

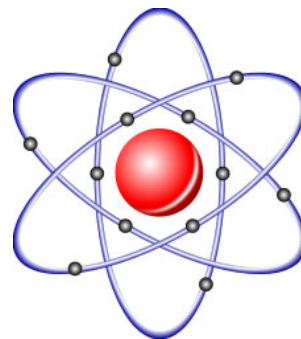
## Science 8 Course Outline

**Ms. Johnston**

Rm. 106N

Johnston\_he@surreyschools.ca

(604)538-6678 Ext. 2106



**Textbook:** BC Science Connection 8

**Note Package and Workbook:** \$15.00

**Website:** <http://johnstonsd36.weebly.com>

Welcome to Science 8! In this course, we will explore a wide range of scientific topics, from how living things function to why earthquakes occur.

### Expectations

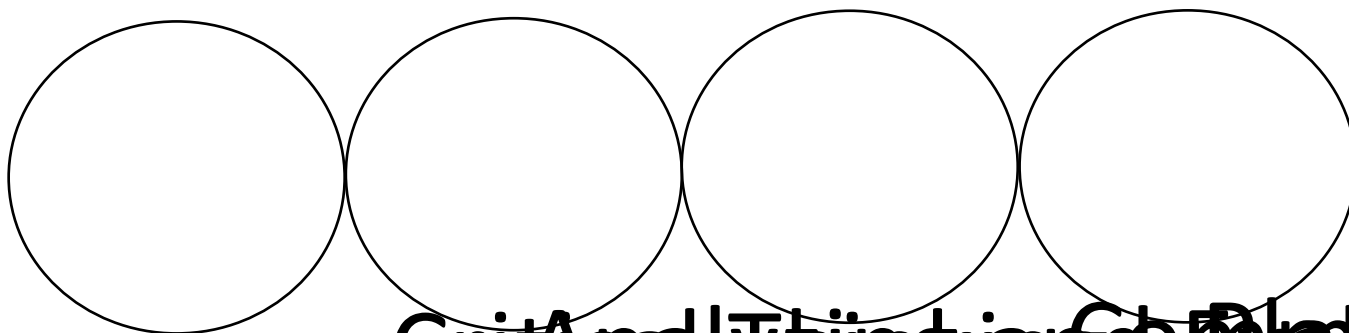
- Treat everyone in the class with respect.
- Be prepared for class – bring required materials and assignments.
- Respect your environment – keep the classroom clean and tidy.
- Complete all in-class and take-home assignments, and keep them orderly in a binder
- Behave responsibly in class - come prepared to learn and contribute.
- No food, gum or drinks in class unless otherwise noted. (bottled water permissible)

### Course Content:

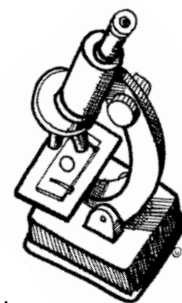
<b>Unit</b>	<b><i>In this unit, you will learn...</i></b>
Biology	-cells are the basic unit of life
Physics	-energy can be transferred as both a particle and a wave
Chemistry	-the kinetic molecular theory and the theory of the atom explain the behaviour of matter
Earth Science	-the theory of plate tectonics is the unifying theory that explains Earth's geological processes

### Curricular Competencies:

In addition to learning course material, it is important that students are able develop the following general science skills:



**Critical Thinking and Communication**



### **Equipment and Supplies**

1. For each class period, you will be required to bring:
  - A pencil or a pen, ruler, erasers
  - A notebook with enough paper to last the period
  - Scientific calculator (if necessary)
2. You will need a separate 1½ inch science 9 binder in which loose-leaf paper and worksheets may be kept.

### **Assessment**

Assignments/Projects/Labs	35%
Tests and Quizzes	40%
Inquiry Projects	15%
Final Exam	10%

#### **Letter Grades**

A = Excellent  
B = Very Good  
C+ = Good  
C = Satisfactory  
C- = Minimally Acceptable  
I/F = Failing

### **Absences/Lates**

Being late may cause you to miss important information and disturbs the learning of others. If you are late and the door is closed, please wait to be admitted into the classroom, and then quietly join in with the class's activities. Recurring offenses will be dealt with through phone calls home, detentions and/or referrals to the Vice Principal.

You are responsible for obtaining missed class notes and assignments if you are absent/late. You may speak to your classmates or the teacher for help on catching up on missed work. **Tests or quizzes missed** due to excused absences should be made up within a week. Contact Ms. Johnston upon your return to arrange for a time to complete the assessment.

### **Technology**

Cell phones, computers, and iPads will be often for educational purposes in this class. However, inappropriate use of cell phones (i.e., texting/gaming/watching videos during instructional time) may result in the phone being taken away for the remainder of class. Repeated offenses will result in the phone being turned over to the office for pick-up at the end of the school day.

