

7th Grade Life Science

Miss Oshan

Welcome back students and welcome to the study of Life Science! This year will both exciting and informative. I will be introducing you to the major concepts of biology while also developing your critical thinking skills. We will be doing many interesting labs and experiments where you will have the chance to experience many scientific concepts for yourselves. You will develop the skills that will allow you to analyze information and come to conclusions based on what you know and have learned.

Below are some of the details of the course you need to know. Please review the following topics at home with a parent/guardian. After review please ask your parent/guardian to sign and return to me.

Course Objectives

1. To gain an understanding of the scientific processes behind living things.
2. Learn to analyze and think critically.
3. To understand that science is a constantly changing field.
4. To develop an appreciation for science that lasts a lifetime.

Classroom/Student Expectations

1. Respect! Respect! Respect!
2. Raise your hand ANY time you have a question/comment.
3. Ask when you do not understand – either during or after class.
4. BE ON TIME – lateness is a disruption to the teacher and students.
5. Come prepared – pen, pencil, paper, due homework
6. Cell phones are to be off and out of sight.
7. No eating in the classroom.
8. Cheating of any kind will not be tolerated.

Teacher Expectations

1. I will be fair and grade all assignments in a timely manner.
2. I will contact parents when necessary and work with them to determine the best way to obtain the desired education goals for their child.
3. I will do my best to convey the scientific concepts in a manor which is understandable, exciting and relative to students' lives.

Materials

1. 3 ring-binder for all handouts
2. a folder in the binder
3. pens/pencils – optional – colored pens for better note taking organization
4. a place to take notes – this can be either filler paper in your binder or you may have a separate notebook used ONLY for science

Grades

Your quarterly grades will be determined by your performance on homework assignments, lab reports, projects, papers, quizzes, and tests. Each one of the above mentioned assessments will be given a point value and at the end of the quarter your

grade will be determined by dividing the amount of points you earned by the amount of you could have attained. For example, if you earn 300 points out of a possible 400 your average would be $300/400$ or 75%. This 75% would then be converted into a letter grade of a C. Points will assigned accordingly, for example a homework may be worth 5 points where a quiz would be worth 20 points and test worth 60 points. Extra credit assignments are given throughout the quarter as well as at the end of a quarter.

Textbooks

You will be given a textbook that you will return at the end of the year. Take it home and leave it home. You will have homework assignments that will come from it.

Teacher email: eoshan@csh.k12.ny.us

I have read and understand the policies of this class.

Student _____

Parent/Guardian _____

Topics of Study

- I. Introduction to Life Science
- II. Laboratory Skills
- III. Cells – Structure, Processes, Reproduction
- IV. Body Systems
- V. Genetics
- VI. Evolution
- VII. Plants – Structure, Processes
- VIII. Life and the Environment - Ecology