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| ***Course Description:*** | Biology introduces students to the vast diversity of organisms and the characteristics that define life. Units include biodiversity, cells, interdependence, genetics, and evolution. Inquiry based laboratory work is required. |  |
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| ***Course Objectives:*** | To meet all objectives for Biology as set forth by the Alabama Course of Study and Madison City Schools. |  |
| ***Classroom Expectations:*** | You are expected to conduct yourself in a respectful and productive manner. In addition to all the rules and expectations listed in the student handbook, I expect you to have a positive attitude, treat others with respect, practice self-discipline, and demonstrate responsibility. If these conditions are not met, you can expect one-on-one meetings with me, parent/instructor conferencing, and administrative action, if necessary. **Concerning the use of cell phones and other electronic devices:**Devices should be on silent and kept in your purse, backpack, or pocket during class unless otherwise instructed. You may not place it on your desk. Parents, guardians, and other family members should call the front office in case of emergency.If you violate this rule, you can expect the following consequences:* *First offense* – The phone or device will be placed in a phone chart at the front of the room. You may pick it up at the end of class.
* *Second offense* – The phone or device will again be placed in a phone chart at the front of the room until the end of class and a parent/guardian will be notified.
* *Third offense* – This is defiance and I will notify an administrator.
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| ***Grading Policy:*** | Major assessments will count 70 percent of your grade. Homework and classwork will account for 30 percent of your grade. Grades will be updated weekly in PowerSchools. Each grading period will consist of nine weeks.  |  |
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| ***Make-up Work Policy:*** | **Make-up tests** will **only** be given to a student who has an **excused absence**. **The student must make arrangements with the teacher to take a make-up test.** **Tests may be taken during Patriot Path with prior arrangement from each teacher.**  A student only has two chances (the next two Patriot Paths after the absence) to make up a test. All make-up tests will be administered in the designated classroom on the Patriot Path session roster.**Homework/Classwork:** Students who are absent for **excused reasons** will be permitted to make up missed work. **It is the student’s responsibility to get their work assignments the day upon return to school and complete the assignments according to a time frame determined by the teacher within two weeks of the date of the last absence**. Grades of zero will be assigned for assignments missed because of unexcused absences. |  |
| ***Text and Other*** ***Required Reading:*** | Pearson *Biology* by Miller and Levine |  |
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| ***Materials and*** ***Supplies Needed:******Laptops******Turnitin Notice******(English Courses)******Accommodations*** | 1 ½ or 2 inch three ring binder for binder check Black/Blue ink pens (PLEASE NO RED/PURPLE PENS)PencilsLoose leaf paper Composition Notebook or Spiral Notebook for notes Colored pencilsGlue sticks **Concerning laptop utilization:** 1.Student laptops should not be hard-wired to the network or have print capabilities. 2. Use of discs, flash drives, jump drives, or other USB devices will not be allowed on Madison City computers. 3. Neither the teacher, nor the school is responsible for broken, stolen, or lost laptops. 4. Laptops and other electronic devices will be used at the individual discretion of the teacher.The majority of writing assignments in this course will be submitted to Turnitin via the Schoology learning platform. Turnitin generates a report on the originality of student writing by comparing it with a database of periodicals, books, online content, student papers, and other published work. This program will help students discern when they are using sources fairly, citing properly, and paraphrasing effectively - skills essential to all academic work.Students will have the opportunity to review their Turnitin originality report and will have the opportunity to make revisions before submitting their work for grading. Once their work is submitted, teachers have the opportunity to view the student/s originality report and grade accordingly.Requests for accommodations for this course or any school event are welcomed from students and parents.  |  |

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|  **18 – WEEK PLAN\*** |
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| **Week 1-2** | Chap 1: Intro to Biology, Lab Safety/Equipment, Scientific MethodChap 2: The Chemistry of Life |
| **Week 3-4** | Chap 3: The BiosphereChap 4: Ecosystems and Communities |
| **Week 5-6** | Chap 5: PopulationsChap 7: Cell Structure and Function |
| **Week 7-8** | Chap 8: PhotosynthesisChap 9: Cellular Respiration |
| **Week** **9-10** | Chap 10: Cell Growth and Division |
| **Week** **11-12** | Chap 11: Intro to GeneticsChap 12: DNA |
| **Week 13-14** | Chap 13: RNA and Protein Synthesis |
| **Week 15** | Chap 16: Darwin’s Theory of EvolutionChap 17: Evolution of Populations |
| **Week 16-17** | Chap 18: Classification |
| **Week 18** | Review/ RemediationFinal Exam |

**\*This is a tentative plan and may change at the discretion of the teacher.**

**Please sign below to acknowledge that you have received, read, and understood the syllabus.**

**Student name**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Parent/guardian name**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/guardian signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Parent/guardian, please provide two ways for me to contact you (email address, phone numbers):**

Parent/guardian Email:

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Parent/Guardian Phone number:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_