### **Extra Help**

If you have problems with homework, assignments or the course content, please do not hesitate to ask Ms. Johnston for help. We can set up a time to meet, or you can drop by in the mornings and/or after school.

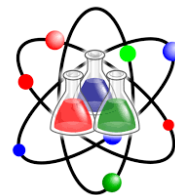
### **Contact Info**

If you need to contact me outside of school hours, please email me at Johnston\_he@surreyschools.ca

### **Website Information**

Ms. Johnston maintains a website that includes links to the course notes. A homework page is updated daily for absent students and for those unsure of their required work for the next day.

Access to the website is available through the school website; select Staff along the top button bar, and click on Ms. Johnston's name. It can also be accessed directly through the URL <http://johnstonsd36.weebly.com>.



## Science 8 Expectations Agreement Form

### To The Student:

Welcome to Science 8! All students who conscientiously apply themselves should be successful in this course. Should you have any questions please do not hesitate to contact me. Please sign below to indicate that you have read and understood the expectations and responsibilities described in the course outline.

Name (write clearly) : \_\_\_\_\_

Signature (Student): \_\_\_\_\_

Student Email: \_\_\_\_\_

### To the Parent/Guardian:

I have gone through the course expectations with the class and have asked that your child show you the course outline so that you have a good idea of what this course is all about. Please sign below to indicate that your child has shown you the outline. **In addition, please ensure that both you and your child have signed the safety contract for lab activities on the attached sheet.**

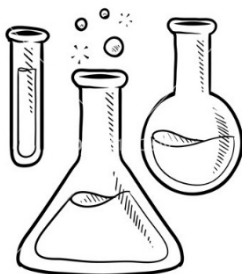
**A class note package and workbook are available for purchase at a total cost of \$15.00.** Should you or your student opt not to purchase the package, the notes are available for downloading and printing from my website at [johnstonsd36.weebly.com](http://johnstonsd36.weebly.com). Workbooks may be signed out, but students will be charged the full cost of the workbook should they choose to write in them.

If you have any questions regarding your son/daughter's progress or assignments, please do not hesitate to contact me. It is easiest to reach me by email at [johnston\\_he@surreyschools.ca](mailto:johnston_he@surreyschools.ca). However, if you'd prefer to speak to me in person, you can leave me a message at (604)538-6678 Ext. 2106 and I will get respond after school hours.

The Elgin Park Science Department would like to thank you in advance for your support in the upcoming semester.

Sincerely,

Ms. Heather Johnston  
Science Teacher  
Elgin Park Secondary  
[Johnston\\_he@surreyschools.ca](mailto:Johnston_he@surreyschools.ca)  
Ph. 604-538-6678 ext. 2106



Signature (parent/guardian): \_\_\_\_\_

Email Address: \_\_\_\_\_

Preferred Contact Phone Number: \_\_\_\_\_

## Student Safety Contract for Laboratory Work

Class: \_\_\_\_\_ Student's Name: \_\_\_\_\_

Teacher's Name: \_\_\_\_\_

### I WILL:

1. Follow all written and oral instructions given by the teacher.
2. Ask questions, or state concerns before beginning a lab procedure.
3. Behave in a manner that will ensure the health and safety of myself and others in the laboratory or classroom at all times.
4. Use protective devices for my eyes, face, hands, body and clothing during laboratory activities.
5. Know the location and use of first aid and fire extinguishing equipment.
6. Refrain from eating, drinking, chewing gum or applying cosmetics in the laboratory.
7. Keep my work area clean and free of clutter during a lab class.

**I understand and realize that many accidents are caused by carelessness and being in a hurry. I will come to class prepared to be responsible so that the safety and welfare of myself and others is not jeopardized.**

**I have read the set of written safety rules prepared by my teacher on the back of this sheet, and agree to follow these and any other safety rules.**

Student's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Teacher's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Please list any known allergies or health problems:

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### **THIS SECTION IS ONLY FOR STUDENTS WHO WEAR CONTACT LENSES:**

*Contact lenses are not recommended to be worn in the laboratory as certain chemical fumes or small particles may become lodged under the lens. Please be aware of the slight increase in the risk of eye damage for contact lens wearers as compared to students in similar situations without contact lenses. All students must wear safety goggles in certain activities, even if they wear contact lenses or prescription glasses.*

*Please check the appropriate choice below and sign. Whatever you decide, it is up to your son/daughter to follow your choice.*

1. My child will wear contact lenses under goggles during labs: \_\_\_\_\_
2. My child will remove contact lenses prior to lab and wear glasses under goggles: \_\_\_\_\_

Parent/Guardian Signature: \_\_\_\_\_ Date: \_\_\_\_\_