

MANHATTAN HIGH SCHOOL/P.35M

317 West 52nd Street, New York, NY 10019

Telephone: (212) 247-4307

Fax: (212) 315-2814

MARTA BARNETT

Principal

Gavriel Berkovits & Cesar Ottey
Assistant Principals

Course Instructor: Ms. Phillips, Science Educator, B.S., MS Science Education

Course Name: Living Environment Semester 4

Email: TProutPhillips@schools.nyc.gov

Room: 406

The Living Environment Course Syllabus

Introduction:

Regents Biology is a core-based course which ends in a NYS Regents Living Environment Examination. **A minimum of 1200 minutes of hands-on laboratory experiences with satisfactory lab reports** are required above and beyond the classroom instructional seat time.

The Living Environment Core Curriculum is expected to prepare students to understand and apply scientific concept principles and theories pertaining to the living environment and recognize the historical development of ideas in science. To attain this, the core addresses seven key ideas: similarity and differences among living and non-living things; inheritance of genetic information; changes of species and organisms over time; the continuity of life; dynamic equilibrium that sustains life; interdependence of plants and animals and their environment. The topics listed below are explored in the 4th semester of the course.

Textbook : Life Science/Glencoe Science © 2008 McGraw-Hill Education

Course Outline:

Unit 4: Genetics and Biotechnology

Unit 5: Evolution

Unit 6: Scientific Inquiry

Unit 7: Ecology/Human Influences on the Environment

Goals and Objectives:

- 1. You will pass the regents examination.**
- 2. You will be able to make good observations when shown a demonstration or conducting an experiment.**
- 3. You will work effectively in small groups and alone.**

Laboratory Experiences

45 minutes of science lab experience weekly

Grading :

Homework	10%
Class Participation (classwork and attendance)	35%
Labs	25%
Tests	30%

Grade Scale :

A=	90-100
B=	80-89
C=	65-79
F=	below 65

Daily Expectations:

- **Attend class daily and on time**
- **Enter the classroom ready to begin work**
- **Get your notebook and pen/pencil from designated area. Sharpen your pencil if need to.**
- **Write down Aim, Date, Objectives and immediately begin the Do Now (can be answered in complete sentences instead of copying questions)**
- **Begin working on class activity immediately and complete tasks**
- **Remain in the classroom for the entire period**
- **Respect everyone. Communicate well using positive words and limit conversations to class-related topics**
- **When class is over return your notebook, pen/pencil and lab folder (if you have it) to the designated area**