**Science 24 Course Outline**

Mr. Polson kpolson@rvschools.ab.ca

**Objectives:**

-To encourage all students to develop a critical sense of wonder and curiosity about scientific and technological endeavours.

-To enable students to use science and technology to acquire new knowledge and solve problems, so that they may improve the quality of their own lives and the lives of others.

-To prepare students to critically address science related societal, economic, ethical, and environmental issues.

-To enable students, of varying aptitudes and interests, to develop a knowledge of the wide spectrum of careers related to science, technology, and the environment.

**Text:** Science Connect 2, McGraw-Hill Ryerson Ltd., 2003

**Course Content:**

Unit A- Matter and Chemical Change

Unit B- Energy Transformations

Unit C- Disease Defence and Human Health

Unit D- Safety in Transportation

**Evaluation:**

Assessments, labs, projects 50%

Unit Tests 20%

Final Exam 30%

**Expectations:**

**- All students are expected to adhere to the norms of a working environment that is positive and supportive. Hats, jackets, and excess baggage are to be left in your locker. Responsibility for yourself with respect to attendance, punctuality, and behaviour are paramount to success, and are expected.**

- Be on time for class. Three lates will result in a noon-hour detention.

- Be prepared for class. Have your pencil, paper, ruler every day. Expect to complete the work the class is given, every day. You can never take a day off!

- Students are not permitted to leave the class once class has begun. Bring a water bottle with you and visit the bathroom before class begins.

- Food and sugar-based drinks may not be consumed in Science class.

- Cell phone use is not permitted. You may put your phone on silent and place it in your school bag. If I see a cell phone, I will confiscate it and hand it in to the office. It can then be picked up at the end of the day. Second offence results in parent/guardian being notified and the parent/guardian coming in to get the phone. Third offence is referred directly to administration.

- If you miss a class due to illness or field trip, any work that you miss is your responsibility. Tests or other evaluations will be written the day of your return.

- Check your grade periodically on PowerSchool. Be certain that you have been rewarded for the work you have done. A zero with a “missing” icon is showing that you have not handed in what you needed to. The zero will be replaced when you submit the work, or we agree on a mark for the work you did. You cannot opt out of completing any evaluation. If work is not completed, you will have to come in during Flex, or stay at lunch if you are not taking responsibility for your work.

- Extra help is always available at Flex, or at lunch by appointment.

- REMEMBER, you need 10 science credits to graduate. Be consistent with your attendance and effort and you will have great success!