



Biology

Monarch High School

Instructor: Ms. D.L. McDade
Room: Science Room 517
Planning Hours: 6:15 – 7:00 am, and 2:45 – 3:30 pm
Phone: (754) 322-1400 ext. 3133
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Textbook: *Biology, 2006 Florida edition*, by Holt Publishers

Accompanying Texts: *Timed Reading in Science* paperbacks
One Minute Readings
Science World magazines
Rewards Plus: Reading Strategies Applied to Science Passages
Various other ancillary sources

Materials:

- A large **3-ring binder** and 1-2 folders for notes and handouts → ****REQUIRED**
- Lined notebook paper with clean edges → ****REQUIRED**
- Blue or black pens – ***no other color pens will be acceptable on work turned in!***
- #2 Lead pencils and clean rubber erasers
- Calculator - *suggested*
- Color pencils, metric ruler - *recommended*
- Dictionary and Thesaurus to use at home for assignments and reports - *recommended*

Suggested Supplemental Materials:

- Computer Internet access to biological science and general knowledge search engines
- Suggested Websites
 - Holt Biology textbook online - www.go.hrw.com
 - Holt Biology textbook resources - scilinks.org
 - Atomic Learning - www.atomiclearning.com
 - Nettekker - www.netTrekker.com
 - Scientific American - sciam.com
 - Study Web - studyweb.com

Course Content:

This course will challenge you to discover Biology in action all around you, in your daily activities of living and recreation. It will introduce you to the basic principles of living organisms and the characteristics that determine life. Such concepts will include the similarities and differences in anatomical structure and function of living organisms, the processes and orderliness of living things, and a fuller understanding of how all living organisms are interdependently connected to all aspects of the living and nonliving world around them.

Areas of concentration and integration will include Biology, Ecology, Human Genetics, and Anatomy and Physiology.

This course emphasizes six core themes: Unity within Diversity, Energy (Metabolism), Homeostasis, Biological Systems and Interactions, Evolution, and the Nature of Science. Learning will be focused on inter-connections among major ideas and concepts within the themes mentioned above.

*****THIS WILL BE AN INTENSIVE READING COURSE -- STUDENTS WILL BE EXPECTED TO READ THEIR TEXTBOOK DAILY, AT HOME, TO KEEP UP WITH COURSE CONTENT. DAILY AND/OR WEEKLY POP QUIZZES ON VOCABULARY AND ON TOPICS DISCUSSED IN CLASS OR ASSIGNED AT HOME ARE TO BE EXPECTED THROUGHOUT THE SEMESTER.**

Classroom Procedures:

- The class period is ninety (90) minutes long. Teaching and learning will ***continue for that entire period***. You will be dismissed by the Instructor when the bell rings. You are expected to maintain the decorum of a student during the entire period. Inappropriate classroom behavior will not be tolerated, as it is disrespectful and disruptive to the learning of others.
- Restrooms should be used **BEFORE** class.
Using the restroom is not an acceptable excuse for being tardy to class.

Attendance:

- Students are expected to come to class every day – AND ON TIME.
- If you must be absent, make sure this is **excused** immediately, and ahead of time, if possible.
- Only class work that is missed during an **excused** absence may be made up. It is the **responsibility of the student** to obtain any missing assignments. You are responsible for checking Ms. McDade's TEACHER WEB PAGE to keep up with class progress and homework, as well as the "Make-up Work" binder on the day you return from an absence.
- **As it is unfair to the students who are present during class instruction, makeup work for excused absences will receive automatic point deductions**
- All work missed during an **unexcused** absence will receive a Grade of Zero (0)
- Parental/guardian contact will be made for chronic truancy, tardiness, or failure to submit or complete homework or other assignments
- **All makeup Exams will be Essay Exams**

Grading Policy:

Evaluation Criteria: Attendance, Daily Assignments, Homework, Class Participation, Projects, Labs, Quizzes, Exams, Notebook checks, "Start-up Activities", essays, "Timed Reading in Science" exercises, Bonuses or Extra Credit activities, etc.

