

SC2230 - BIOLOGY 2

<b>Course Basics</b>			
<b>Course Code:</b>	<b>Grade Level:</b>	<b>Credit Value:</b>	<b>NCAA Approved:</b>
SC2230	9	.5	Yes
<b>State Course Code:</b>	<b>Course Length:</b>	<b>Course Time:</b>	<b>FWPS Standards (link)</b>
03051	18 Academic Weeks	67 Minutes per day OR 5 hours 33 minutes each week	<a href="#">Grade 9 NGSS Biology</a>
<b>Prerequisites:</b> Biology 2220 (SEM1 Biology)			
<b>Required Materials:</b> 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), ruler			
<b>Course Description:</b> This is the second semester of a full year biology course. This course is an introduction to general biology and scientific inquiry. It will include the fundamental principles of living organisms, including DNA and heredity, protein synthesis, an in-depth look at ecosystems and natural selection, evolution and classification and human biology. 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			

<b>Instructor Information</b>	
<b>Name:</b> Stephanie McDonnell	<b>Email:</b> smcdonne@fwps.org
<b>Phone:</b> (401) 232-4724	<b>Virtual Sessions:</b> Upon request and when posted

<b>Expected Learning Outcomes</b>	
<b>In this course, students will</b>	Explore scientific inquiry skills and the connections between living things and the environment.
<b>Standards Alignment</b>	See Course Learning Plan Contract (LPC)
<b>Assessment Methods</b>	<p><u>Formative Assessments:</u>            FA 7.3.5 : Practice - Punnett Squares            FA 7.5.2 : CST - Computer-Scored Unit Test (Apex)            FA 8.2.5 : Practice - DNA to Protein            FA 8.5.2 : CST - Computer-Scored Unit Test (Apex)            FA 9.1.3 : Practice - Ecosystems            FA 9.2.5 Practice - Hardy Weinberg Equations            FA 9.5.2 : CST - Computer-Scored Unit Test (Apex)            FA 10.1.5 : Journal - Theories and Laws            FA 10.5.2 : CST - Computer-Scored Unit Test (Apex)            FA 11.5.2 : CST - Computer-Scored Unit Test (Apex)</p> <p><u>Summative Assessments:</u>  <b>SA 7.4.3 Lab: The Right Prescription for Bacteria</b>            SA 7.5.3 : TST - Teacher-Scored Unit Test</p>

	<p><b>SA 8.4.3 : Lab - Radical Radishes</b>  SA 8.5.3 : TST - Teacher-Scored Unit Test  SA 9.5.3 : TST - Teacher-Scored Unit Test  SA 10.5.3 : TST - Teacher-Scored Unit Test  SA 11.5.3 : TST - Teacher-Scored Unit Test  SA 12.  <b>(Bolded assignments are required for credit as a lab based class)</b></p>
<b>Grading Methods</b>	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).
<b>Grading Scale</b>	A = 90%-100% B = 89%-80% C = 79%-70% P = 60%-70% F = 59%-0%

<b>Student Expectations</b>	
<b>Weekly Work Completion</b>	Students will submit original work in all classes each week.
<b>Original Work Submissions</b>	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.
<b>Weekly Communication</b>	Students will communicate weekly with their teachers regarding their academic progress.
<b>Functioning Technology/ Required Materials</b>	Students will always have constant and consistent access the functioning hardware, software, technology, and required materials necessary to complete their coursework in all classes.

<b>iA Policies Required for Enrollment</b>	
<b>Academic Integrity</b>	<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>  <u>1st Offense:</u> 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.  <u>2nd Offense:</u> 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.  <u>3rd Offense-</u> 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.</p>
<b>WAC (Weekly Academic Contact)</b>	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

	<p>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>
<p><b>MAP</b> <i>(Monthly Academic Progress)</i></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>
<p><b>Email/Software</b></p>	<p>Students agree to maintain constant and consistent access to the technology and software</p>

<b>Agreements</b>	needed to complete their iA courses. If the student cannot maintain constant and consistent access to needed technology they will be withdrawn from iA.
<b>Professional Discretion</b>	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.