**BIOLOGY II SYLABUS**

**MRS.POTTEIGER ROOM 126**

Biology II is a class that I enjoy teaching. I love knowing how things work and why things are the way they are. My intentions are that every student will be challenged and that every student will succeed.

My goal is that each student will gain a deeper understanding of systems of a living organism, through comparative anatomy of vertebrates starting with amphibians and moving through mammals. All of our units will be based on vertebrates, with subunits built in to work on specific objectives in Biology.

**Why we study Biology** : You are a biological being, and everything we learn you can apply to yourself in some way. Everything we are going to learn is actually going on either inside your own body or it involves how you as an individual fit in with the living world around you.

***Competencies addressed:***

1. Students will look at depth at biochemical pathways that create energy within organisms. (metabolism/photosynthesis)

2. Students will be able to identify the relationships of organism structures and their environment and how they are adapted for each other.
3. Students will have knowledge of scientific inquiry, problem solving, drawing conclusions through analysis of body systems in various species and orders of animals.
4. Students will be able to classify organisms into groups based on similarities and differences.

5. Students will be introduced to latin roots used in the biological field, and tested weekly

***Grading***

You will receive points for a wide variety of assignments and assessments. These will include homework, quizzes, labs, projects, and exams. Your fall semester final exam will constitute 10% of your final grade. In the second semester (spring), the final exam will be worth 10% of your semester grade as well.

Your grade will be based on your percent of the total possible points. This is calculated by dividing your total number of points earned by the total number of points possible in the class. Every point in the class counts the same, whether it is from a homework assignment, lab or exam. You should not count on extra-credit assignments to bail yourself out at the end of grading periods.

We will use the Conway High School grading scale to determine how your percentage translates into a grade.

A ≥94%
A- 90-93%
B+ 87-89%
B 84-86%
B- 80-83%
C+ 77-79%
C 74-76%
C- 70-73%
D+ 67-69%
D 64-66%

D- 60-63%
F <60%

***Late and Makeup work***

Late work will be accepted at the instructor’s discretion. It must be completed before the end of the current unit in order to receive any credit. For example, I will not accept homework from the photosynthesis unit when we are studying ecology.

Makeup work will be handled as described in the Student Handbook (within 2 days following the absence). You are responsible for finding out what you missed.

You will not be able to make up any work missed due to excessive undocumented absences as stipulated in the Student Handbook.

No additional time will be given to students who miss class due to official school trips (field trips, athletics, performances, organizations, etc.).

***How we will operate as a class***

• We will start class when the bell rings. You need to be in your assigned seat and be ready to begin class. If you are not in the classroom when the bell rings, you will be marked as tardy.

• We will have the materials and resources that we need ready and available. I will have lab materials, handouts, Powerpoints, etc. ready and you will have your book, notebook containing previous work, paper and pen or pencil.

• We will treat each other with respect.

• We will strive for an atmosphere that is both productive and comfortable.

• We will work efficiently and minimize distractions.

• When finished with our work, we will enjoy each other’s company in a civil way.

***School Policies***

• We will follow the guidelines set out in the Conway High School Student Handbook for student attendance, appearance, behavior and other issues.

***Discipline***

• The vast majority of students treat each other, teachers and staff respectfully. Words or actions that are disrespectful or that prevent us from accomplishing our tasks will be dealt with using Conway’s Discipline procedures.

Depending on behavior being corrected, one of the following procedures will be followed:

1. Student/Teacher conference
2. Written warning kept in teacher’s gradebook.
3. Parent contact.
4. Removal to Principal’s office.

***Mrs.Potteiger’s Classroom Policies***

* No food is allowed in the science classroom at Conway High School. You may not sell candy or other food in the classroom.
* Water (in a sealable container) will be allowed in the classroom unless we are having lab. This is a revocable privilege. No other drinks are allowed at any time.
* You may not have your phone out for any reason (including checking the time).
* You are allowed one brief trip to the restroom per week. Use it wisely.

***Materials***

• Every day you will need to bring the following to class:

pen and/or pencil
paper
notebook for keeping notes, handouts, worksheets, etc.

***Special Needs***

• If you have special needs, whether they are identified by Special Services or not, please bring these to my attention. I need you to help me know how I can help you.

***The Successful Student in Biology will:***

• Be in class every day.

• Take pride in his/her work.

• Have a good working relationship with others in the class.

• Be open with the teacher about difficulties you are having learning the material or things in the classroom which are impeding your learning.

• Be consistent in your daily work.

• Prepare carefully for exams.

• Look for things in the subject (Biology) that interest you or connect to your life.

• Be honest. You can be a person of integrity every day.

***My responsibility as your teacher is to:***

• Know my subject. This does not mean that I know everything. Each year I learn interesting new things because of student questions I didn’t yet know the answer to.

• Value every student. Your GPA, race, religion, or economic conditions do not determine your value as a person or your status in my class.

• Be prepared. I will spend the time and do the work that is necessary to teach you effectively.

• Help you succeed. If you encounter some difficulties along the way you are not alone. Talk with me before things get desperate and we will work together to find solutions.

• Partner with your parents/guardians to help you succeed.

***Notes to Parents and Guardians***

• I know that you want your child to succeed. I want to give you the information you need to maximize their success.

• The two most important things you can do to help your child succeed are 1) to make sure they are in class every day and 2) to stay aware of and involved in what we are currently working on, studying and preparing for.

•. I also welcome frequent email contacts concerning the progress of your student. I am able to respond to nearly all email messages within one day.

• If you do not currently have easy access to email, please let me know and I will find other ways of getting you any needed information.

• Meetings are welcome and may be set up by calling me at school.

• You can leave voice mail for me by first calling the high school office.

• Many parents/guardians find the SIS Parent Link to be a useful tool for monitoring their child’s progress.

***My Contract Information:***

Kristen Potteiger

Email: kpotteiger@conwayschooldistrict.com

Phone: High School 417-589-2941 ext 1048

Student’s Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent’s Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent’s Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_