

# Biology 12

Prerequisites: GMF 10 & Science 10

**Teacher:** Mrs. Monica Côté

**Email:** monica.cote@nbed.nb.ca

Room 208

Welcome to Biology 12! The goal of this course is to build an understanding of life on a molecular level. Students will develop an understanding of how organisms grow and pass along genetic information to future generations and how this impacts living things at the species and population level. Students will continue their understanding of body systems from the Biology 11 course by investigating how multicellular organisms maintain equilibrium.

Students will be able to apply for a level 1 credit through completing the request form. To acquire a level 1 credit students will be expected to complete additional expectations to further their learning in Biology. There will be additional outcomes they must complete and will be required to complete a proper biological paper and give a presentation on a topic of their choice.

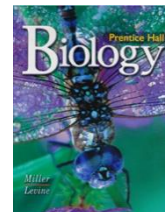
## Important Information

**\*Extra Help:** Available by appointment (speak to Mrs. Côté directly) between 12:30 and 1:00 on Tuesday and Thursdays.

**Daily Work:** I will be putting our daily lessons and work on Microsoft Teams under the Classroom Notebook tab. It is the student's responsibility to obtain and make up any missed work as soon as possible. I also have "Did I miss anything?" folders under my student centre containing worksheets/assignments that are handed out students are expected to collect when they return.

**Textbook:** Pearson "Biology"

Students will have a choice to either sign a textbook out or use online materials provided on Teams. If a textbook is signed out and is not returned at the end of the semester the cost of replacing the textbook will be the responsibility of the student.



\$132.75

**Materials:** the following materials are required for this course

- ✓ Binder
- ✓ Lined paper
- ✓ Pencils and erasers
- ✓ Pens
- ✓ Earbuds
- ✓ Electronic device (beneficial to learning)

**Homework:** Students are expected to complete any unfinished class work at home so as to be prepared for the next day. This class work will consist of outcome practice and is directly connected to the understanding of the essential outcomes. Students who are not completing their work either in class or at home stand a chance of falling behind in the course.

## Essential Learning Model

The Biology 12 course will follow the essential learning model which is a form of assessment that gives students the opportunity to work at their own pace allowing them to understand the key concepts defined as essential outcomes. Students will learn to focus their understanding on the essential outcomes rather than just memorize the materials being delivered to them. Students will need to prove they have a good understanding of the essential outcomes to receive 60% (passing mark) in the class.

Once students are comfortable with their essentials, they can further their understanding of the topics by completing extensions. The extension material will be collected by students in a portfolio that can be used to complete their extension test after each unit. This will make up 20% of their overall mark. The materials to complete the extensions will be found in the classroom and under the Class Notebook tab on Teams.

The focus of this course will be on the students' progress in understanding the essential outcomes rather than their overall mark in the course. An overall mark will not be provided until the end of the class as students must complete all outcomes for the course before they can receive a passing mark in it. At the reporting period students will have a progress report instead of a mark indicating the outcomes they have been successful with and the outcomes they are still working towards as well as information to help you understand their work ethic.

**Note:** successful essential outcomes will be recorded on the Parent Portal so you are able to see the progress of the students understanding. Please encourage students to be working towards better understanding the outcomes they have not achieved. **Extension and exam mark values are only applied to a student's overall mark if they have proven that they understand all essential outcomes through quizzes and conferencing.**

### Grading Scheme:

- Essential Outcomes ----- 60%
- Extensions ----- 20%
- Exam ----- 20%

### Classroom Expectations:

1. Follow the school **policies** that will be sent home electronically through Power School Messenger.
2. **Respect** the materials and individuals in the classroom.
3. Arrive to class each day **on time, on task** and **ready to work**.
4. **Take responsibility** for your choices and your learning.
5. **Be attentive** in class and refraining from distractions such as electronics that are not being used as classroom tools.
6. **Missed assessments** are to be complete the day the student returns to class.
  - Ear buds and use of cell phones will be prohibited during any instructional time in class.
  - Music will be allowed during work time if it is kept to a low volume.