

# Science 10

## Course Outline

### Mr. Sloan

#### OBJECTIVES

Science 10 is an integrated academic course that helps students better understand and apply the fundamental concepts and skills that are common in biology, chemistry, physics and earth science. **An overall grade of 50% is required to pass the Science 10 course, but to advance to the 20 level in Biology, Chemistry or Physics you need to have a minimum grade of 60% in Science 10.**

#### COURSE OUTLINE AND WEIGHTING

<b>Unit A: Chemistry</b> .....25%	Energy and Matter in Chemical Change	Mr. Sloan
<b>Unit B: Physics</b> .....25%	Energy Flow in Technological Systems	Sloan/Wolsey
<b>C/D: Biology</b> .....25%	Cycling of Matter in Living Systems	Mr. Wolsey
<b>Final Exam</b> .....25%	<b>Comprehensive Exam for all four Unit</b>	
<b>Total</b> .....100%		

#### UNIT POINT VALUES

Quizzes & Homework.....	4%
Chapter Tests.....	8%
Unit Exam.....	13%
<b>Total</b> .....	<b>25%</b>

Section Dates	Mr. Sloan's Class	Mr. Wolsey's Class
<b>Sep. 1 – Oct. 17</b> <i>30 days</i>	Unit A: Chemistry (Mr. Sloan's Class)	Unit C/D: Biology (Mr. Wolsey's Class)
<b>Oct. 18 – Nov. 23</b> <i>25 days</i>	Unit A: Chemistry (Mr. Wolsey's Class)	Unit C/D: Biology (Mr. Sloan's Class)
<b>Nov. 24 – Jan. 12</b> <i>25 days</i>	Unit B: Physics (Mr. Sloan's Class)	Unit B: Physics (Mr. Wolsey's Class)
<b>Jan. 13 – Jan. 18</b> <i>REVIEW</i>	(Mr. Sloan's Class)	(Mr. Wolsey's Class)

## **Class Guidelines**

1. Be in your seat and ready to start on time.
2. Take care of non-class related things outside of class time (bathroom, phone calls, etc.).
3. No cell phones, iPods, and any other electronic device during class. Put them in the box when you come into the classroom or leave them in your locker. If you are caught with your cell phone out during class you will lose it until the end of the period, day or week.
4. Bring essential items to class (pen, textbook, notebook, calculator etc.). It is your responsibility to be prepared and bring these items. Notes are very important as any topic covered on an assignment, quiz or test will be based on the concepts covered in notes.
5. Assignments and homework must be handed in on time. Late assignments from students with unexcused absences will not be accepted.
6. Unit tests will be given at the end of each unit. Please let me know as much in advance as possible if you will not be present for an exam. If you are absent for any reason, it is your responsibility to come see me about what you may have missed. Be aware that any make-up exams may be different from those given to the rest of the class.
7. The final exam may only be written at the scheduled time unless cleared by the office.
8. Show respect to the instructor and other students in the class by listening to others, waiting your turn, and respecting the needs of other students. Please ask questions appropriately.
9. Treat school property (desks, textbooks, etc.) with respect. Do not write in or on your textbook or desk. If you need to doodle, use a piece of scrap paper.
10. Flex time maybe used at anytime for lates, cell phones, missed assignments, quizzes and tests, etc.