

**NEWPORT HIGH SCHOOL  
BIOLOGY SYLLABUS 2022-23**

Course:	Biology
Type:	Year, required for graduation
Instructor:	Ms. Savannah Martin, M.A., M.Ed.
Email:	savannah.martin@lincoln.k12.or.us
Prep Period:	6th
Office Hours:	Tuesday/Thursday 3:25pm-4:00pm and by appointment

**Course Description**

Course Overview:	<p>Welcome to Biology! Biology, in the simplest definition, is the study of life. As one of the many areas of science it is a study and inquiry of how life interacts with the natural world.</p> <p>Over the course of the year, we will cover eight different units of study as outlined in our assigned text (Biology, McGraw-Hill, 2017). Example topics include: ecology, cellular biology, genetics, biological diversity and organization, and the functioning of organisms from various biological domains and kingdoms. This course of study is designed to allow students to become proficient in Next Generation Science Standards (NGSS) and to explore the cross-cutting concepts that connect biology to other STEM fields.</p>																		
Grading Criteria:	<p>Student grades will be weighted with 80% of the emphasis on the standard assessments and 20% on practice (labs, quizzes, and assignments).</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Letter Grade</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>F</th> </tr> </thead> <tbody> <tr> <td>Comparable IB Exam Score</td> <td>7-6</td> <td>5-4</td> <td>3</td> <td>2</td> <td>1</td> </tr> <tr> <td>Course Percentage</td> <td>&gt;90%</td> <td>80-89%</td> <td>70-79%</td> <td>60-69%</td> <td>&lt;60%</td> </tr> </tbody> </table>	Letter Grade	A	B	C	D	F	Comparable IB Exam Score	7-6	5-4	3	2	1	Course Percentage	>90%	80-89%	70-79%	60-69%	<60%
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Required Materials:	<ul style="list-style-type: none"> <li>● College-ruled spiral notebook</li> <li>● Three ring binder</li> <li>● Pencil and fine-tipped markers or colored pencils</li> </ul>																		

**Standards Assessment**

Course Units	<p><b>1st Semester:</b></p> <ul style="list-style-type: none"> <li>● Ecology</li> <li>● Cellular biology</li> <li>● Genetics</li> </ul>	<p><b>2nd Semester:</b></p> <ul style="list-style-type: none"> <li>● Biological diversity &amp; organization</li> <li>● Bacteria, Viruses, Protists, and Fungi</li> <li>● Plants</li> <li>● Invertebrates &amp; Vertebrates</li> </ul>
NGSS Standards	<p>The NGSS life science topics in high school are:</p> <ul style="list-style-type: none"> <li>● Cellular Structure &amp; Function</li> <li>● Ecosystems &amp; Relationships</li> <li>● Inheritance &amp; Evolution</li> </ul> <p>These topics will be addressed in various ways through each course unit, so students will see these multiple times with different emphasis.</p>	

Standard Make-Up Policy:	If you miss a test you must make it up BEFORE you return to class. We move fast in the class, and will be moving on, so it is important that all tests be scheduled to be made up ASAP. If you miss a test and do not have an excused absence, you will forfeit your score.
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### General Policies

