

# Science for Citizens 11 Course Outline

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## **About the Course:**

Science for Citizens 11 aims to build competency across three big ideas:

- Scientific processes and knowledge informs our decisions and impacts our daily life
- Scientific knowledge can be used to develop procedures, techniques and technologies that have implication for places of employment
- Scientific understand enables humans to respond and adapt to changes locally and globally

Students will focus on building competency on these big ideas through questioning and predicting, planning and conducting, processing and analyzing data and information, evaluating, applying and innovating and communicating.

This course will focus on hydroponic growing methods.

## **Required Text:**

- We will not be using a textbook for this course

## **Required Materials:**

- 3 ring binder with lined paper
- Pen, pencil, ruler, pencil crayons

## **Assessment:**

Student learning will be assessed in many ways. This includes, but is not limited to, tests, quizzes, assignments and projects.

SFC 11 is a hands-on lab-based course. Attendance is mandatory for success. Students will be assessed on their lab work and behaviour each lab day. Failure to attend lab will result in a mark of zero for that lab.

## **Behaviour Expectations:**

### Strive for success:

- Be prepared for class and stay organized.
- Use class time effectively. This will not only give you the opportunity to ask for help when you are having difficulties, but will also minimize the amount of work you will need to take home with you.
- Remove distractions. Distracting yourself with an electronic device during class will have a negative impact on your learning. These devices should not be seen or heard. Please note, however, that there may be certain activities where you will be encouraged to use a smartphone.
- Complete the assigned practice prior to the next class.

### Be respectful:

- Respect your teacher and your classmates. We should all strive for a positive learning environment.
- Respect the classroom by removing all garbage and recyclables.
- Respect classroom equipment and supplies by using them appropriately and returning them to their designated containers.
- Arrive to class on time. You are a distraction when you are late. You will also miss important feedback on your progress towards the learning outcomes and may miss part of the lesson.