

<b>Course Basics</b>				
<b>Course Code:</b>	<b>CEDARS Code:</b>	<b>Grade Level:</b>	<b>Credit Value:</b>	<b>NCAA Approved:</b>
SC105O	O3238N	8th	N/A	N/A
<b>Prerequisites:</b>		<b>Course Length:</b>	<b>Course Time:</b>	<b>FWPS Standards (link)</b>
N/A		36 Academic Weeks (Yearlong Course)	56 Minutes per day OR 4 hours 40 minutes each week	<a href="#">Standards</a>

**Required Materials:** Internet access, computer, ability to print, modern OS/software/web browser, headphones with microphone- *if not built into computer*, webcam for virtual sessions and some possible assessments.

- Headset with microphone (or built in speakers and microphone) for online class sessions
- 3-ring binder with subject dividers
- Loose leaf paper
- Science journal (spiral or composition notebook)
- Basic school supplies: pencils, erasers, scissors, ruler, glue, and colored pencils, crayons, or markers

Please note: The materials listed above are suggestions. Also, some science lessons may require everyday household materials. Please feel free to substitute and supplement materials as needed. If you have any difficulty locating something please let me know.

The following materials are needed for labs/hands on projects. Note: these items may vary by student, and list may be updated as course is updated.

- Clear glass, liquids of different densities (dish soap, vegetable oil, water, corn syrup, maple syrup, etc (suggestions).
- Foil, spoon, vinegar (or lemon juice), water, ammonia, baking soda, baking powder, flour, sugar, salt
- Clear 1 or 2 liter plastic bottle, match (or burning paper), hot water
- ..0Baking soda, sandwich bag, spoon, vinegar, yeast, straw, hydrogen peroxide

**Course Description:** Physical science is the foundation for chemistry and physics -this course provides a rigorous and comprehensive foundation for the 8th-grade student about to enter the high school sciences. It introduces the general principles of physics and chemistry. Students will start by studying properties of matter leading into a study of basic chemistry. In the second semester, students will study forces and motion, the basic principles of physics. Upon completion, students should be able to demonstrate an understanding of the physical environment and be able to apply the scientific principles to observations experienced.

<b>Instructor Information</b>	
<b>Name:</b> Ross Brown	<b>Email:</b> <a href="mailto:rbrown@fwps.org">rbrown@fwps.org</a>
<b>Remind App Code:</b> @4g49e3h338 <b>Also Found on Welcome Page</b>	<b>Virtual Sessions:</b> Upon request and when posted

### **Expected Learning Outcomes**

<b>In this course, students will</b>	<ul style="list-style-type: none"> <li>● Complete all courses tests, including state required tests for graduation.</li> <li>● Attend class daily. Course attendance is submitting assignments, attending live instructional sessions, attending office hours with the teacher, being online working on assignments, emailing, texting or calling teacher with questions.</li> <li>● Have the computer hardware and software necessary for the class work.</li> <li>● Internet Academy Syllabi</li> <li>● Communicate with the instructor in a clear, friendly, courteous manner. This includes signing communications with their full name and the name of the class they are in.</li> <li>● Communicate in Standard English. "e-english," the informal, lower-case, run-together communications used in chat rooms, is appropriate for the audiences and purposes of some e-mail. It is not appropriate for communicating with an instructor in class.</li> <li>● Turn in original work. Internet Academy teachers monitor for intentional deception through the use of an on-line subscription service and IA email archives. The consequences for intentional deception (copying, plagiarism, cheating, using someone else's work) may result in: redoing assignment, completing an alternative assignment, parent contact, and/or failing the course.</li> <li>● Do their very best work at all times.</li> <li>● Proceed at a steady pace toward finishing the class.</li> </ul>
<b>Standards Alignment</b>	See Course Learning Plan Contract (LPC)
<b>Assessment Methods</b>	Formative Assessments: Lessons and Quizzes Summative Assessments: Reflections and Tests See detailed list in LPC by module/month
<b>Grading Methods</b>	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.
<b>Grading Scale</b>	Excelling (EX)= 90%-100% Meeting (ME)= 70%-89% Approaching (AP)= 60%-69% Beginning (BE)= 0%-59%

<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.

## iA Policies Required for Enrollment

<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>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>
<b>WAC (Weekly Academic Contact)</b>	<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>
<b>MAP (Monthly Academic Progress)</b>	<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>
<b>Email/Software Agreements</b>	<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>
<b>Professional Discretion</b>	<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>