Everett High School

Biology and the Environment

Mr. Bradley Kernan

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*425-385-4584 room S-104*

*Available Hours: 6:45-7:20 am, 2nd Period Prep, and afterschool by appointment*

**Welcome to Biology:**

Biology and the Environment is a full-year course where students will use laboratory explorations, simulations, modeling, and experimentation to explore how the concepts of biology apply to their everyday lives. Students are expected to demonstrate their learning through written work, laboratory reports, use of charts & graphs, analysis of data, oral presentations, independent reports, projects and various forms of formative and summative assessments.

**Course Materials Needed:**

* Curriculum: *STEMScopes Biology (online curriculum)*
* Blue or Black Pens and pencils
* Composition Notebook, Pocket folder **or** section in 3 ring binder

**Daily Tech Needs for School and Home:**

Students will use OneNote and Canvas for links to assignments and calendar information.

* Charged laptop
* Digital inking pen

**Course Objectives:** This course is based on the Washington State OSPI Science Standards ([OSPI Science Standards](http://www.k12.wa.us/Science/Standards.aspx) )

* Understand that all living processes are interconnected.
* Understand how structure is related to function.
* Explain how life processes provide for continuity and change in living systems.
* Provide evidence and data to communicate understanding of scientific concepts.
* Safely conduct scientific investigations using proper tools, equipment and measuring techniques.
* Research, interpret and defend scientific investigations and arguments, using data, logic and analytical thinking.

**Course Units**

|  |  |
| --- | --- |
| **Semester 1*** Ecosystem Interactions and Energy
* Ecosystem Stability and Response to Change
* Earth’s Atmosphere: Photosynthesis and Respiration
 | **Semester 2*** Evidence of Evolution
* Inheritance of Traits
* Structure, Function and Growth
 |

**Classroom Expectations/Management Plan**

* The purpose of these Behavior Management Guidelines is to foster a safe, positive environment for learning by teaching the practices of self-discipline, citizenship skills, and social skills.
* During the first weeks of school, as a community, we will develop our classroom norms.
* Classroom Behavior expectations
	+ Be of a growth mindset.
	+ Be respectful and understanding of others.
	+ Be productive and always do your best work.
	+ Cooperate, collaborate, communicate, and think like a scientist.
	+ Be present in mind and body to participate and contribute to the class learning environment.
	+ Be a self-advocate!
* Water bottles are allowed in class, but not in lab areas. For lab safety reasons, other food and drink are not allowed.

**Cellphone (PED) policy:**

Cellphone or Personal Electronic Device (PED) use is not allowed in the classroom. They should be REPed during class time [silenced (no sound) kept in your students backpack or at the cellphone charging station]. If you need to reach your student during the school day please call Everett High School’s front office and they will connect you to the classroom (425-395-4400).

If your student has not REPed their cellphone or PED and has it out during the class period:

**1st incident:** Polite reminder to REP your phone by putting it away.

**2nd incident:** Polite reminder to REP your phone by putting it away for remainder of class period.

**3rd incident:** REP your cellphone PED ticket along with e-mail or phone call home.

**All future incidents:** Cell phone will taken by the teacher or brought over to the office the remainder of the period or the school day. Student may pick up cellphone or PED after school or parent/ guardian will need to come to pick up. Referral sent to the office.

|  |  |
| --- | --- |
| **Respect**  | * I control my phone.
* I use cell phones and other Personal Electronic Devices (PED) during   lunch and passing time.
 |
| **Engage**  | * I use my school device in class.
* Save my battery! I leave my phone off or silenced in my pocket or bag.
 |
| **Prepare**  | * I let people know I am at school and will not be available until lunch or passing period.
* Nobody knows I have a phone while I am in class.
 |

**Classroom Management Plan:**

An incident results when a student’s behavior interferes with the learning process; this includes the use of electronic devices. The following are school guidelines. The teacher may include other steps, consequences, or methods of working through the incident as appropriate to the situation.

