
Mahood

Jeff Mahood

College of Teachers #436837

Cali, Colombia

(57-2) 339-1190

jeff@mathninja.com

<http://www.mathninja.com/mahood>

SUMMARY OF EXPERIENCE

Teaching and Non-Classroom Experience

- Responsible for bottom-up development of lessons resources, and evaluation strategies for various Ontario curriculum courses as well as an Integrated Math program
- Worked to integrate graphing calculators, graphing software, and Geometer's Sketchpad into the curriculum
- Focus on the use of the internet to facilitate communication and feedback to students and parents through Moodle
- Worked on implementation of EQAO Grade 9 math test.
- Developed a number of constructivist learning activities, emphasizing those that emphasize student discovery of important mathematical concepts.
- Have emphasized problem solving and thinking skills in all courses taught.

Other Qualifications

- B.A.(Honours) Trent University; B. Ed. Queen's University
- Honours Specialist (Mathematics) O.I.S.E.
- NCCP Certified Volleyball Coach, with 3 years experience
- Student Council Advisor and Volleyball Coach
- Comfortable in French; fluent in Latin American Spanish
- Expertise with a variety of computer software and hardware
- Dedication to ongoing professional learning
- Comfortable and competent in expectations-based planning

Classroom Teaching Experience

Algebra II / Integrated Math II *(2004-Present, Colegio Bolívar)*

- Responsible for development and planning of this ninth-grade course, based on the American Curriculum at Colegio Bolívar.
- Differentiated curriculum models were used for an honours-level class as well as a standard class which covered the same basic curriculum but in different ways and at different paces

MCB 4U0 *(2002-2004, Erin District High School)*

- Responsible for development and planning of this course at EDHS.
- Use of several constructivist learning activities to develop thinking and analysis skills
- Development of "Leibniz's Dragon", a roller coaster design fair, as a culminating activity

MBF 3C0 *(2001-2004, Erin District High School)*

- Responsible for development and planning of this course at EDHS.
- Use of several research assignments and guest speakers to ensure that students fully explore the financial applications components of this course
- Modification of the course to account for several special needs students

Other Courses *(2001-2004, Erin District High School)*

- MPM 1D, MPM 2D, MFM 2P, MCF 3M, MAT 140 (Essentials math).

Related Non-Classroom Experience

Freshman Academy *(Colegio Bolívar 2006-Present)*

- Developed a curriculum and coordinated activities for a new transition program for students arriving in ninth grade

Ninth Grade Team Leader *(Colegio Bolívar 2006- Present)*

- Organized and chaired meetings of the ninth grade team, including sending out agendas and translating meeting minutes for distribution

Project X *(Colegio Bolívar 2006- Present)*

- Created and implemented a teacher-mentoring program revolving around student self-reflection and goal-setting based on the Ontario AEP program.

Curriculum Integration *(Colegio Bolívar 2006- Present)*

- Acted as an advisor, aide, and resource for teachers implementing a major curriculum change from separated courses (Algebra 1 – Algebra 2 – Geometry) to integrated courses (Integrated Math 1 – 2 – 3)

Extra-Curricular Activity Experience

Faculty Advisor, Student Council *(Erin District High School 2001-2004)*

- Helped students to troubleshoot upcoming events
- Guided council and other interested students in revision of the constitution
- Helped to ensure council had an active and serious role in the school community
- Encouraged council to participate in community and charity events

Volleyball Coach *(Erin District High School 2001-2004)*

- Have coached junior boys, junior girls, and senior girls
- Coach for ACTS Elites under-18 club team, Ontario Volleyball Association
- Taught volleyball skills and strategy to players aged 13-18
- Attended games and regular practises
- Represented the school to faculty and administration of other schools

Teaching Qualifications

Basic Qualifications: Intermediate and Senior Divisions

- History and Mathematics
(Queen's University, 2000)

Additional Qualifications: Honour Specialist

- Mathematics
(Ontario Institute for Studies in Education, 2002)

Education

Bachelor of Education
Concurrent Teacher Education Program
Intermediate/Senior Division
History/Mathematics
2000

Faculty of Education
Queen's University
Kingston, Ontario

Bachelor of Arts (Honours)
Joint Major: Mathematics and History
1999

Faculty of Arts and Science
Trent University
Peterborough, Ontario

Ontario Secondary School Diploma
Ontario Scholar
1994

Merivale High School
Nepean, Ontario

Skills and Interests

Languages

- Am comfortable and competent in written French
- Am fluent in Latin American Spanish

Standard Red Cross First Aid

- Standard and two-rescuer CPR.

Computer Expertise

- Proficient with many software packages including Word, WordPerfect, Lotus, Excel, PowerPoint, Maple V, Geometer's Sketchpad, Acrobat, Photoshop, ImageReady, and Dreamweaver.
- Proficient in web design tools, including HTML, PHP, Javascript, Flash, and Actionscript 2.0 and 3.0.
- Comfortable in Windows 9x, NT, XP, and Vista, as well as Mac OS.
- Comfortable with computer hardware installation and upgrade
- Developed and maintain personal website: www.mathninja.com

Coaching

- National Coaching Certification Program, Level Two Theory
- National Coaching Certification Program, Level One Technical (Volleyball)
- Experience coaching high school volleyball (3 years) and Ultimate (1 year)
- Participant or competitor in Volleyball, Ultimate, Rowing, and Golf

Strategy Games

- Have taught and played chess, go, and backgammon

References

Steve Hupp
High School Principal
Colegio Bolívar
(57-2) 555-2039
shupp@colegiobolivar.edu.co

Fernando Posso
Mathematics Department Head
Colegio Bolívar
(57-2) 555-2039
fposso@colegiobolivar.edu.co

Jennifer Crozier
Team Leader: Mathematics
Erin D.H.S.
(519) 833-9665
jcrozier@sympatico.ca