

Course web site: <http://cochrane.rockyview.ab.ca/Members/lynnmmoore/science-10>

OBJECTIVES

- To develop in students an understanding of the interconnecting ideas and principles that transcend and unify the natural science disciplines.
- To help students make informed decisions about further studies and careers in science.
- To provide students with opportunities for acquiring knowledge, skills and attitudes that contribute to personal development.

UNITS OF STUDY

Unit 1 – Energy and Matter in Chemical Change (**CHEMISTRY**)
Unit 2 – Energy Flow in Technological Systems (**PHYSICS**)
Unit 3 – Cycling of Matter in Living Systems (**BIOLOGY**)
Unit 4 – Energy Flow in Global Systems (**CLIMATE**)

TEXT: Science Focus 10

(Chapters 1,2,3)
(Chapters 4,5,6)
(Chapters 7,8,9)
(Chapters 10,11,12)

EVALUATION

Assignments, labs, projects, performance assessments	40%
Chapter tests and quizzes	40%
Final exam	20%
TOTAL	100%

EXPECTATIONS: ACADEMIC INTEGRITY

- **Come to class on time and be prepared to work.** (Bring paper, pens, calculator, charged calculator, textbook, etc)
- **Each time a student is late for class, it will be monitored.** If you are late 3 times, you will serve a lunch or flex detention to catch up on work.
- If you miss a class, **it is your responsibility to make up missed work.** All work is on the CHS website: www.cochrane.rockyview.ab.ca. It is recommended that each student have a Science 10 "buddy" for missing notes, labs, etc.
- **It is important that you are in class.** After 4 absences parents and students will be contacted at teachers' discretion. After 8 absences the teacher will contact parents and student and make a log entry on Power School which is automatically sent to the administration. After 12 absences the problem is turned over to the administration.
- **If you are absent for a test,** you must see your teacher the day that you come back to arrange to write during flex block.
- **Major assignments will be given a firm due date** with a few days allotted to come in for any extra help needed prior to the due date. If the assignment is not submitted on the due date, a 0 will be entered into PowerSchool until the work is completed. **Late assignments will be finished in lunchtime or flex detention.** Students are encouraged to complete ALL assignments, as the learning process is necessary for success on tests and the final exam. **The end of any chapter is final. Any assignment that is not submitted before the chapter test will be assigned 0.**
- **If you find that you are behind in your work, or having difficulty** with any of the concepts, please don't hesitate to come in and see your teachers for extra help during flex time.
- **Students and parents can check their child's progress on PowerSchool and upcoming assigned work on the Cochrane High website** (Science 10 calendar).
- **Do not cheat!** Any of the following examples could result in a grade of "0".
 - Presenting information collected, organized, or envisioned by someone else as your own (with or without the author's permission) or allowing someone else to present your work as his or her own.
 - Taking shortcuts (such as unauthorized use of study aids) that allow you to bypass steps of an assignment.
 - Using forbidden material to "help" during an exam, such as cheat sheets, graphing calculators, or cell phones.
 - Asking about or sharing questions and/or answers to quizzes and exams.
 - Submitting the same work for more than one assignment without express permission from your teacher(s).
 - Altering corrections or scores with the intent of changing your grade.

- Misrepresenting yourself in any way to your teachers in regard to the work you have done, such as saying you've turned in an assignment when you did not, or that you've worked hours longer than you actually did to complete an assignment.
- Fabricating information to try to earn more time or more credit on an assignment, project, or exam.
- Missing class in order to avoid turning in an assignment or taking a test.
~ taken from the Cochrane High School Student Handbook 2012/13

EXPECTATIONS: RESPECT

- **Students are expected to act and speak respectfully** to all adults and students in the classroom at all times. This includes maintaining the learning environment for everyone to be able to learn and work to the best of their ability.
- **Digital Citizenship:** Classroom expectations around technology to ensure the greatest success and security of students include:
 - Students are responsible for the proper and responsible use of technology in the class during appropriate times. Any **sharing of technology** in the class is at the student's discretion. If damages or loss of material results, it is the student owner's responsibility.
 - **Theft** of any devices will result in immediate removal from the class until the issue is resolved by administration.
 - Devices from laptops to cell phones are to be **used in class appropriately** for academic purposes (not games, videos, chatting or facebook). After an initial warning (this reading!), failure to do use devices appropriately will result in devices being given to the teacher or administration for the duration of the class. If the problem persists, students will be directed to administration and parents will be contacted.
- **For safety reasons, food, gum and drink other than water are prohibited** in the science classroom.
 - If you or your parents need to contact me for any reason, you can email me at any time at Imoore@rvschools.ab.ca

GOOD LUCK IN SCIENCE 10 THIS SEMESTER. ENJOY!!

The scientist is not a person who gives the right answers, he's one who asks the right questions.
~ Claude Levi-Strauss

