

Grade 9 Science 10F

Instructor: **Mrs. Ashcroft**

Room: **212 SVRSS**

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School #: 204-734-4511

Text: Hounjet, C. (2013). **Pearson Science 9: Saskatchewan edition.** Pearson Canada.

Learning, Respect, Responsibility and Safety

Students are to be in class, on time, ready to learn with appropriate materials.

Students are to conduct themselves in a safe and respectful manner.

Each student is responsible for his/her own learning and for the positive behaviours necessary to learn in a group environment.

Description:

This course is set up to address the wonders and curiosities of the nature of science.

Students can discover the significance of science in their lives through scientific inquiry, Indigenous scientific inquiry, technological problem-solving and decision making.

Electricity

Identify electrical particles and demonstrate how electrostatics works.

☒ Charges, conduction, induction, insulators, and grounding

Demonstrate and explain the nature of current electricity.

- ☑ Series and parallel circuits (voltage, resistance, current, voltmeter, ammeter)

Recognize daily consumption and efficiencies of electricity in everyday life

Space

Observe and locate visible and celestial objects.

- ☑ Planets, moons, stars, comets, and asteroids, etc.

Investigate ways in which Canada contributes to space research.

- ☑ Technological advancements
(Canadian Space Station and Canadarm)

- ☑ Effects of space travel (health and body)

Evaluation:

FORMATIVE ASSESSMENT is everyday work that is monitored but does not count towards a final grade. It is an indicator of curriculum outcome comprehension that students have from completing work during class time or for homework. Observations, conversations with students and daily work will be used in this form of assessment.

SUMMATIVE ASSESSMENT includes assignments, quizzes, tests (accumulated assessments) and the exam (final assessment). All summative assessments count towards a student's final grade. Students, who do not complete formative work, may find summative work difficult.

Assignments 30%

Demonstrations: Labs & Quizzes

15%

Tests 30%

Projects 10%

Final Exam

15%

The Provincial Assessment Policy K to Grade 12 (2011) states “...students are

ultimately responsible for the timely completion of their assignments and for knowing that there are consequences for failure to adhere to the parameters.”

Attendance:

Attendance is checked daily. If a student knows ahead of time that they will be away they should request any assignments that will be missed before leaving to help to meet assignment deadlines and understand concepts taught in class.

Test Preparation:

Students will be given a minimum of 3 school days' notice for tests. Quizzes can be given at random. All questions for testing will come from materials covered in class and from handouts given.

Exam:

There are **EXEMPTIONS** in this course.

Students may qualify for an exemption if they have a grade of 85% or higher and have met all class expectations. A grade of 84% does not qualify as there is an entire semester to earn the 85%. Truants and missed or incomplete assignments will void any exemptions. For exam writers, a minimum mark of 50% overall in the course, is necessary to receive a credit for the course. Low exam scores may indicate that a student may need to rewrite the exam, and this will be addressed during exam week. I encourage all students to strive for excellence to avoid any possibility of credit loss!

Materials Needed:

Pens, pencils, ruler, protractor, loose leaf, thin notebook for labs, binder, and a calculator.

You will need use all these materials throughout the duration of the course. On occasion you may need to bring graph paper, coloured pencils and various supplies from home for labs.

Expectations:

Students are expected to put forth an **honest effort**, attend class **on time, daily** with materials and **display a respectful, cooperative, responsible attitude and behaviour towards other class members, EA's and substitute teachers.**

SVSD Digital Citizenship Policy:

According to the Digital Citizenship Policy 203 and Cell Phone Use Policy 230,

“Students [in Senior Years & Post-Secondary] are banned from using personal devices during class time unless directed by the teacher for an education activity. Swan Valley School Division is committed to equitable access to all learning activities by students, so Divisional ICT devices will always be the first option provided to students.”

“The SVSD is not responsible for loss/theft/damages incurred to personal ICT devices including physical or data damage.”

Electronic Device Classroom Policy:

- **Respectful use:** Personal devices (phones, laptops, smart watches, e-readers, tablets, etc.) should be on silent

& either in your locker or placed in the classroom's designated safe area at the start of class; headphones/air pods/ear buds must be removed as well

- **During absences:** When leaving the classroom for any reason, devices are to be left behind, ensuring they don't become a distraction
- **Classroom resources:** You'll have access to school-issued devices to help with any activities or assignments during class