

FALL 2011 CAMBRIDGE BIOLOGY

FRESHMAN TEAM "N"

INSTRUCTOR:

Mr. D. Montialli
Room 313
Office Hours:

Tel (928) 502-5572
Email: dmontialli@yumaed.org
7:00– 7:30 and 2:30 – 3:15 P.M. (Mon-Fri)

COURSE TITLE:

Biology – The Dynamics of Life by Glencoe/McGraw-Hill
Cambridge -- Extra material
Internet access – To perform/access researching

COURSE DESCRIPTION:

Cambridge Biology (New for this year) consists of four major divisions, which includes 10 units. Those four divisions include 1) Cells and cell processes, 2) Animal Nutrition, 3) Plant Nutrition and Transport, 4) Respiration and the human transport system, 5) Coordination, Response, and Homeostasis, 6) Reproduction in plants, 7) Human reproduction, 8) Inheritance and evolution, 9) Organisms and the environment, and 10) Human influences on the environment. The course deviates from a strict micro – to macro format as was previously and seeks to integrate the two throughout the year.

MATERIALS AND SUPPLIES:

The student will be required to maintain a binder with supplies that include paper, pencils, coloring pens/pencils, which will be used as interactive notebooks for biology only. Instructions on how to arrange the notebook, such as a table of content listing and the numbering of pages, etc. will be addressed in class. In addition, a folder to maintain laboratory reports will be maintained and kept in the classroom. Assignments will be given out the first of the week with deadlines occurring throughout the week. Copies of these assignments will be posted in the classroom and on the teacher's website located at www.Kofa.yumaunion.org under Mr. Montialli's name.

TEACHING METHODS USED:

Methods used in teaching Biology will include: lecture including note taking, audio-visual aids, including multimedia equipment used with classroom Internet activities, classroom discussion, in class assignments, tests and quizzes, guest speakers, performance-based assessment, and frequent laboratory use.

LABORATORY

Cambridge Biology emphasis the use of laboratory research. At least 20% of class time will be dedicated to lab work. During labs, students will be expected to conduct themselves as STUDENT RESEARCH SCIENTISTS. Misconduct will NOT be tolerated. Students not conducting themselves in an appropriate manner will be excused from the lab and will receive a "No Credit" for that session. Parent will be notified.

RESOURCES AND SUPPORT SERVICES

Students must use other resource and support service other than notes and textbooks. The school library is available before school and the use of computer labs during class may be used for special projects. Sare encouraged to use other resources and support services such as the school library,

Internet, and other resources and references in the completion of their assignments. In some cases additional credits toward grade may be received.

EVALUATION METHODS/STUDENT PROGRESS

Tests, laboratories, special projects, quizzes, classroom participations, group interactions, homeworks, and special reports will account for overall evaluation methods. Students will take progress sheets home for parents/guardians signatures and returned it to the teacher. Students may request grade checks at any time during the grading periods.

EXTRA CREDIT:

Students will be able to receive extra credit by participating in after-hour community involvement projects, the completion of additional reports and in-and out-school laboratory projects, and bringing in timely reports, news articles, etc., on current events.

MISSED ASSIGNMENTS OR EXAMS:

Students will be allowed to make up missed exams and/or assignments. Make-up exams may be taken before or after the regular class day so as not to conflict with educational activities during the school day. It is the responsibility of the student to approach the teacher to schedule a time for make up work.

CHEATING AND PLAGIARISM:

Copying on tests and quizzes, cheating and plagiarism will not be allowed. Consequences for these abuses will be treated very severely and may result in receiving a "No Credit" for the course.

GRADING METHOD:

A = 90.0 -100.0 B= 80.0 – 89.0 C= 70.0 – 79.0 D = 60.0 – 69.0 F= 00.0 – 59.0

CLASSROOM SCHEDULE

WKS	UNITS	DATES	REF. CHAPTERS
1 st 6-WK	Sec I – Characteristics and diversity of living things Sec II – Organization/Maintenance of Organism (Cell Structure)	Aug 10 – 24 Aug 25 – Sep21	Glenco C1, C7, C8, C17,
2 nd 6-WK	Sec II – Enzymes, Human Nutrition, Plant nutrition, Photosynthesis, Leaf struct, Human alimentary canal, Digestion, Absorption, Assimilation, and Transportation	Sep 21 – Nov 2	Glenco 6, 9, 23, 35
3 rd 6-WK	Sec II – Transportation, Arteries, Veins, Capillaries , Blood, and Respiration	Nov 3 – Dec 21	Glenco 9, 17, 23, 37

By signing below I certify that I have read and understand the

Cambridge Biology Team "N" syllabus.

Student printed name: _____ Date: _____

Student signature: _____

Parent printed name: _____ Date: _____

Parent signature: _____