**BIOLOGY SYLLABUS**

**Course/Term**: General Biology, Fall 2021 & Spring 2022

**Instructor**: Polly Davis, B234

**Conference Information**: Please contact me by email at pdavis@tcss.net. Parents may also contact teachers by calling the main office at 205-342-2777.

**Course Core Ideas**: Based on the Alabama Course of Study

 **1.)** From Molecules to Organisms: Structures and Processes

 **2.)** Ecosystems: Interactions, Energy, and Dynamics

 **3.)** Heredity: Inheritance and Variation of Traits

 **4.)** Unity and Diversity

**Course description**: Students will investigate biological systems at the molecular, cellular, and macro biological level. Hands-on laboratory exercises incorporating cellular biology, genetics, DNA technology, and ecology will be provided to assist students in their understanding of biological themes. Projects and reading assignments may be required with each unit of instruction

**Textbook:** *Biology* by Kenneth R. Miller and Joseph S. Levine

**Materials**: *Notebook or 3-ring binder Highlighter*

 *Notebook Paper 1 ream of white copy paper*

 *Pen and pencil Colored pencils*

 *Glue sticks Pencil sharpener*

 *Calculator (same one you use for math will be great)*

I will let you know ahead of time when other supplies are needed for special activities/projects, such as poster board, construction paper, etc.

**Attendance/Makeup Policy**: It is the student’s responsibility to get missed assignments on the day he or she returns to class. If an absence is excused, make-up work must be turned in within **2 days** of the absence according to school policy. Missed work that is turned in past this time will be late and points will be deducted. Missed quizzes or tests should be scheduled within 2 days of returning. Failure to take a make-up quiz or test within the time allowed will result in a zero. Any work that is due while the student is absent is due on the day he/she returns—if the student cannot turn in work (for an approved reason) upon return, he/she may discuss a possible alternate day with me. After the due date, work will be considered late. Late work will be penalized each day it is late. If a student is absent the day before a test, and if no new material is added, he/she will be expected to take the test at the regular time. Due to several factors, not all lab activities can be made up. If an activity is missed due to an excused absence & there is no alternative assignment, then the activity will not be counted for or against the student. Lab activities missed due to an unexcused absence will count as a zero.

**Laboratory Experiences: Each student will be presented with safety rules and procedures concerning laboratory assignments/experiments. Students are expected to follow the safety precautions and guidelines for performing lab experiments and for appropriate behavior in the laboratory setting. Failure to comply with the rules will result in removal of student from lab and a grade of “0” for the lab assignment. You MUST return a signed Science in Motion Contract BEFORE you will be allowed to participate in SIM labs….non-participation in a SIM lab will result in a grade of “0”.**

**Classroom rules**:

1. Bring all material to class each day.

2. Be on time every day; tardies are reported to the office.

3. Be in your desk and ready to work when the bell rings.

4. Gum is not allowed; no eating or drinking, except for water.

5. Follow all school rules.

6. Take care of all lab equipment, tables and chairs. Have respect for other people and their property.

7. Wait to be dismissed by teacher.

8. No Cell Phones/Electronic devices!!!! Unless used during assignments or in-class activities AS DIRECTED BY THE TEACHER. These will be taken and turned in to administration if confiscated during times when not in use for academic purposes.

**Grading Policy**: Grades will be based on a point system. Students will receive points through various methods of assessments. These methods may include, but are not limited to: homework, class work, laboratory reports, portfolios, projects, quizzes, tests, writing assignments, and class participation. The percentage grade will be determined by dividing total points by the number of points possible. Comprehensive nine weeks tests will be given. The percentage will follow board policy. The final course grade will be determined from the averaging the nine week’s grades and final exam.

**Discipline System:**

1. Warning – verbal or written

2. Call parent/student conference

3. Send directly to an administrator (if offense merits a more immediate response then student will be sent directly to an administrator and a parent will be contacted ASAP)

This document is subject to change and student will be notified of such changes.

Student Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent e-mail/phone number \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_