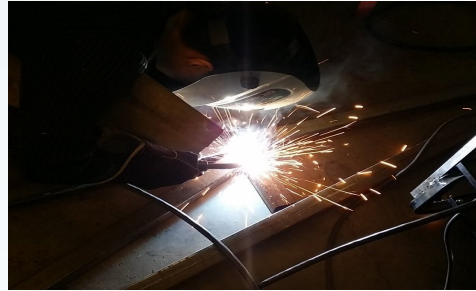
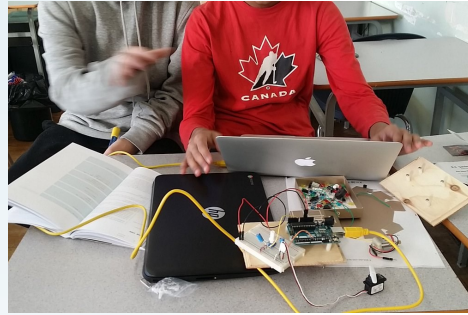


Why STEM?

- ⇒ Cross-curricular learning environment
- ⇒ Project-based /real world applications
- ⇒ Computer Programming/ Technical “Hard and Soft Skills”
- ⇒ Inclusive
- ⇒ Creativity/innovation
- ⇒ Field Studies: Industry and Post- -Secondary Institutions



Heather Symons:
hsymons@vsb.bc.ca

Ailin Wong: aiwong@vsb.bc.ca

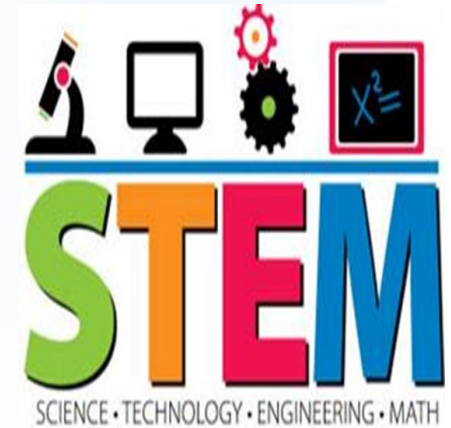
John Silver :jsilver@vsb.bc.ca

John Oliver Secondary School
530 East 41st Ave.
Vancouver, BC
V5W 1P3
604-713-8938 v
<http://jo-online.vsb.bc.ca/>
@JO_School

John Oliver



STEM



Application Process

- ⇒ Applications go out in January
- ⇒ Return application Feb. 1
- ⇒ Notification through student timetable (May)
- ⇒ Can enter/exit each year
- ⇒ Reapply each year in January



STEM COURSE PLAN

STEM 9: Science	English 9
STEM: Math 9	Physical Education 9
STEM: Electronics and Robotics 10	Elective
STEM: Power Technology 10	Elective

Grade 10

STEM: Science 10	English 10
STEM: Math 10	Career Education 10
STEM: Electronics 11	Social Studies 10
Physical Education 10	Elective

Grade 11

Science 11: Physics/Chemistry/ Biology	English 11
Math 11: Pre-Calc/A&W/ Foundations	Socials 12
STEM: Electronics 11 STEM	Elective
STEM: Robotics STEM 12	Elective

Grade 12

Science 12: Physics/Chemistry/ Biology	English 12
Math 12: Calculus	Elective
STEM: Mechatronics 12	Elective
STEM: Industrial Coding and Design STEM 12	Elective