
Jeff W. Bell

Educator

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Overview

I am a caring educator with quality leadership experience in multiple school domains, and possess a high drive for learning and a passion to incorporate new ideas into my teaching practice. I have a wide range of teachable skills that include Grades 6-12 Math and Science fields, and am currently spending my time focusing on learning and creating Computer Programming academic courses. Outside of the classroom I enjoy working with students on interpersonal skills and teach yoga as a way to stay healthy.

EXPERIENCE

Rothesay Netherwood School - *Science Department Head*

July 2018 - Present

- Managed largest academic budget at school:
 - Addressed both inventory maintenance and growth opportunities.
 - Worked closely with teachers to order equipment and consumables based on need.
- Curricular & Instructional oversight:
 - Practiced consistent dialogue with department teachers on best practices.
 - Helped new teachers become comfortable with the environment and courses.
 - Made recommendations to the Head of Academics on class sizes and departmental needs.
- Interpersonal skills and staff placement:
 - Ensured that staff could deliver excellent instruction by managing the number of class preps and level of course difficulty given to them.
 - Accommodating approach to course selection since becoming department head (I always chose my own classes last!)

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- Brainstormed solutions to problems and created new initiatives:
 - Regularly helped with and discussed interdepartmental issues such as timetable, staffing, and common tools for academic delivery.
 - Currently pushing for cultural awareness and strong anti-racist training at our school.
 - Assisted with Development of New Academic Science Building:
 - Meetings concerned physical space requirements of new academic building.
 - Future planning for lab-spaces and researched companies for lab-build tenders.
 - Was consistently called upon for quick reference during the build, and researched best practice for lab design during the process.
 - Great experience for further understanding the donation structures and bottom line of independent schools.

Rothesay Netherwood School - *Residential Houseparent*

July 2017 - Present

- Managed 30 local and international students a year in the Kirk House Dormitory:
 - Provided emotional support for students on a daily basis.
 - Acted as guardian for students away from home.
 - Ensured that parents were well-involved with their child's development, including consistent dialogue in an effort of 'co-parenting'.
 - Managed both girls and boys in a co-ed facility (2019-2020).
- Worked outside of regular school hours:
 - Schedule encompassed supervision from morning wake up to final night-time rounds (15+ hour days).
 - Provided parental guidance and structured activities on weekends.
- Managed a house budget:
 - Ensured that common student needs were met.
 - Autonomously operated the budget.
 - Planned celebratory outings and events through the year (Movie theatre night & pizza parties).
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Rothesay Netherwood School - *Faculty*

September 2015 - PRESENT

- General Faculty Roles
 - Creation of 3 Effort Reports per year (non-numeric report card).

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- Creation of 3 Cumulative Reports per year (included numerical grade and a specific comment for each student).
 - Attendance at numerous events outside of regular work hours.
 - Commitment to academic and extracurricular programs.
 - Advisor to a group of High School students.
 - **Grade 9 Computer Engineering**
 - ***Developed Computer Engineering (Grade 9) course from scratch.***
 - ***Taught the Python programming language.***
 - ***Proposed, purchased, and managed a class set of Raspberry Pi computers.***
 - ***Integrated Python programming to Raspberry Pi's.***
 - ***Created several major projects that included game development, web development, and physical computing.***
 - ***Created assignments and rubrics that accurately reflected the different levels of programmers in the course.***
 - ***Currently developing the follow-up Grade 10 course.***
 - IB Physics (1 Year)
 - Prepared students for IB exam.
 - Guided students and marked final products for the IB Internal Assessment project.
 - IB Math (1 Year, Pre-2020 Curriculum)
 - Prepared students for IB exam.
 - Guided students and marked final products for the IB Mathematical Exploration project.
 - IB Chemistry (3 Years)
 - Well-practiced lab work both in-lab and online.
 - Flipped-classroom units and self-made YouTube videos for instruction.
 - Prepared students for test-specific IB tasks.
 - IB Biology (1 Year)
 - Well-practiced lab work both in-lab and online.
 - Flipped-classroom units and continuous online formative assessments.
 - Prepared students for test-specific IB tasks.
 - Grade 10 Math (3 Years)
 - IB MYP Mathematics program, preparing for IB DP Programme.
 - Established a continuous routine of 'scoreless' formative assessments.
 - Created summative assessments in line with the expectations of the IB programme.
 - Grade 10 Science (1 Year)
 - Taught the biology of basic genetics and evolution.

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- Carefully scaffolded all information to lead to an ultimate discussion on sex, gender, gender roles, and expansion of the traditional gender binary using scientific evidence.
 - Grade 9 Science (2 Years)
 - Taught basic cell biology, atoms and molecules, kinematics, and electricity.
 - Incorporated many hands on activities and physical demonstrations.
 - Used student-based models as frequently as possible (either mental models or physical builds).

Rothesay Netherwood School - *Residential Houseparent*

July 2017 - Present

- Managed 30 local and international students a year in the Kirk House Dormitory:
 - Counsellor individual students on a daily basis.
 - Acted as guardian for students away from home.
 - Ensured that parents were well-involved with their child's development, including consistent dialogue in an effort of 'co-parenting'.
 - Managed both girls and boys in a co-ed facility (2019-2020).
- Worked outside of regular school hours:
 - Schedule encompassed supervision from morning wake up to final night-time rounds (15+ hour days).
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Rothesay Netherwood School - *Extracurricular Activities*

September 2015 - Present

- Coached hockey at various levels:
 - Head Coach of recreational Midget 'C' team (2015-2016).
 - Assistant Coach of Varsity Girls Team (2016-2018):
 - Included consistent travel.
 - Helped manage logistics involved with travelling internationally for competition.
- Fitness Supervisor (2018 - Present)
 - Helped with the health and wellness of students after school in the fitness centre.

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- Developed individual plans and assisted with proper technique and advice.
 - Yoga Instructor (2017 - Present)
 - 200-HR YTT yoga certification holder.
 - Delivered yoga classes to school classes, groups and teams, as well as the general public.

Skills

- Critical Thinker.
- Compassionate Care.
- Technologically competent:
 - Well-versed with GSuite technologies, and integrating into a 1-to-1 student laptop classroom. (Microsoft Suite & GSuite)
 - Experienced with Python, R, JavaScript, HTML, CSS, and Linux programming languages with integration to the Raspberry Pi.
- Certified IB teacher (Category 2, Chemistry)
- Experienced with IB rigors and program requirements.
- Flexible teachable subjects.

EDUCATION & Certification

Mount Allison University, Sackville, NB - B.Sc. Biology (Honors)

January 2010 - April 2014

- Biology Major
- Chemistry Minor
- Honors Research Thesis covered the movement patterns of Juvenile Atlantic Sturgeon in the Saint John River, NB.

St. Thomas University, Fredericton, NB- B.Ed. General Sciences

September 2014 - June 2015

- Middle / High School Science & Math Stream.
- High School teaching practicum at Bernice MacNaughton High School (Moncton, NB).
- Middle School teaching practicum at Riverview Middle School (Riverview, NB).
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Always-at-Aum Yoga School - Rothesay/New York - YTT - 200HR

February 2017

- Yoga training catered to many domains of health and wellness.
- Focused on: yoga for kids, yoga for athletes, and yoga for the general public.

-References available upon request-