

MICHAEL VERICKER

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EXPERIENCE

2010 - Present

Depart Chair - Science, Churchill High School, Churchill School and Center, New York, NY 10016

- Supervise entire science department in the high school.
- Formally observe teachers in the classroom and write formal observation reports.
- Perform annual review of teachers and assistant teachers.
- Monitor annual department budget.
- Communicate and enforce expectations and policies concerning syllabi, test previews, and grading policies.
- Guide and coordinate curriculum development.
- Establish a list of accommodations for students and communicate with teachers and test coordinators.
- Conduct weekly meetings with individual teachers and specialists in all grades to discuss progress, individual students, teaching strategies, and student performance.
- Review report cards, grades, and teacher comments.
- Design and implement a high school seminar course focused on building proficiency in Math, Science, and Technology skills through a project-based learning model for 9th grade.
- Participate in monthly meetings with other department chairs, principal, and head of school to discuss issues related to student body, curriculum development, classroom instructional strategies, department agendas, department budget, and progress of seminar courses.

2008 - Present

Head Teacher - Earth Science - New York State Regents Curriculum, The Churchill School and Center, New York, NY 10016

- Teach Earth Science Regents course that includes several core areas ranging from astronomy, geology, to meteorology.
- Coordinate and create weekly laboratory activities and experiments that are based in mathematical analysis and scientific inquiry.
- 9th Grade Advisor. Students are grouped into small Advisement Groups that meet at the beginning and end of the school day. Advisors act as touchstones for students, helping and guiding them to achieve academic, organizational and personal goals.
- Taught an Elective during the 2009-2010 school year named "The Google Earth Challenge: Understanding the Nature of Ocean Waves and How to Ride Them." Students learned the science behind surfing, such as fetch, bathymetry, and meteorological elements involved creating ocean-based energy we call waves. Course culminated in an organized trip to Rincon, Puerto Rico to go surfing!
- Well versed in specific academic, organizational, and accommodation strategies that students with learning disabilities are in need of developing, revising, implementing, and eventually advocating for.
- Familiar with New York City Board of Education Individualized Education Plans as well as Learning Profiles, especially how to interpret them and incorporate them into the development of my instructional strategies.
- Strive to be an effective classroom teacher by engaging students through differentiated instruction and authentic lesson planning.
- 89% pass rate or greater on the New York State Earth Science Regents Exam from 2008 - present.

2012 - Present

Adjunct Professor

Master of Arts In Teaching Program at the American Museum of Natural History, New York, NY

- Teach a year-long course titled "Developmental Variations: Development, Assessment, and Instruction with a Special Needs Focus"

2004 - 2008

Classroom Teacher, Our Lady Queen of Angels School, East Harlem, New York 10029

- Taught mathematics to grades 6, 7, and 8. Curriculum ranges from understanding all number operations to pre-algebra and algebra and is aligned with the New York State Standards for Mathematics.
- Taught science to grades 6, 7, and 8. Science is divided into three categories: Physical, Life, and Earth. Instructed students on how to understand the world around them through analysis, inquiry, and design as outlined by New York State Standards.
- Managed science laboratory, oversee organization of materials within the laboratory, and collaborate with the New York Hall of Science who provide support and materials for use in lab experiments.
- Taught Reading and Literature to grade 8 those elements of both fiction and nonfiction central to mastering English language arts as well as guide detailed analysis of literary works utilizing literature circles.
- *Technology Integrator*. Assisted faculty members in the integration and use of technology for development of lesson plans and teaching. Includes use of SMART Boards in the classroom and internet-based lesson enhancement such as video streaming.

2004 - Present

Private Tutor Grades 6 - 12

- Mathematics - Pre-Algebra, Algebra, Geometry, Trigonometry, Pre-Calculus, Calculus.
- Science - Physics, Biology, Chemistry, and Earth Science.
- English, Reading, Writing - reading comprehension, decoding, spelling, sentence structure, preplanning for writing, and writing.
- Test Prep - ISEE, SSAT, TACHS, SAT
- Executive Functioning - Organization, planning, time management, and homework help.
- Study Skills - study strategies, test-taking strategies, implementation of effective study habits.

2012 - Present

**Classroom Technology and Laboratory Instruction
Consultant for the Master of Arts In Teaching Program at
the American Museum of Natural History, New York, NY**

- Organize and implement two annual training sessions for candidates in the Museum's teaching program focused on teaching with technology and the use of Vernier digital sensing equipment during laboratory investigations.

2013 - Present

Special Education Consultant, Private Prep, New York, NY

- Offer training to tutors in the area of special education, strategies for students with learning disabilities, and interpreting psycho-educational evaluation summaries.

2007 - 2008

Director, *Classroom Inc.* Program, Our Lady Queen of Angels School, East Harlem, New York, 10029

- First to implement this program at Our Lady Queen of Angels School with a select group of students from grades six, seven, and eight to transform and improve learning experiences. This is a computer-based, interactive program in which students enhance their reading and math skills by acting as an editor-in-chief of a virtual magazine.
- Directed *Classroom Inc.* after regular school hours as part of a grant received and increased student motivation about learning through innovative techniques provided by the software.

2006 - 2008

Classroom Teacher, Boys and Girls Harbor Science and Arts Charter School, Junior Education Program, East Harlem, New York, 10029

- Taught grades 2 and 3 in areas of science and reading
- Provided tutoring in a structured, after-school setting.
- Developed an eight-week science-based curriculum in the area of aeronautics and space exploration for the entire Junior Education Program in the summer of 2006, grades K-4. The eight-week long curriculum included lessons, activities, essential vocabulary, lab experiments, and assessments for the entire staff to use with their respective classes.

2001 - 2002

**Teaching Assistant, University of New Hampshire,
Durham, New Hampshire**

- Assisted UNH professors in the departments of Anthropology and Environmental Sciences.
- Facilitated lab activities each week in the area of environmental sciences, conducted classes, graded papers, and provided tutoring.
- Helped evaluate student performance and plan assignments.

CERTIFICATION

2010

Earth Science 7 - 12, Professional Certificate

2014

Students With Disabilities - Special Education 7 - 12 Initial Certificate

EDUCATION

2012 - 2013

Manhattanville College, School of Education, New York, NY

- 12 credits in special education coursework necessary for extension of teaching license in New York.

2007 - 2010

Hunter College, School of Education, New York, NY

- M.S., Adolescent Education Earth Science 7 - 12.
- All relevant coursework.
- Graduated Summa Cum Laude

1998 - 2002

University of New Hampshire, Durham, New Hampshire

- B.A., Anthropology and Geography
- Graduated Cum Laude. Winner Smyth Prize for outstanding achievement in Anthropological Studies.
- Senior Thesis: *American Nationalism After 9/11: The Role of Symbols and Images.*

- Spanish language and culture immersion program. Summer of 2001, Universidad de Costa Rica, San Jose, Costa Rica.

1994 - 1998

St. Joseph's Regional High School, Montvale, NJ

- College prep-based curriculum.

TECHNOLOGY

- Proficient in Microsoft Word, Excel, Powerpoint and various internet-based programs.
- SMART Technologies - SmartBoard, audio-visual equipment, MP3 format recorded readings.
- Logger Pro Digital Interface and Digital Sensing Equipment used in laboratory investigations.
- Assistive technology: FM Units, Smart Pens, Dragon speech recognition software, and Read, Write, Gold