|  |  |  |
| --- | --- | --- |
| 1. First incident: (any combination of steps below)
	1. Conference with student
	2. Detention (Parent contact when assigning detention)
 | 1. Second incident: (any combination of steps below)
	1. Conference with student
	2. Parent contact
	3. Detention (Parent contact when assigning detention)
 | 1. Third and any further incidents: (any combination of steps below)
	1. Conference with student
	2. Parent contact
	3. Administrator referral
 |

**Attendance:**

We want you in class every day. Regular attendance is an important part of this class. If you miss class assignments, tests, or labs due to absences or tardiness, it is your responsibility to arrange make up time as soon as possible. Completing homework and formative assignments is essential for successful understanding of concepts presented in class. School rules regarding tardiness, absences and excessive absences will be enforced. Please refer to the district student handbook (pages 1-3).

**Grading:**

The EHS purpose for grading is to communicate information about student proficiency on content standards. Students and parents can access grades online through the LMS system. Grades should be checked weekly for most current class status. For information, or to log in, go to [LMS Grades](http://www.everettsd.org/Page/4701)

|  |  |
| --- | --- |
| **Grading Scale (%)** | **Gradebook Comments** |
| A 93-100A- 90-92B+ 87-89B 83-86B- 80-82C+ 77-79 | C 73-76C- 70-72D+ 67-69D+ 67-69D 60-66F Below 60 | AB absent needs to make up assignmentM or MI missing assignment TI turned inI incomplete workEX excused from assignment |

**Weighting:**

* 80% Summative Assessments: Unit tests, lab reports and extended projects
* 20% Formative Assessments: Class assignments, homework, quizzes, lab work, and demonstration of 21st Century Skills: Citizenship, Critical Thinking, Growth Mindset, Communication, Creativity and Collaboration- [Everett SD- 21st Century Skills Rubrics](https://docushare.everett.k12.wa.us/docushare/dsweb/Get/Document-92148/21st%20Century%20Skills%20-%20G9-12.pdf)

**Late work policy:**

* All assigned work is chosen to aid learning and understanding; it is very important that students complete all work. If students cannot complete their work on time due to absences or struggles with understanding, they should arrange for remediation time with their teacher before school, CHAMPS, or after school.

**Make-up work policy (due to absence):**

* Please check your canvas calendar and OneNote Notebook for missed work before returning to school.
* All missed tests and quizzes will be taken the day the student returns to school or date scheduled with teacher.

**All work** is accepted for credit until the unit assessment. Late work completed after the unit assessment in order to qualify for reassessment will show in LMS as completed assignments, but will not receive credit.

* + Assignments labeled as missing (M) on LMS can still be completed until the day before the unit assessment.

**Additional academic support:**

* Students may receive specific invitations to group re-teaching sessions if the teacher feels they need additional help to be successful.
* Additional help is available, by appointment, before (7:00-7:20 am) or after (2:05 – 3:30pm) school. Students should check the posted teacher availability calendar each week to schedule after school help. Students can also schedule a time with the teacher during CHAMPS time on Tuesday or Thursday.
	+ Biology teachers are not available after school on LIF Fridays, but tutoring may be available in the A building.

**Everett High School Reassessment Policy**

* All students will have the opportunity to retake summative assessments. Formative assessments and assignments may be redone or revised at the discretion of the teacher.
* Retakes do not apply to long-term, multi-step assessments such as research papers, projects or presentation. In many of these cases, students receive feedback on each step of the process and have multiple opportunities to redo portions of the paper or project before final submission.
* Prior to a reassessment, students must provide evidence that relearning has occurred by completing a reassessment plan including the required formative and corrective work as determined by the teacher.
* Students must complete reassessments within a reasonable amount of time, allowing for reteaching/relearning to take place. Reassessment plans should be completed within seven school days of the original assessment and prior to the last two weeks of the current term.
* Students may be reassessed on a portion of the summative assessment, the entire summative assessment, or in a completely different format as determined by the teacher.
* All laws, statutes and policies pertaining to IEP or 504 accommodation plans remain in place and will be followed. You, the student, are also expected to take part in this by self-advocating: letting the teacher know when the system in place is working for you or revisions are necessary for increasing your success.

