

## **Biology** **2014-2015**

**Syllabus** ( tentative) for : Mr. Drew Bentley  
School Phone number: bentled@mcgill-toolen.org

**Course Description:** This course is designed to introduce students to general biological concepts, The material will be presented in a format that is challenging and fast paced. By the end of the course, students will gain a new awareness of the life around them.

**Textbook(s):***Modern Biology* Holt, Rinehart, and Winston

**Supplemental Reading:** reading will be assigned as I see fit to the current topic in class and may be drawn from current periodicals or other literature that I deem necessary.

**Class Materials Required:** Students will be prepared for class everyday and the following is a list of items they will need:

Blue or black ink pen ( no red, pink, or purple inks will be allowed)  
Bound notebook with loose-leaf paper ( ringed is preferred)  
assigned textbook  
colored pencils  
flash drive

**Course Projects/ Requirements:** There are a variety of class work, homework, lab reports, quizzes, tests, and projects that will be assigned during each quarter. One extracurricular project may be assigned based on time and availability of opportunities during each quarter.

**Course Outline** ( tentative):

1<sup>st</sup> Semester

( special current events unit: Ebola)

I. Organic Chemistry

II. Microscopy

III. Cell

A. theory and history

B. organelle structure and function

C. respiration

D. reproduction

IV. DNA and protein synthesis

V. Genetics

VI. Evolution

2<sup>nd</sup> Semester

I. Taxonomy

II. Viruses & Bacteria

III. Botany

IV. Ecology

**School grading System:** refer to Academic Affairs in the student handbook

**Class Grading Procedures:** Quarter grades will be defined by no less than three major tests of 100pts, various lab reports, homework, vocabulary, special projects, and possible extra credit. Typical category weight for the grading period consists of 60% tests, 20% labs , 10% homework and participation, 10% projects and special.

**Homework, extra credit, special grades:** Vocabulary will be assigned weekly and will be taken up as early as 1 day after assigned. Extra credit assignments will be assigned as I see fit. Students who chronically fail to turn in homework assignments will forfeit any privileges for extra credit.

**School procedure for make-up/ Excused absences:** Refer to student handbook

