**Welcome to Science 24!**

St. Joseph Catholic High School - Room 233

Mr. Allison (shawnallison@gpcsd.ca)

**You will need the following supplies:**

* 3 ring binder with lined paper
* Pens, pencils, ruler, eraser
* Scientific calculator

**Classroom Expectations**

1. This classroom will revolve around Mr. Allison’s three R’s:
2. **Food and Drinks**: ***no*** food allowed and only drinks with lids are allowed in the classroom. You will need to come ***ready*** for class with these items; you will ***not*** be allowed to leave class to get them.
3. **Assignments/Labs:** will be due the beginning of the next class unless I tell you otherwise. I will only approve late assignments due to extenuating circumstances. It is your ***responsibility as a student*** to make me aware of any problems you are having with assignments or course material.
4. It is your ***responsibility as a student*** to have someone in the class to gather the assignments for you if you miss a class.
5. **Absences:** Please see the student manual for the school policies about lates and absences.
6. **Plagiarism, cheating, and academic misconduct**: Please see the student manual for the school policies regarding these issues.
7. **Cell phones and music players:** All cell phones and music players must be left in the container at the front of the class and retrieved on the way out. If you are seen using a cell phone during class it will be taken away and you will have to retrieve it from the Principal at the end of the day. Music players are allowed at a low volume during ***individual*** work time only.
8. **Lab:** there will be strict rules regarding lab procedures that will be discussed thoroughly in class. These rules are put in place for your safety and for that of your classmates. Any misconduct during labs will result in you losing your lab privileges for that particular lab and you may lose lab privileges for the entire semester.

**Unit Outline and *Tentative* Schedule:**

**Unit A: Matter and Chemical Change**

* Chapter 1 – Useful Chemistry
* Chapter 2 – Common Reactions in Our Lives
* Chapter 3 – Types of Chemical Reactions
* Chapter 4- Reactions and the Environment

**Unit B: Energy Transformations**

* Chapter 5 - Energy Transformations
* Chapter 6 – Electric Energy at Home
* Chapter 7 – Energy for Life
* Chapter 8 – Fossil Fuels

**Unit C: Disease Defence and Human Health**

* Chapter 9 - Disease
* Chapter 10 – Society’s Response to Disease
* Chapter 11 – Protecting Yourself from Disease
* Chapter 12 – Genetics and Health

**Unit D: Safety in Transportation**

* Chapter 13 – A Need for Safety
* Chapter 14 – The Nature of Speed
* Chapter 15 – The Physics of Collisions
* Chapter 16 – The Technology Safety

**Course Evaluation**

Assignments 20%

Labs 20%

Unit Exams & Quizzes 20%

Final Exam 40%

100%