**Academic Honesty**

At Everett High School we value honesty and integrity of work. Cheating on tests and homework by copying another student’s work is not acceptable. Making copies of someone's electronic file is also considered cheating. When you cheat, you will receive a failing grade for that learning activity. Cheating also includes the aiding and abetting of cheating by others.

Plagiarism, the act of using another author’s work without crediting that author and thereby implying that it is one’s own, is academically dishonest and is a form of cheating. Students found cheating or plagiarizing will be referred to school administration.

**Laboratory Safety**

Science classes involve use of laboratory facilities and equipment. Lab equipment must be handled with care at all times. If you break lab equipment intentionally or due to carelessness, you will be charged the replacement cost. Labs permit greater student freedom and responsibility. This should not be abused. Abuse of lab privileges will result in

•1st incident: removal from lab, student is still responsible for material in the lab.

•2nd incident: no credit for the assignment, note sent to parents and to administrator.

•3rd incident: removal from lab, referral to administrator, and parent conference required before lab privileges are reinstated.

**Lab Attire**: All students will dress appropriately on lab days. Appropriate clothing includes closed-toed shoes, long pants, and long hair tied back. If a student refuses to change into appropriate clothing, they will receive a zero for the lab with no opportunity for make-up. All students and their parents/guardians must read the “Flinn Scientific Student Safety Contract”, then sign and return the signature page showing that they read, understand and agree to follow the safety rules. This must be turned in before a student can participate in labs.

**How to Succeed:**

1. **Great Attendance:** Be present physically & mentally. Missing class puts you behind.

2. **Come Prepared:** Bring all needed materials and have them ready when the bell rings.

3**. Self- Advocate & Get Help:** If you’re stuck, ask for help from the teacher or from another student. Come in on your own for after school assistance.

4**. Do Your Homework:** This is your practice and the only way you’ll know if you’re “not getting it”!

5. **Live Healthy**: Eat healthy foods, drink water – sports drinks, soda, and energy drinks have an adverse effect on your ability to focus.

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2019-2020 School Year

S-104

**Course and Safety Requirement Acknowledgement and Signature Page**

 **(Please return this page only. Due Sept. 16)**

**Parent/Guardian**,

We look forward to partnering with you in the education of your child. The above information is being provided to you in an effort to increase our communication with you about what is happening in school. It is important to us that you are well informed and therefore an active participant in the educational experience of your son or daughter. Our mission is to graduate all of our students ready for citizenship, college and/or career; but we cannot do this work alone.

Thank you for reading this course syllabus. After reading the syllabus and Flinn Safety Contract, please sign below (showing that you understand and support your student in following the policies and procedures) and return this page to the teacher.

**Please write any information you think I should know on the back of this page. Thank you!**

# 1 Parent/ Guardian Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/ Guardian Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_

Parent/ Guardian Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Phone Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Cell, Work, or Home? Circle one)

# 2 Parent/ Guardian Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/ Guardian Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/ Guardian Email: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Phone Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Cell, Work, or Home? Circle one)

**Student**,

We look forward to working with you this year! Please sign below showing you read, understand, and agree to follow the policies and procedures in the syllabus and Flinn Safety Contract. If you, at any time, have concerns or need help, please talk to me right away. The syllabus and safety contract are yours to keep.

Student Name (please print):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_

**- OVER –**

**Parent/Guardian Input on Student Learning**

My student can stay after school when necessary for:

|  |  |  |
| --- | --- | --- |
| * They cannot stay afterschool
 | * Discipline reasons
 | * Lab Make-ups
 |
| * Help with school work
 | * Test reviews
 | * Test retakes
 |

In the past my student has been the most successful in Science when …

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The concerns I have about my student’s success in Biology are…

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**Please use this space to tell me if there is something else you’d like me to know to help your student be successful.**

Is there personal or family information you would like me to know about your child? Examples might include: good habits to encourage, poor habits to watch for early, vision or hearing problems that would dictate special seating arrangements, etc…

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