Science 7

Course Overview

Science 7 requires students to complete material in four areas of study: Biology, Chemistry, Physics, and Earth Science. Along with these, there is also a Start-up unit and a Thinking Task unit. The Start-Up unit is intended to emphasize the scientific mindset and to work on key skills required for success with the scientific method. Thinking tasks for each unit are required to be completed before access to the actual unit is granted, so students will be returning to that section throughout the course. Students will be asked to submit mini assignments as they progress through the unit. Students should also create notes, which they will submit once the learning portion has been completed. The next phase is for students to select two projects from a list provided. The units culminate with a unit test. There is no cumulative final exam for this course.

Course Material

There is no textbook issued for this course. Instead, lessons are provided on the learning management system - Brightspace. The prescribed learning outcomes for this course are available at: BC Curriculum - Science 7

Testing / Assessment Information

All unit tests are to be supervised. Please fill out and submit your supervisor form. This supervisor will be given the passwords to all your tests. **Supervised:** Any adult, of 19 years or older may supervise. All tests are closed book, with the use of a formula sheet and a non-graphing calculator permitted.

Topics: Natural selection, adaptive radiation, ecosystems, and energy flow. Pure substances, physical properties of pure substances, mass- volume- density, crystals, physical and chemical change, and atoms versus ions. Electricity, circuits, making electricity, magnetism. Fossils, dating, climate change, and footprint.

The proficiency scale moves the conversation away from grades to a focus on student learning.

Is a student proficient in a set of concepts or competencies? In other words, do they demonstrate a solid understanding of those concepts and competencies? What are the strengths of the student's work?
What are the next steps the student needs to take in order to become proficient or in order to challenge themselves further?

Expectations

To Complete and Finish Successfully:

Remain ethical and upstanding in your assessments
Contact your teacher when help is needed
Review feedback from assignments and tests, where applicable Communicate respec!vely
Review progress reports
You work consistently to complete in the allo"ed !me span

Progress Reports:

Progress reports will be emailed to the address(es) on file for all students and parents/guardians every month. You can expect the email to occur near the end of the school week.

Falling Behind Students who do not make the effort to keep on track, may be given an "I" contract, and parent contact will be made. An "I" contract may be given for a failing grade or for not keeping up to the expected pace. An "I" is for our, and your, personal records. The "I" will not be posted on official transcripts. An "I" grade is not a fail, but is based on your progress, we cannot say with 100% assurance that you will be able to complete it by the desired date.

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