Classroom Expectations:	<p>I do my best to make the subject interesting, engaging, and comprehensible (even if it may not be your favorite subject, yet). I ask that all students and staff work together to ensure that our classroom is a place of enthusiastic rigor where learning can occur and everyone feels a part of the community.</p> <p>To help meet this goal, students are asked to:</p> <ul style="list-style-type: none"> <li>● <u>Come to class on time and prepared</u> with the materials necessary to learn. These include: fully charged school-issued laptop, laptop charger, writing utensils, and notebook. Additional highly suggested, but not required, materials include a set of 12 colored pencils and a hand-held pencil sharpener.</li> <li>● <u>Be kind to and respectful of others</u>, including other students, teachers, substitutes, and guests.</li> <li>● Contribute to a safe and welcoming learning environment for all members of the NHS community.</li> <li>● Listen and follow directions.</li> <li>● Use appropriate language.</li> <li>● Remain in class for the entire duration of the class period unless prior arrangements for early departure have been made.</li> <li>● <u>Conduct themselves carefully and responsibly when handling shared classroom tools and materials</u>, including scientific models, laboratory materials, and laboratory equipment.</li> </ul>
Accommodations:	<p>Lesson activities will be designed to meet the needs of all learners and are differentiated by readiness, ability, and/or interest. I will make appropriate and reasonable accommodations or modifications for students who are identified as requiring such. Please alert me if your student has an IEP, 504 plan, or other circumstances which require accommodations.</p> <p>To ensure that students designated as “Talented and Gifted” (TAG) receive academic instruction that is appropriate to their rate and level of learning, the curriculum and instruction of this course may be differentiated to include specialized groupings, compacting of curriculum, accelerated pacing, and providing of extension/challenge activities.</p>
Absences and Missed Instruction:	<p><b>Unverified Absences</b></p> <ul style="list-style-type: none"> <li>● Students who have an unverified absence will have one day to resolve the absence.</li> <li>● If an absence remains unverified, students will receive 1 lunch detention per unverified absence.</li> <li>● Students who have 4 or more unverified absences in a school day will be referred to administration.</li> </ul> <p>I understand emergencies and sickness are part of life. In the event that you are absent it is your responsibility to make-up missed class work. Google classroom should be your first resource if class is missed for a verified (excused) absence, and students are responsible for checking physical classroom resources upon their return for additional paper-based work that was missed.</p> <p>Tests, labs, quizzes, and other in-class assessments as well as assigned work missed during</p>

	<p>an unverified absence cannot be made up. Plan ahead and see me before the due date for tests and assignments if you will be absent, need additional assistance, or need an extension so that we can work out a solution together.</p>
Tardy Policy	<p>Students are expected to arrive on time to class every period.  Students will be marked as “Unverified” until they bring a slip indicating that they are excused or unexcused, after which the attendance will be updated to the appropriate code.  Tardies: In accordance with school policy, a threshold of 5 or more unexcused tardies in a week will result in lunch detention per additional tardy.</p>
Late Labs	<p>Unless pre-arranged, I do not accept late laboratory work. Labs usually take up the majority of a class period and are designed to be collaborative learning experiences with other students, and as such are very difficult to make-up outside of regular class time.</p>
Personal Electronic Devices:	<p>In accordance with school policy, cell phones, iPods, airpods, etc. are not allowed in class from bell to bell. If any piece of technology is <u>seen OR heard</u> during class, regardless of whether or not it is in use, it will be confiscated in accordance with school policy. I am aware that many students have smartwatches or apple watches; if these devices become distractions rather than timekeeping tools, they will also be subject to the NHS personal electronic device policy.  If a student requires access to a PED as part of an IEP or 504 accommodation, or a health care plan, please let me know and ensure that this requirement is reflected in their documentation.</p>
Academic Integrity:	<p>While I encourage students to work and study together collaboratively, <i>in support</i> of each other’s learning, each student is expected to do their own work and contribute equally to group projects. If an outside source is adapted or used to develop ideas, then it must be cited correctly (ideas, images, sentences, or work).  Copying, plagiarism, and other forms of cheating or academic dishonesty will not be tolerated, and students who engage in academic dishonesty will not earn credit for any such work.</p>
Food and Drink:	<p>In order for our classroom to be an effective space for scientific inquiry and investigation, we must keep our space clear of contaminants and free from distractions. <b>Food and drink are NEVER allowed in lab spaces.</b> Drinks with secure lids and small amounts of food are permitted in the classroom within reason. They should not be passed around to other students, they should not be the reason you are late for my class, any mess should be promptly and completely cleaned up, and consuming them should not interfere with the learning process (as determined by the teacher).</p>
Nota bene:	<p>On an important final note—I, like all of us in the NHS community, am a human being with a great capacity for compassion. Occasionally, there will be exceptions to some of the above policies.  The most important thing students can do to support their educational experience in my class is to communicate with me – Early, Honestly, and Often. Please do not wait until after an assignment or project is due or until the end of the semester to have a conversation with me about circumstances affecting your learning in my classroom. The sooner I am alerted to an obstacle, the sooner we can work together to overcome it. As <i>my</i> high school biology teacher used to say, “it does no good to steer the car after you’ve already gone off the edge of the cliff,” so please help me help you find your way!</p>