

Applied Science and Technology 306
COURSE OUTLINE
2018-2019

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*It is imperative that you check the homework homepage daily. I will assign homework in class, which will then be posted with due dates on the homework page. **This website is accessible on your smartphone.***

In Grade 9 Science this year, we will study the following:

The Living World	The Material World	The Technological World
<ul style="list-style-type: none">• Cell Division• Tissues, Organs, and Systems• The Body Systems• Reproduction	<ul style="list-style-type: none">• Properties of Matter• Changes in Matter• Organization of Matter• Fluids• Waves	<ul style="list-style-type: none">• Graphical Language• Mechanical Engineering• Materials• Biotechnology

Course Materials

You will need to bring the following items to every class:

- student agenda
- pencil
- *bound notebook (no looseleaf!)*
- calculator, ruler
- note binder
- Textbook (*Observatory: The Human Organism*) and workbook

Evaluation and Assessment

Your final grade will be based on a combination of the following evaluations:

Exams
Tests
Quizzes
Laboratory Reports
Assignments
Learning Evaluation Situations (LES) and Projects
Activities

The Report card will contain 2 sections:

Theory (60%)	This is your knowledge of science, evaluated mainly by tests, quizzes and assignments.
Practical (40%)	This is your ability to put your knowledge to use, evaluated mainly by lab activities, labs, and projects

Term Weightings

First Term:	20%
2 nd Term:	20%
3 rd Term:	60%

Missing a Test or Quiz

Tests must be written on the scheduled day. If you know ahead of time that you will be away, alternative arrangements must be made before the test date. Missed tests will be written on your own time at lunch.

Late Policy

All late arrivals will be recorded and detentions are served with the office.

Absences

You are responsible for catching up on class notes and completing any assignments, tests or quizzes for which you were absent (no grade exemptions will be given for missed work). If you are aware of your absence in advance, please let me know.

Class Procedures

We all must respect one another. My foremost request is that you do not talk while I am speaking – whether it is during attendance or when I am at the front of the room speaking to you.

Your responsibilities include all of your materials to every class. **Please do not do science work in pen.** You need your binder and your texts and homework. You will not be permitted to go to your locker, as per school rules. As well, you must hand in all assignments on time. While I am somewhat flexible about late assignments due to illness or other excused absences, I expect you to see me the day you return from illness, **whether we have class that day or not**, to get your missed work. You need to be caught up at all times because you will quickly get behind. Assessments not turned in will result in study-hall appointments until I receive the missed work.

Plagiarism

Many students, afraid that their incomplete homework will be checked by me, copy another's answers at lunch or prior to class. *If you do this, it is cheating, and I will give a grade of zero for the assignment and refer you to the administration for disciplinary action.* The integrity of everyone's individual grade is important, especially as this course is needed for both high school graduation and post-secondary admission.

Safety

Safety is paramount in a science laboratory. You must not use any of the equipment jokingly or inappropriately, as I will ask you to leave and you will not be able to finish the work or gain valuable hands-on experience. As well, for labs involving Bunsen burners, chemicals, or power tools, safety goggles, closed-toed shoes, and hair-tied back are mandatory.

I am sure we will have an excellent time in STA 306. Study hard!