

SC2460 NGSS Chemistry in the Earth System II

Course Basics			
Course Code:	Grade Level:	Credit Value:	NCAA Approved:
SC2460	10	.5	YES
Prerequisites:	Course Length:	Course Time:	FWPS Standards (link)
NGSS Biology Successful completion of 10 th Grade NGSS Chemistry in the Earth System 1-1	4.5-5 Weeks	67 Minutes per day OR 5 hours 33 minutes each week	NGSS Chem in Earth
<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)</p> <p>Lab Materials: This course may include labs and/or activities that require the purchase of materials.</p>			
<p>Course Description: This course is based upon the Next Generation Science Standards (NGSS) adopted by Washington State and is the first course of a two-semester length course.</p> <p>This course is the second of a 2-semester course that will provide an integrated study of both chemistry and earth science fundamentals including: (1) the factors that influence reaction rate and equilibrium, (2) how Earth's surface has changed over time through the processes of thermal convection, the hydrologic cycle, and the rock cycle, (3) how Earth's systems and life arose and how these systems and life interact through feedback systems, and (4) how humans can develop sustainable solutions for specific problems/issues. The course will present and assess concepts through a variety of mediums including readings, videos, simulations, activities/labs, discussions, projects, quizzes, and tests.</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	Use inquiry skills to explore chemistry and earth science concepts.
Standards Alignment	See Course Learning Plan Contract (LPC)
Assessment Methods	<p><u>Possible Formative Assessments:</u> Self-Checks Discussions Labs/Activities Projects</p> <p><u>Possible Summative Assessments:</u> Unit Exam Summative Lab, Activity, or Project</p>

	Semester Exam
Grading Methods	All summative assessments will be graded according to the corresponding rubrics. Only summative assessment scores will calculate toward a student's final grade.
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>AI Policy-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. 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. 3rd Offense- The student will be blocked from the course until the student and parents meet with the teacher and iA Administration to discuss iA Academic Integrity policy. 4th Offense- The student will be withdrawn from the course or iA depending on the severity of the plagiarism and the frequency with which it is happening in other courses.</i></p>
WAC (Weekly Academic Contact)	<p>State regulations require students in online programs to have weekly academic contact with each teacher. This occurs by engaging with the curriculum and online instruction, submitting assignments to make progress in learning, and successfully completing courses. Students have multiple opportunities and methods to achieve weekly academic contact and receive teacher assistance and feedback: email, SMS, live online sessions, assignments, phone, and/or face-to-face meetings by appointment.</p> <p><i>WAC Policy- If a student consistently fails to meet WAC requirements within one month, the student will be blocked from that course and must contact administration to regain access.</i></p>
MAP (Monthly Academic Progress)	<p>Washington state law requires that students receive a monthly academic progress report and that students respond to all MAP reports they receive. MAP reports are emailed monthly to their Genius Message account and students must reply through the Genius system to EACH MAP report they receive. Students earn an academic progress mark each month for each class based on their progress as compared to their individual Learning Plan Contract and the course</p>

	<p>completion date. Students earn OP if they are on pace with their LPC/course pacing or BP if they are behind pace of their LPC/course pacing. BP marks involve communication with the parent/guardian and an intervention plan to give the student additional opportunities to get back on pace toward successful course completion. Multiple probation reports may result in withdrawal from the course or school.</p> <p><i>MAP Policy- If a student fails to reply to the MAP report within 2 weeks of receiving it, the student will be blocked from that class until they contact their teacher directly and show proof that they have replied to MAP.</i></p>
<p>Email/Software Agreements</p>	<p>Students agree to maintain constant and consistent access to the technology and software needed to complete their iA courses. If students cannot maintain constant and consistent access to needed technology they will be withdrawn from iA.</p>
<p>Professional Discretion</p>	<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>