

Course Basics			
Course Code:	Grade Level:	Credit Value:	NCAA Approved:
SC2220	9	.5	YES
State Course Code:	Course Length:	Course Time:	FWPS Standards (link)
03051	18 Academic Weeks	67 Minutes per day OR 5 hours 33 minutes each week	Grade 9 NGSS Biology
Prerequisites: None			
<p>Required Materials: Internet access, computer, printer, printer paper and ink, modern OS/software/web browser, headphones with microphone (<i>if not built into computer</i>), digital camera/phone (for pictures) Lab: chicken liver, hydrogen peroxide, apple or potato, matches/lighter, stick/punk Lab: ingredients for dough (flour, sugar, salt, water, yeast), food coloring, oven or heating pad, shoe box, several small containers (film canister sized), marker, ruler, measuring spoons and cups, large bowl.</p>			
<p>Course Description: This is the first semester of a full year biology course. Biology focuses on the mastery of basic biological concepts and models while building scientific inquiry skills and exploring the connections between living things and their environment. The course begins with an introduction to the nature of science and biology, including the major themes of structure and function, matter and energy flow, systems, and interconnectedness of life. Students then apply those themes to the structure and function of the cell, cellular metabolism, and biogeochemical cycles. The main focus is to present biological information in an understandable and straightforward way that will capture the students' interest and deal with current issues and concepts</p>			

Instructor Information	
Name: Stephanie McDonnell	Email: smcdonne@fwps.org
Phone: (401) 232-4SCI (4724)	Virtual Sessions: daily by appointment or when posted

Expected Learning Outcomes	
In this course, students will	Explore scientific inquiry skills and the connections between living things and the environment.
Standards Alignment	See Course Learning Plan Contract (LPC)
Assessment Methods	<p><u>Formative Assessments:</u> FA 2.2.4 : Practice: Nucleic Acid Structure FA 2.3.2 : Practice: Proteins FA 2.5.2 : CST - Computer-Scored Unit Test (Apex) FA Unit 2 Summary FA 3.4.4 : Discuss - Stem Cells FA 3.5.2 : Test (CST) - Computer-Scored Unit Test (Apex) FA Unit 3 Summary</p>

	<p>FA 4.2.5 : Practice: Cellular Respiration FA 4.5.2 : Test (CST) - Computer-Scored Unit Test (Apex) FA Unit 4 Summary FA 5.5.2 : Test (CST) - Computer-Scored Unit Test (Apex) FA Unit 5 Summary FA 6.1.2: Test (CST) - Computer-Scored FINAL Test (Apex) <u>Summative Assessments:</u> SA 2.4.3 : Lab - Enzyme Lab SA 2.5.3 : TST - Teacher-Scored Unit Test SA 3.5.3 : Test (TST) - Teacher-Scored Unit Test SA 4.4.3 : Lab - A Twist on Fermentation SA 5.5.3 : Test (TST) - Teacher-Scored Unit Test SA 6.1.3: Final Project (Bolded assignments are required for credit as a lab based class)</p>
Grading Methods	All summative assessments will be graded according to the corresponding rubric or teacher directions. Only summative assessment scores will calculate towards a student's final grade. Each summative assessment is linked to a FWPS Priority Standard (PS).
Grading Scale	A = 90%-100% B = 89%-80% C = 79%-70% P = 60%-70% F = 59%-0%

Student Expectations	
Weekly Work Completion	Students will submit original work in all classes each week.
Original Work Submissions	Students will only submit their original work. If a student uses outside sources in the creation of their original work, citations must be present in the format requested by their teacher.
Weekly Communication	Students will communicate weekly with their teachers regarding their academic progress.
Functioning Technology/ Required Materials	Students will always have constant and consistent access the functioning hardware, software, technology, and required materials necessary to complete their coursework in all classes.

iA Policies Required for Enrollment	
Academic Integrity	<p>Academic integrity is essential to learning. Students are expected to complete their own work. Copying, plagiarizing, cheating or other methods of intentional deception are prohibited and could result in the student's removal from the class or iA entirely.</p> <p><i>iA Policy-</i> <i>1st Offense: The student will be contacted by the teacher via phone call, the student will be made aware of the plagiarism and examples of how this can be avoided will be discussed and shared. Direct instruction on plagiarism will be delivered by the teacher. iA Administration and other teachers will be made aware of the plagiarism.</i></p>

	<p><i>2nd Offense: The student and parents will be contacted by the teacher directly and the student will have to complete the plagiarized assignment without plagiarism before moving on in the course. iA Administration will be made aware.</i></p> <p><i>3rd Offense- The student will be withdrawn from the course or iA depending on the severity of the plagiarism and the frequency that it is happening in other courses.</i></p>
<p>WAC (Weekly Academic Contact)</p>	<p>State law also requires enrolled students to maintain monthly forward progress toward completing classes with success. Students are expected to complete one monthly module of at-standard work or have completed the teacher-prescribed plan as assigned by the certificated teacher of that course. If the assigned at-standard work is submitted, the student will be considered on pace (OP). If the assigned work is not submitted and/or is not at standard, the student will be considered behind pace (BP).</p> <p>An overall Monthly Academic Progress (MAP) score will be emailed to every student and family once a month by the iA Connect teacher to communicate overall progress towards mastery and passing of the courses; law requires BP students to reply with confirmation of the MAP report and iA teachers to document that reply. If students don't immediately reply, teachers are obligated to keep trying for a reply through additional emails or phone calls. Replies must be from the student; parent replies are not sufficient.</p> <p>Students are either On Pace (OP) or Behind Pace (BP). If a student is considered OP (by the individual teachers in individual courses) in 50% or more of their courses, they will be considered OP overall. If a student is considered behind pace (by the individual teachers in individual courses) in more than 50% of their courses they will be considered BP overall. If a student is determined to be BP for consecutive months, the iA Connect teacher will send escalating intervention plans each month by email.</p> <p>BP1 means one month behind pace; intervention typically is new work pace plan. BP2 means two months behind pace; intervention is typically a new work pace plan and directed teacher contact. BP3 means three months behind pace; course reduction or withdrawal from iA (see below for greater detail). BP4 means complete withdrawal from iA (see below for greater detail). Students withdrawn from iA at BP4 may not re-enroll until the following school year.</p>
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Email/Software Agreements	<p>Students agree to maintain constant and consistent access to the technology and software needed to complete their iA courses. If the student cannot maintain constant and consistent access to needed technology they will be withdrawn from iA.</p>
Professional Discretion	<p>Teachers reserve the right to make adjustments to the course, content, pacing, and expectations at any time. Students and parents will be notified via email of any changes made after the course has started.</p>