Science 10 Course Outline: Summer 2019

Teacher: Mr. B. Driscoll
Email: bdriscoll@sd38.bc.ca
Websites: Mr. Driscoll's site: www.driscollhomework.weebly.com
Data booklet: https://www.bced.gov.bc.ca/exams/specs/grade10/science/11_databook.pdf

Supplies: The following basic course materials will be used routinely and must be brought to every class: Pens, Pencils, Calculator, Lined Paper, Binder

The notes for this course will be in the gap note format. This will allow students to focus on the class discussion while also writing down key phrases and terms. The first day's gap notes will be provided for you. The rest of the gap notes are available on my website. It is the student's responsibility to print off the notes ahead of class.

We will frequently be using information from the Science 10 data booklet. A booklet will be provided for you during tests and quizzes, however it will be useful to have your own copy when working on assignments and homework. You can find and print your own copy from the above website.

Textbook: Connections 10. A copy will be provided for you. Any textbook not returned in the same condition it was received will be billed to the student.

Evaluation: Homework will be assigned on a daily basis. Due to the condensed nature of the course, it should also be expected that reviewing class material every evening will be required. Tests and quizzes will be a majority of the assessment, with a few lab assignments as well. The final exam will be worth 20% of the final mark.

Expectations: -Behave respectfully towards oneself, other, and school property
-*BE ON TIME!!*
-Electronic devices are not to be used without permission during class time.
-Students are responsible for any missed work during an explained absence. A mark of zero will be given for missed work due to an unexplained absence.
-Every effort should be made to be present for tests and quizzes. In the case of an unavoidable absence, parents must call the school on the scheduled test day and provide the reason for the absence. The student will write the make-up test the first day that they return to school. (Please note: this means that the student will miss part of the next lesson). More than 3 absences may result in the student not receiving credit for the course.

Contact Info: Students and parents are encouraged to contact me via e-mail: bdriscoll@sd38.bc.ca

Date	Sections Covered	Classwork/Homework
July 3	Introduction 4.1 Atomic Theory and Bonding	-Drawing Bohr models CYU p. 183
July 4	4.2 Names and Formulas of Compounds 4.3 Chemical Equations	Naming worksheet Balancing worksheet Ch 4 Review p. 216-217
July 5	***Ch 4 Test*** 5.1 Acids and Bases 5.2 Salts 5.3 Organic Compounds	Ch 5 Review p. 252-253
July 8	***Ch 5 Test*** 6.1 Types of Chemical Rxn	Types of Rxn worksheet CYU p. 271
July 9	6.2 Reaction Rate 7.1 Isotopes and Radioactive Decay	Ch 6 Review p. 282-283
July 10	**7-2A p. 303** 7.2 Half-Life 7.3 Nuclear Reactions	Finish Lab Ch 7 Review p. 326-327
July 11	***Ch 6 + 7 Test*** 1.1 Understanding DNA	CYU p 21 2-11.
July 12	***Chem Unit Test***	
July 15	1.2 How are traits passed down?	CYU p. 39. 1-10 Punnett squares
July 16	**1.1 and 1.2 Test** 1.3. Natural and Artificial Selection	CYU p. 63. 1 - 10
July 17	1.4 How and Why are Genes Manipulated? Unit 1 Review	CYU p. 85. 1-8
July 18	***Bio Activity. (1 – H p 68-69)*** ***Bio Unit Test***	
July 19	4.1. What is the universe? 4.2 What we can see with our eyes	CYU p. 299 CYU p. 313
July 22	***4.1 and 4.2 Test*** 4.3. Technology adding to our understanding	CYU p. 349
July 23	4.4. Big Bang Theory Presentation Work	CYU p. 369
July 24	Unit Review 372-375 Presentations	
July 25	***Space Unit Test*** 3.1. What are the properties of energy?	CYU p. 215
July 26	3.2 How is energy transformed? 3.3. How does energy transformation affect global systems?	CYU p. 239, 257
July 29	***3.1 and 3.2 Test*** Poster Project	Poster project due next day
July 30	3.4 How does energy transformation affect humans? ***Energy Poster Project Presentation***	CYU p. 273
July 31	***Energy Unit Test***	
Aug 1	COURSE REVIEW	
Aug 2	FINAL EXAM	