Science 10 Course Syllabus

David Thompson Secondary School

2019-2020

Teacher: Ms. Nancy Fulton

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# Course Content:

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| **Unit Topic** | **Big Idea** |
| SCIENCE SKILLS: Scientific Method and Inquiry, Measurement, Unit Conversions, Data Analysis, Lab Safety and Equipment | *Throughout the course, we will be conducting experiments and doing research to find answers to scientific questions.* |
| CHEMISTRY: Chemical reactions | *Energy change is required as atoms rearrange in chemical processes.* |
| PHYSICS: Changes in energy | *Energy is conserved, and its transformation can affect living things and the environment.* |
| BIOLOGY: Genetics | *DNA is the basis for the diversity of living things.* |
| ASTRONOMY: The beginning of the universe | *The formation of the universe can be explained by the big bang theory.* |

# Required Supplies:

Please bring the following to class every day:

* Binder with 3 sections – Warm Ups, Vocabulary, Notes & Handouts
* Lined paper
* Pens (blue or black and red), pencils, eraser, ruler, highlighter
* Calculator
* Agenda (paper or electronic)
* Textbook: BC Science Connections 10
* Workbook: BC Science 10 Connections Student Workbook (can be purchased from the school for $10)

# Procedures and Expectations

**Class Rules:**

1. Listen and follow directions
2. Raise your hand before speaking
3. Respect your classmates, support staff, and your teacher
4. Stay on task and do not waste time
5. Do not consume or display food, drinks (except water bottles), or gum
6. Phones must be out of sight when not being used for educational purposes

**Consequences:**

1. Warning
2. Seat change
3. Letter home

**Absences:**

* If you are absent, it is **your responsibility** to find out what you missed and make it up. Worksheets and other handouts are found in the **Extra Handouts** box at the side of the class.
* You may not be able to make up all activities done in class while you are absent. Bring a signed note from a parent/guardian explaining your absence in order to be excused from missed work.
* See me at lunch, in tutorial, or after school for extra help

**Lates:**

* Please be on time and bring all your materials for class.
* If you are late, please come in quietly without disturbing your classmates.
* During the next opportunity (when I’m not addressing the class) check in to make sure I saw you come in and find out what you’ve missed.

**Homework:**

* Homework is due at the beginning of the following class.
* Extensions may be granted in some circumstances. For long term projects, see me **before the due date** if you need an extension.
* Once graded assignments have been handed back to the class, I will not accept late submissions unless they are done in front of me during office hours.

**Cheating:**

* Copying answers from someone else on homework, assignments quizzes, and tests are all considered cheating.
* Both students involved in cheating will automatically receive a zero.
* The administration, your counsellor, and your parents may be notified.
* See your school agenda book for the school policy on cheating.

**Taking a break:**

* To use the washroom, get a drink of water, or go to your locker, write your name on the sign out board by the door
	+ Please do not leave class when Ms. Fulton is teaching the whole class
* Please only leave the room once per class. If you need an extra break, let Ms. Fulton know.
* One person out of class at a time, unless you have special permission.

# Grading and Marks

Please see the “Grading for Ms. Fulton’s Science Classes” sheet. We will talk more about this on the second day of class.