



CURRENT FSL STUDENT PROFILE

“Recently, I read about how scientists have developed a new material that is a super strong and reversible adhesive—similar to snail secretion! This made me think about how many other innovations that don’t currently exist are possible to create by studying how animals work.”

—Angela Hu, Coquitlam

LOOKING FOR A CHALLENGE OUTSIDE OF THE CLASSROOM?

“She is **creative** and **curious** in an environment that allows her to continually ask questions and that’s been wonderful.”

—Lynn, parent of an FSL student



Hebah Hussaina



STAFF HIGHLIGHTS

“My favourite part of FSL is the students! The way that FSL works is continual sharing of knowledge—even though we work to deliver the scientific reasoning sessions and the fellows sessions, the students come from such diverse backgrounds, bringing new perspectives, that I reciprocally learn from them, and they inspire me to continue to learn!”

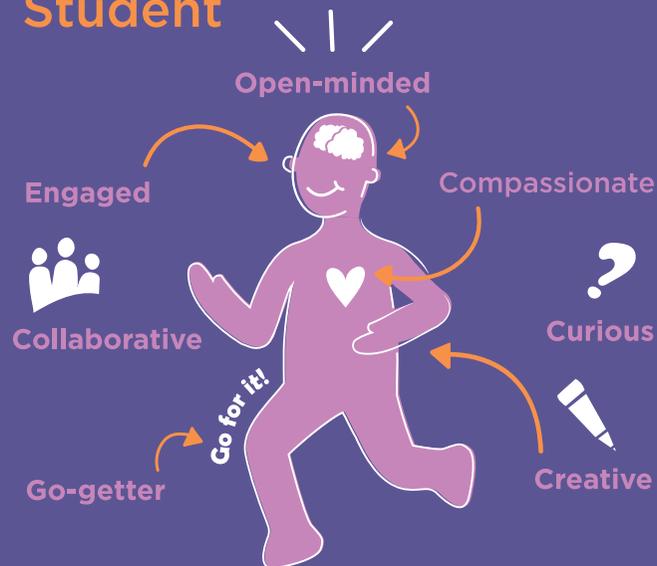
—Hebah Hussaina, Surrey Coordinator



STIMULATE YOUR STUDENTS' PASSION FOR STEAM WITH FUTURE SCIENCE LEADERS!

The *FSL* after-school science enrichment program opens up the world of STEAM to secondary school students. Participants interact with experts from diverse STEAM fields (science, technology, engineering, art and design, and mathematics) and learn scientific skills through a hands-on approach. Your students will engage with the nature and process of science, unleash their creative potential and build a life-long network of like-minded peers. Through *FSL*, students are encouraged to achieve their educational goals and excel in their future endeavours.

Ideal FSL Student



PROGRAM GOALS FOR STUDENTS

- Develop and encourage their interest in STEAM careers and fields
- Deepen their understanding of the nature of science
- Practise the skills inherent to the scientific process
- Strengthen the scientific communication skills necessary to make science more relatable to the public

FSL MAKES LEARNING FUN AND DYNAMIC BY

- Taking students on field trips to businesses where employees have STEAM backgrounds
- Introducing students to experts from diverse STEAM fields, whom they can interact with
- Creating a lifelong network of like-minded peers
- Developing students' skills, such as:
 - Keeping records in a lab notebook
 - Researching reliable information
 - Presenting data in a meaningful manner
 - Writing proposals and designing an experiment
 - Visually and verbally communicating projects as scientific posters
 - Reading a scientific journal article efficiently
 - Communicating scientific ideas to the public through blogging

CURRICULUM LINKS

CURRICULAR COMPETENCIES

- Communicating
- Evaluating
- Processing and analyzing data and information
- Planning and conducting
- Questioning and predicting

CORE COMPETENCIES

- Communicating
- Critical thinking

FSL 2020-2021 DATES AND INFORMATION

FSL programs run September 2020 to May 2021:

- **Tuesdays 4pm-6pm** at Science World
- **Tuesdays 6:30pm-8:30pm** at Science World
- **Wednesdays 4:30pm-6:30pm** at the Health and Technology Innovation Hub, Surrey

Students who will be in Grades 10 or 11 in September 2020 can apply. Application due date: **May 1, 2020**

For more information and to sign up for notifications, visit

scienceworld.ca/futurescienceleaders



FSL ALUMNI TESTIMONIAL

"I loved *FSL* because of the opportunities I gained and the people I met. Every week was new, exciting and definitely something to look forward to. Coming in to sessions was often the highlight of my week. *FSL* has definitely changed my career goals in exciting ways because when it came to my future job, I was clueless (like most grade 11 students!). Because of the support from *FSL*, I did a science fair project which taught me a lot about myself and my interests. I learned about a whole new world of science that I had never considered before. I'm not set on one exact career now either, but I am definitely more open to different science pathways!"

—Megan Nantel, *FSL* 2012, applied physics graduate student at Stanford