

Welcome to Living Environment Class!!

For the students who aren't "science oriented", if you come to class, work hard, there shouldn't be any reason you can't pass. For the "science experienced", we will challenge your scientific knowledge. We will delve into the world of living and non living things, see how they are all connected together, and how other avenues of science are interconnected.

I am available usually early in the mornings and at lunch for extra help, makeup exams and questions answered. I can stay late by appointment only and need two days notice.

We will be using [discoveryeducation.com](http://discoveryeducation.com) website and the Ibook : E. O. Wilson's [Live on Earth.](#) If you don't have internet access, don't worry. You will have access during class to these websites.

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Week	Topic	Book Chapter	HW	Quizzes and Tests
1-2	Scientific Inquiry	Book 1 chapter 1	finishing handouts started in class	Quiz end of 2nd week
3-4	Science Math	Handouts and notes	Metric system graphing exponents scientific notation	quiz end of 4th week
5-6	Chemistry	Book 1, chapter 2	balancing equations Periodic chart acids/bases/ fermentation PH Atoms elements compounds Organic chemistry Enzymes	Project on Periodic chart
13-14	Plant Diversity	Book 6, ch. 29	Handouts	TBD
15-16	Plant physiology	Book 5	Handouts	TBD
17-18	Animal cell: structure, metabolism	Book 2,	Handouts	TBD

27-28	Mitosis	Book 3	Handouts	TBD
29-30	Meiosis	Book 3	Handouts	TBD

31-32	Human Reproduction	Book 4	Handouts	TBD
33-37	Final Projects			
38-43	Review for Regents		Handouts	

Skedula is a great resource for students and parents to check attendance and grades. If you need help logging in, just ask. Also, homework is posted on the website each day, **if you lose your handouts, don't ask me for another!!!! Go online yourself and print it!**

The classroom should be an inclusive and respectful place FOR ALL STUDENTS! BULLYING WILL NOT BE TOLERATED IN THE CLASSROOM. Please act appropriately at all times.

There will be **at least one** project before the winter break (Nov-Dec) or a midterm, we will discuss beforehand.

**There will be a project or a final (April-May).**

Some of you will take the NYS Regents, I will test prep students end of May-June for the exam, while the rest of the class is getting their projects ready. The final projects will have a 10 minute oral presentation attached to it.

# Ms. Katz

Spring 2020

Living Environment  
**B Band**

**Any questions or concerns, please don't hesitate to ask!!!**

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Learning Objectives we will be working on throughout the year:

LO1: Students will use mathematical analysis, scientific inquiry, and engineering design, as appropriate, to pose questions, seek answers, and develop solutions.

LO2: Beyond the use of reasoning and consensus, scientific inquiry involves the testing of proposed explanations involving the use of conventional techniques and procedures and usually requiring considerable ingenuity.

LO3: The observations made while testing proposed explanations, when analyzed using conventional and invented methods, provide new insights into natural phenomena.