

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.

Week	Topic	Book Chapter	HW	Quizzes and Tests
1-2	Scientific Inquiry	Book 1 chapter 1	Handouts	TBD
3-4	Science Math	Handouts and notes	Handouts	TBD
5-6	Chemistry	Book 1, chapter 2	Handouts	TBD
7-8	Organization and Patterns of Life	Book 6, Chapter	Handouts	TBD
9-10	Prokaryotes/ Eukaryotes	Book 6, ch. 25	Handouts	TBD
11-12	Viruses, Protists, Fungi	Book 6, Ch. 25,26,27, 28	Handouts	TBD

Week	Topic	Book Chapter	HW	Quizzes and Tests
13-14	Worms, sponges to invertebrate Chordates,	Book 6, ch. 33	Handouts	TBD
15-16	Plant physiology	Book 5	Handouts	TBD
17-18	Animal cell: structure, metabolism	Book 2,	Handouts	TBD
19-20	Genetics	Book 3	Handouts	TBD

21-22	Homeostasis in the human body	Book 4	Handouts	TBD
23-24	Evolution	Book 1Chapter 4 then 3	Handouts	TBD
25-26	Ecology	Book 7	Handouts	TBD
27-28	Mitosis	Book 3	Handouts	TBD
29-30	Meiosis	Book 3	Handouts	TBD

Week	Topic	Chapter	Hw	Quizzes/ Tests
31-32	Human Reproduction	Book 4	Handouts	TBD

Learning Objectives:

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 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 5 oral presentation attached to it.

Any questions or concerns, please don't hesitate!!!

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.