



Science 8

Course Outline

Course Layout *The course is broken down as follows:*

| Unit | Topics |
|--------------|---|
| 1 | All About Cells |
| 2 | Your Body's Systems |
| 3 | The Defense System |
| 4 | Waves and the Electromagnetic Spectrum |
| 5 | Light, Mirrors, and Lenses |
| 6 | Human Vision |
| Midterm Exam | |
| 7 | States of Matter and the Kinetic Molecular Theory |
| 8 | Density |
| 9 | The Concept of Force |
| 10 | Fluids |
| 11 | All about water |
| 12 | Water and Ice: Shaping Landscapes |
| 13 | Life in Aquatic Environments |
| Final Exam | |

Grading *Your grade for this course will be calculated as follows:*

| Item | Weight |
|-----------------------|--------|
| Labs and Unit Quizzes | 50% |
| Module Projects | 20% |
| Midterm Exam | 15% |
| Final Exam | 15% |

Learning Guides:

Learning guides are provided as a way to create guided notes for students to use as they are learning the materials in each unit. These should be completed as students work through each lesson and then marked by the student or with the help of a parent before completing the Unit Quiz.

Unit Quizzes & Labs:

Before you write a unit test, you must send in all assignments leading up to the exam. All submissions **MUST** be very neat and well organized. If you can't figure out a question, you should be researching the answer, and then asking for help.

Projects:

Projects allow you to make some choices on how you wish to enhance your understanding. As you work through units look for projects that will enhance your understanding in areas of interest and/or weakness.

Exam Supervision:

Quizzes can be done on your own (not supervised). Use them as practice – ie. give them a try first, then refer to notes if you need a little extra help. Keep track of where you needed help and review prior to your second try and/or unit exam.

All exams are "closed book" and require supervision. To make an appointment to write your exams, please contact our office by calling 250-564-6574. If you are unable to access the testing room at John McInnis to write your exams, you will need to find a teacher that will supervise your exams. Please have them fill out a test supervisor form and testing materials will be sent to them.

Resources:

No textbook is required for this course

Keys to Success:

1. Actively work through each lesson, trying examples and reflecting on material.
2. Use the Learning Guide as your tool for documenting your understanding. Lay it out neatly and well organized.
3. Make sure you understand any quiz/exam question you get wrong. If you can't figure it out - ASK!
4. Be sure to use your Moodle message system for regular communication with your instructor.