

Monroe High School
164 Alexander Street
Rochester, New York 14607
585-232-1530

Teacher: Natasha Bell
Voice Mail Box: 3220
E-mail: Natasha. Bell@rcsdk12.org
Classroom/ Lab: Room 322 / 324

Living Environment Course Description:

Students will understand and apply scientific concepts, principles, and theories pertaining to the physical setting and living environment and recognize the historical development of ideas in biology.

Requirements to Succeed in the course:

- ☐ Meet or exceed the district's attendance requirements
- ☐ Study course material & complete assignments
- ☐ Pen / Pencil
- ☐ 2-inch 3 ring binder (for chemistry only)
- ☐ Loose leaf paper (at least 100 sheets)
- ☐ Scientific calculator

Grading System:

<u>LETTER GRADE</u>	<u>PERCENT RANGE</u>	<u>GRADE POINT AVERAGE (GPA)</u>
A+	95-100%	3.75-4.0
A	90-94%	3.50-3.74
B+	85-89%	3.25-3.49
B	80-84%	3.00-3.24
C+	75-79%	2.51-2.99
C	70-74%	2.00-2.50
D	65-69%	1.00-1.59
F	<65	<1.00

Marking period Grade

20%= Classwork
10%= Homework
20%= Completed Labwork and Lab Reports
20%= Quizzes
20%= Unit tests/Exams
10%= Mini- Projects/Paper

Final Grade

75% = Average of the marking period grades (summary grade)
25% = final exam grade

Homework Information: Students must turn in assignments when they are due. Some late assignments will not be accepted, and others will only be accepted with a written legal excuse if they meet the district's guidelines and policies for the completion of make-up work.

Title of textbook and other materials to be used:

Prentice Hall Biology

- Workbooks, CDs and websites related to the Living Environment curriculum

Other Important Information:

Regents' Science Lab requirements

All New York State Regents science courses have lab requirements that must be fulfilled before students are eligible for the final exam. **Students must participate in at least 1200 minutes of laboratory activities with satisfactory lab reports.** Students who do not meet the requirements cannot take the final exam, will automatically receive a grade of "F" and will not be eligible to take the course in summer school.

Course Timeline:

TOPICS	MAJOR UNDERSTANDINGS	NUMBER OF WEEKS	MONTHS
FIRST SEMESTER			
Inquiry Skills	1.1a – 1.1c, 1.2a – 1.2b, 1.3a – 1.3b, 1.4a, 2.2a, 2.3a – 2.3c, 3.1a, 3.4a – 3.4c, 3.5a – 3.5b	2 & Integrated	September
Characteristics of Living System	1.1a – 1.1f	2	September – October
Human Structure and Functions	1.2a – 1.2e	3	October
Cellular Organization	1.2f – 1.3a	3	November – December
Genetics and Heredity	2.1a – 2.1k	4	December – January
Genetic Engineering	2.1a – 2.2e	5	January
SECOND SEMESTER			
Variation Adaptation and Evolution	3.1a – 3.1c	3	February
Reproduction and Development	4.1a – 4.1h	3	March
Energy Pathways	5.1a – 5.1g	3	March – April
Diseases and Homeostasis	5.2a – 5.2j, 5.3a – 5.3b	3	April – May
Interdependence	6.1a – 6.1g, 6.2a – 6.2b, 6.3a-6.3c, 7.1a – 7.1c, 7.2a – 7.2c, 7.3 a – 7.3b	4	May – June