Biology

Wheeler High School

Course Syllabus 2018-2019

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Course Description:

Biology is the study of life! The emphasis of this course will be on the nature of science and inquiry, currently accepted theories, global ecology, bioethical decision making and current issues. Whenever possible these threads will be woven through the basic biological topics. These topics include the nature of science, inquiry, cell biology, ecology and environmental issues, evolution, taxonomy and diversity, biochemistry, cellular respiration and photosynthesis, cell division, DNA, reproduction and genetics.

Materials Needed:

1. **Composition book** for class notes and homework
2. Pen/Pencil

Textbooks / Resources:

McGraw Hill Inspire Biology

CK12.org

Homework and Classwork Guidelines:

1. Write name, date, period and title in the top right hand corner of all papers
2. Assignments are expected to be completed on the due date at the beginning of **class.**
3. Composition books will be graded weekly
4. Organization is key with regards to homework assignments. You will need to keep all assignments until the end of the unit.
5. If you are absent, it is your responsibility to find out what material was covered and any homework that you may have missed.

Lab Guidelines:

1. Safety will always be a top priority during lab activities. Horseplay will not be tolerated.
2. Students will be expected to read over the labs and have a thorough understanding before the beginning of any **lab** procedures.
3. Attendance is especially important for lab activities. Labs must be made up within a week of the absence. Talk to me to find a good time for your make up.
4. You will be changing lab groups throughout the year. Every member of **the** group will be expected to fully participate and give their best effort in all of the activities.

Attendance and Tardy Policies:

Regular attendance is expected. Tests, Quizzes, and/or in class activities will have to be made up after school within a week of the absence. It is the student's responsibility to coordinate a time to come in for the make-up.

Classroom Rules and Expectations:

1. Have respect! Respect yourself, your classmates, your teacher, and the learning environment.
2. Come prepared to learn (physically and mentally).

Consequences:

The guidelines of the student handbook will be followed regarding academic integrity, attendance, student conduct, and student discipline.

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Grading Criteria for a total 1000 points

- A = 900
- B = 800
- C = 700
- D = 600
- F < 599

Possible assignment list is subject to change with content:

Attendance in Classroom **Total** **3 pts**

- Tardy or Leave Early and missing class time -1 pts
- Absent 0 pts

*(total of 40 days in 1st Quarter = **120** points possible)*

Returned Safety Sheet **5 pts**

Current Events (Maximum of one per week) **Total** **10 pts**

- Typed one page with article attached 5 pts
- Present the article to the class 5 pts

*(total of 10 weeks for 1st Quarter = **100** points possible)*

Interview of Expert on Topic **50 pts**

(Must present the questions and answers or video of the interview, may not have more than two interviews per quarter)

Weekly Assignments **50 pts**

*(Total of 10 weeks for 1st Quarter = **500** points possible)*

Individual Project or Certifications for outside classwork **200 pts**

(Permission for individual projects and point value should be arranged prior to beginning project)

Attend Outside Meetings or Classes **50 pts**

(Townhalls discussing relevant topics, Fire Briefings, Zoom Public Meetings, Extension services, may only receive credit for two during 1st Quarter)

Community Service Projects **20 pts**

(May only receive credit for 2 projects during 1st Quarter, each project should be a minimum of 4 hours)