

Course Basics				
Course Code:	CEDARS Code:	Grade Level:	Credit Value:	NCAA Approved:
SC103O	O3237N	7th	N/A	N/A
Prerequisites:		Course Length:	Course Time:	FWPS Standards (link)
N/A		36 Academic Weeks (Yearlong Course)	56 Minutes per day OR 4 hours 40 minutes each week	Standards
<p>Required Materials: Internet access, computer, ability to print, modern OS/software/web browser, headphones with microphone- <i>if not built into computer</i>, webcam for virtual sessions and some possible assessments.</p>				
<p>Course Description: As an introductory science course, this class hopes to inspire you to be curious and learn to enjoy the exploration science encourages. Along with the experiments and topics, students will work with many new terms and concepts that will expand their worlds and make science a part of everyday experience. Science study skills in this class are designed to be transferred to studies in science in the years ahead</p>				

Instructor Information	
Name: Ross Brown	Email: rbrown@fwps.org
Remind App Code: @ghgkcd9hhh Also Found on Welcome Page	Virtual Sessions: Upon request and when posted

Expected Learning Outcomes	
In this course, students will	<ul style="list-style-type: none"> ● explore how humans obtain natural resources from Earth, how we use those resources, how human behavior affects our environment, and ways humans can minimize their impact. ● investigate Earth's layered structure and the heat trapped inside Earth. ● investigate how fossils and absolute and relative dating techniques show that Earth has a long and varied history. ● explore the properties of minerals, rocks, and how rocks can change form as part of the rock cycle. ● examine geologic maps and investigate the geologic processes and events that occur on Earth, including plate tectonics, earthquakes, volcanoes, weathering, erosion, and deposition. ● explore how energy from the Sun affects Earth. ● explore the water on Earth's surface, including the water cycle, watersheds, oceans, and ocean currents

	<ul style="list-style-type: none"> investigate the properties, structure, and composition of Earth's atmosphere. Topics include atmospheric convection, air temperature, air pressure, winds, humidity, and precipitation. explore weather and climate. Topics include air masses and fronts, predicting weather, tornadoes and hurricanes, and distinguishing weather and climate. explore the field of astronomy, including how astronomers make observations, and measure the large distances between astronomical objects. investigate the structure of our solar system and how it formed, use models to better understand its structure, and explore the importance of gravity in our solar system. explore the properties of stars, how they evolve over their existence, and how they are organized into galaxies explore Earth's magnetic field and interactions between the Sun, the Moon, and Earth, including what creates days, seasons, and years, eclipses, phases of the Moon, and tides investigate how humans explore space, and how scientists believe the universe began. Do their very best work at all times. Proceed at a steady pace toward finishing the class.
Standards Alignment	See Course Learning Plan Contract (LPC)
Assessment Methods	Formative Assessments: Lessons and Quizzes Summative Assessments: Reflections and Tests See detailed list in LPC by module/month
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. Each summative assessment is linked to an FWPS Priority Standard (PS), and each PS is a part of a grading/reporting "bucket." All buckets are equally weighted, and the student's final grade is the average score of all buckets. Students will also receive an informational grade in non-academic areas of student success.
Grading Scale	Excelling (EX)= 90%-100% Meeting (ME)= 70%-89% Approaching (AP)= 60%-69% Beginning (BE)= 0%-59%

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, message, live online sessions, assignments, phone, and/or face-to-face meetings by appointment when applicable and in accordance with social distancing guidelines.</p> <p><i>WAC Policy- If a student consistently fails to meet WAC requirements after 20 consecutive days they will be withdrawn and their neighborhood school will be notified to enroll them there. To re-enroll with IA you must have a meeting with an administrator. Above is the policy through December 31st,2020.</i></p> <p>Beginning in January 2021, in accordance with new state law the iA Weekly Academic Contact policies are changing. To ensure the success of all iA students, Weekly Academic Contact is required to remain enrolled at iA.</p> <p>1st week missed WAC= Notification of missed WAC that informs students and parents of the consequences of additional missed WAC. (Step 1)</p> <p>2nd consecutive or 3rd cumulative week of missed WAC= The student and parent must conference with a designee to discuss the missed contact, administer a "screener", and develop a data-based interventions plan. (Step 2)</p> <p>5th consecutive OR 6 cumulative of missed WAC= BECCA petition will be filed. (Step 3)</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 completion date. Students earn OP if they are on pace with their LPC/course pacing or BP if they are behind the 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>
Email/Software	Students agree to maintain constant and consistent access to the technology and software

Agreements	needed to complete their iA courses. If students cannot maintain constant and consistent access to needed technology they will be withdrawn from iA.
Professional Discretion	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.