Grading Scale: **A = 90-100** **C = 70-79** **F = 59-below**
 B = 80-89 **D = 60-69**

Homework, Notebook checks, and Participation, in terms of assignments, counts toward the student's overall class average.

The Broward County Grading Scale is used to determine letter grades. Grades will be recorded as raw scores. That means that if the student earns 35 out of 50 possible points, 35 is recorded. At the end of each grading period the percentage is computed by dividing:

$$\frac{\text{Student's Total Points Earned}}{\text{Total Points Possible}} \times 100$$

The more points earned, the better the student's grade will be, so it is important to attempt to earn at least some points on **every assignment**.

How are points earned?

- 1. Do your best to answer EVERYTHING completely and correctly**
- 2. Read and follow directions**
- 3. Turn in all assignments WHEN THEY ARE DUE !!!!!**
- 4. Make sure that all assignments that are turned in are prepared legibly, neatly, and in an organized manner**
- 5. ATTEND CLASS DAILY AND ON TIME !!!!!**

GRADING PENALTIES

A grade of zero (0) will be the result for cheating or for any missing assignments.

NOTE: A student will receive Detention if she/he incurs three (3) tardies during a grading quarter. It is imperative to the student's continued learning success that she/he fully attends class daily.

Academic Integrity :

All students are expected to uphold the **Knights' Code** located on the back of the student ID badges, as well as in the **Student Code of Conduct Book**. Students will assume full responsibility for the content and integrity of the academic work they submit. The guiding principle shall be that a student's submitted work must be her or his **own** work. Plagiarism in terms of copying another student's work or taken from another author will not be tolerated and points will be taken off the student's grade, or the student will receive a grade of zero (0) for that assignment. When quoting an author, the student must use proper quotation marks or footnotes.

BIOLOGY RULES AND CONSEQUENCES

RULES:

1. All students must be in assigned seat by last tardy bell.
2. It is the responsibility of the student to obtain any missing assignments. YOU are responsible for checking Ms. McDade's **TEACHER WEB PAGE** to keep up with class progress and homework, as well as the "Make-up Work" binder on the day you return from an absence.
As it is unfair to the students who are present during class instruction, **makeup work for excused absences will receive automatic point deductions**. All work missed during an unexcused absence will receive a Grade of Zero (0).
****All makeup Exams will be Essay Exams.****
3. **NO FOOD, DRINKS, CANDY, MINTS, GUM CHEWING OR DRINK BOTTLES ALLOWED IN CLASSROOM**. Combing of hair, applying make-up or perfume, assignments for another class, doing previous homework assignments, defacing school textbooks or property, and littering are also not tolerated. ANY of these infractions will merit a Detention or an Administrative Referral, and parent or guardian will be contacted.
Detentions are to be served within a week following the infraction. Failure to do so will result in TWO Detentions to be served, and then a referral for Internal Suspension.
4. Respect and tolerance must be shown at all times, to everyone.
5. You may **NEVER** leave the classroom without a pass, except for Emergency Drills or in a Crisis situation, **ONLY** as directed by the Instructor. All other passes will be issued as deemed necessary by the Instructor.
6. Students must adhere to all rules in the Discipline Code Book and Student Code of Conduct, in addition to all Inverness House Rules as posted in every Building 5 (Freshmen House) classroom.

CONSEQUENCES:

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| 1. Verbal warning | 4. Parental/Guardian contact |
| 2. Student-Teacher conference | 5. Referral to Administration |
| 3. Detention and/or Writing assignment | 6. Parent-Instructor-Guidance conference |

*****ANY infraction of classroom rules can result in immediate parental/guardian contact*****

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By signing below, I acknowledge that I have received and reviewed Ms. McDade's Biology class Syllabus on-line, as well as the Rules and Consequences, and agree that I am responsible for abiding by them at all times.

Student Name
(PRINT Legibly) _____

Student
Signature _____ Date: _____

Parent/Guardian
Signature _____ Date: _____