:

Grading for chemistry will be calculated on a total points system. Each graded item will be assigned a number of points possible based on the amount of work required to complete the item.

- Tests are generally 100 - 200 points.
- Projects are generally 100 points.
- Quizzes range from 5-60 points.
- Labs range from 20-50 points.
- Homework will be given on a daily basis and is expected to be complete on the date due. Homework is evaluated at 5-10 points per assignment and points will be deducted for incomplete portions. Homework that is not completed by the due date can be made up afterschool or in the students "It's Academic" block.

VIRGINIA BEACH SCHOOLS GRADING SCALE:

Grade Range	Letter Grade	Points	Grade Range	Letter Grade	Points
93 - 100	A	4.0	73-76	C	2.0
90 - 92	A-	- 3.7	70 - 72	C-	1.7
87 - 89	B+	+ 3.3	67- 69	D+	1.3
83 - 86	B	3.0	64 - 66	D	1.0
80 - 82	B-	- 2.7	Below 64	E	0.0
77 - 79	C+	2.3			

CLASSROOM PROCEDURE:

- Students are expected to be in their seat ready to go over homework when the start of class bell rings.
- Students are expected to remain in their seats until dismissed by the teacher.
- Standard lab safety guidelines are to be followed at all times.
- Food and drink are not allowed in the classroom.
- Students are expected to arrive to class on time; the school tardy policy will be followed.
- Students are expected to follow the school BYOD rules.

HALL PASS POLICY:

- Students will not be permitted to leave class for any reason other than to use the restroom or visit the clinic.
- It is the student's responsibility to know when is an appropriate time to leave the classroom for a trip to the restroom, and appropriately sign in/out on the hall pass clip board.
- The class will adhere to **the school-wide "Take Five" rule**. Students will not be permitted to leave the classroom the first and last five minutes of class unless it is an emergency.
- Students are NOT permitted to use their cell phones in the hallway during class time..

ATTENDANCE & MAKE-UP WORK:

(VBCPS Policy) Any student who misses more than six class periods will receive a 63/N or the average he or she has earned if it is lower than 63. Attendance will be taken within the first 15 minutes of each class. If you are not present, you will be counted as absent.

Our class strictly adheres to the OLHS tardy policy. All students who arrive to class without a pass will be sent to the tardy window. Any student who misses more than 15 minutes of a class will be counted absent for that day.

- Students are expected to make an effort to be in class everyday.
- If absent from class, **it is the student's responsibility** to obtain missed notes.
- Tests and quizzes that are missed **must** be scheduled to be completed within three days and may only be made up during study blocks or after school.

HONOR CODE:

The Honor Code of Ocean Lakes High School embraces the concepts of personal integrity and mutual respect and is the school's acknowledgment of the importance of excellence in all educational endeavors. Knowledge without ethics is both useless and dangerous, and it is the desire of the Ocean Lakes community to ensure that its students understand the importance of having the two work in conjunction with each other. The code is designed to address academic misconduct, and its penalties, are therefore, academic in nature.

"I have neither given nor received unauthorized help on this assignment and pledge to uphold the Ocean Lakes High School Honor Code." – Honor Pledge

TECHNOLOGY – FOR PARENTS AND STUDENTS:

Parent Portal & Student Portal: Parents can view student grades by signing up for Parent Portal. Students can access their grades via Student Portal. If you have not already done so, please make sure your family is signed up for access to Parent or Student Portal so you will have the ability to keep track of your grades.

Students must become familiar with **Google Classroom, Remind** and **zadosci.com** where assignments and announcements will often be posted.

Some homework assignments and projects will require the use of a computer. If one is not available at home, students can use a computer at school during It's Academic or after school in the LMC

EXTRA HELP:

Students are encouraged to seek additional help outside of the classroom as needed. Help will be available in room 220 after school on Tuesday, Wednesday and Thursday. I will also be available through email at babette.shoemaker@vbschools.com, students are encouraged to email me questions on homework or any material they may be studying. Please use the following schedule to locate me during the day or to make an appointment for after school.

1A	Analytical Chem/Microbiology	Rm 220	1B	General Chemistry	Rm 232
2A	Analytical Chem/Microbiology	Rm 220	2B	PLC/Planning	Rm 232
3A	Senior Research	Rm 220	3B	General Chemistry	Rm 232
4A	Planning	Sci.Office	4B	General Chemistry	Rm 232

I am excited about the year ahead and look forward to working with the students. I am here to see them succeed and I know if we all work together we can accomplish this!

Student's name: _____ Block: _____

Thank you,

Parent/Guardian Signature: _____

This sheet needs to be placed in the front of your notebook and kept there at all times.

Mrs. Shoemaker