

Biology

Lincoln Hill High School

Mr. Smith (2022-2023)

Welcome back to school and/or to Lincoln Hill High School. We are looking forward to a challenging, fun filled year. In order to have a successful year, we (teacher, student and parents) need to communicate and work together.

Philosophy

In teaching science, my goals are to encourage students to use the scientific method to inquire about the science around them. As students develop these thinking skills they will build a foundation of science knowledge that will allow them to challenge existing ideas and think creatively about real world problems. My philosophy and method to achieve these goals is to establish a safe collaborative classroom culture, assist and direct students in their learning and do my best to stay out of their way. I see myself as the coach on the sidelines supporting my students (rather than the actor on the stage entertaining them).

Effort - Students in my classes are expected to come prepared to demonstrate their personal best. To be successful, students need to be RESPONSIBLE for their actions, necessary materials and the quality of their work.

Behavior - Students at Lincoln Hill High School are expected to behave in a respectful way while participating in all school-related activities. RESPECT - toward each other, for ourselves, and for the facilities.

While early in September we all agree these are important elements of our program/classroom, poor choices are made as the year progresses. It is my practice to handle most minor indiscretions within the classroom. The rare chronic problem or major incident may require parental and/or administrative involvement.

Communications

With the Student - While your student will sometimes not seem eager to communicate academic matters with you as much as he/she would a few years ago, every day we are actively engaged in learning. I encourage you and your student to discuss our activities on a daily basis if possible. I know I will be conducting discussions with your student about his/her learning, progress, behavior, etc.

Between Teacher & Parent - If you have questions or concerns about my class please contact me as soon as possible. You can do this in a few different ways. One, write me a note and send it with your student. Two, call the school and leave a message (360-629-1340). Third (and most effective), write me an email (**dsmith@stanwood.wednet.edu**). I check my email at least once or twice a day depending on other activities that take up my time. Also, I would encourage all

parents and students to **access their grades which are posted on-line** to monitor student progress throughout the school year.

Science Notebook

The work students do in our class this year will be split between online (using Google Classroom) and a science notebook. Students should bring their **Chromebook** and a **science notebook** which can be lined paper in a 3 ringed notebook OR a composition book OR a spiral notebook. Whatever form students choose needs to be durable and encourage students to organize their materials.

Grading Policy

Grade Scale

A	The student demonstrates mastery and regularly exceeds the standard.	90-100%
B	The student demonstrates overall mastery and regularly meets the standard.	80-89%
C	The student regularly approaches proficiency of the standard.	70-79%
D	The student approaches, but does not usually demonstrate proficiency of the standard.	60-69%
F	The student neither demonstrates nor approaches proficiency of the standard.	<59%

Point Distribution

Assessments	Opportunities for students to show what they know.	50%
Daily Work	Assignments done primarily during class time.	50%

After an excused absence, **it is the student's responsibility to find out what assignments, quizzes, activities, or notes were missed.** Students should FIRST call or see classmates, our Google Classroom page for the material they missed. After all of these sources have been consulted, THEN the student should see Mr. Smith for questions about how to make up these assignments. It is important that students learn to stay caught up and deal with **due dates and deadlines.**

Ingredients to Success

Be in class and ready to work

- Arrive on time (in your seat)
- Materials in class and ready
- Minimize hallway/bathroom visits
- Leave on time(not packing up early)

Work toward your personal best

- Active listening (avoiding distractions)
- Involved in discussions (questions &/or answers)
- Involved in activities (on task individually & with group)

Overview of Course Content

The Biology course is focused on addressing the Life Science standards. In general, the course is designed to have students use experimentation, hands-on activities, reading, research and discussion to learn about the living world. The course will be primarily using the text Biology by Miller and Levine copyright 2010.

Month	Chapter	Title	NGSS Standard
Sept.	1	The Nature of Science	HS-LS 1-2
Oct.	2	The Chemistry of Life	HS-LS 1-6
	3	The Biosphere	HS-LS 1-2, 2-1, 2-2, 2-3, 2-6, 2-7
Nov.	4	Communities & Ecosystems	HS-LS 2-1, 2-2, 2-6, 2-7
Dec.	7	Cell Structures & Functions	HS-LS 1-3
Jan.	8	Photosynthesis	HS-LS 1-5, 1-6, 2-3, 2-4, 2-5
	9	Cellular Respiration	HS-LS 1-3, 1-6, 1-7, 2-3, 2-4, 2-5
Feb.	10	Cell Growth & Division	HS-LS 1-4
March	11	Introduction to Genetics	HS-LS 3-3
	12	DNA	HS-LS 1-1, 3-1, 3-2
	13	RNA & Protein Synthesis	HS-LS 1-1
April	14	Human Heredity	HS-LS 3-3
	16	Darwin's Theory of Evolution	HS-LS 4-1, 4-2, 4-3, 4-4, 4-5
May	5	Populations	HS-LS 2-1, 2-2, 2-6, 2-7
	18	Classification	HS-LS 4-6
June	19	History of Earth	HS-LS 4-1

Biology

Please detach this sheet. The student should keep the first two pages in the front of their science notebook (3-ring). Then please take a moment to fill out the information below to help me/us meet your student's needs better. Then sign and return this last page to acknowledge that you have read and agree with these expectations. Thank you for taking the time to read through our class expectations. I hope that it provides us all a good starting point for a successful year.

Student Name _____ Class Period _____

Student Signature _____

Parent/Guardian Name _____

Parent/Guardian Signature _____

Home Phone _____ Business Phone _____

Parent(s) Email(s) _____