

David R Palmer

175 Forge Village Rd — Groton, MA 01450 — Cell Phone: 978-877-1258 — E-Mail: dpalmer1856@gmail.com

Licensure

Massachusetts License #354607

Certifications: Biology, 8-12; Chemistry, 8-12; Physics, 8-12

SEI Teacher Endorsement: January 2016

SEI Admin Endorsement: February 2016

Master Teacher Certification (10/2009)

National Board for Professional Teaching Standards – Focus Area: Chemistry

Relevant Experience

Science Teacher

11/2016 – Present

Lawrence High School, (Lawrence MA)

Teaching AP Physics, Honors Biology, Chemistry and Anatomy & Physiology to juniors and seniors at the Math Science and Technology School. Also running remedial classes for MCAS graduation requirement. All classes are predominantly heterogeneous with a high percentage of ELL and SLIFE students.

Regional Department Leader for Science

09/2011 – 11/2016

Acton-Boxborough Regional High School

Member of the School Leadership Team. Evaluated staff of 22 full time teachers, including observations, goals and meetings in compliance with the new Educator Evaluation System. Specific training in educator evaluation through Research for Better Teaching. Set sections and teacher schedules, including working with Powerschool scheduling and reporting. Coordinated annual budget of approximately \$36,000 for Science Department Supplies and Texts. Increased technology usage through both advocating for more devices school wide and using Department resources to purchase laptops and Chromebooks. Implemented program changes designed to address student social and emotional well being schoolwide, including student/faculty surveys, innovative scheduling for midyears, and no-homework breaks in the schedule. Promoted inquiry-based experimental design and skills-focused curriculum changes.

Science Teacher (Biology, Chemistry, Earth Science and Physics)

09/2006 – 11/2016

Acton-Boxborough Regional High School

Taught all four levels of Science classes across all four major subject areas. Designed curriculum, coordinated curriculum, schedules and assessments with colleagues. At AB, we work very collaboratively; so much of this work was done as a team of teachers, using existing curriculum and each teacher bringing new ideas to the courses at AB every year. I also coached an MIT Inventeam team for one year developing a prototype fire-suppression grenade which the team presented at MIT.

Science Teacher Grade 8

09/2004 – 09/2006

RJ Grey Junior High School (Acton MA)

Taught five sections of integrated science curriculum aligned with Massachusetts Frameworks. Served as Science Olympiad team advisor for two years.

Technology/Engineering Teacher Grade 6-8

09/2003 – 09/2004

Littleton Middle School, Littleton MA

Designed and implemented curriculum to cover the Massachusetts Frameworks for Technology and Engineering for Middle School. Taught all students in all three grades a tiered curriculum intended to increase students' understanding and appreciation for the Engineering Process and how engineering affects their lives. This was a new course in Littleton replacing more traditional industrial arts classes.

Science Teacher Grade 8

09/2001 – 09/2003

Tyngsborough Jr/Sr High School (Tyngsborough MA)

Taught five sections of integrated science curriculum aligned with Massachusetts Frameworks. A team of two grade 8 science teachers, we developed new curriculum intended to cover the state frameworks and worked closely together experimenting with new ideas and evaluating their effectiveness.

Education

BA Biology, Harvard University

06/1987

Master Teacher Certification

10/2009

National Board for Professional Teaching Standards – Focus Area: Chemistry

District-Based Licensure Program

05/2006

Massachusetts Education Consortium and Acton Boxborough Regional School District (for move to Initial License)

SEI Teacher Endorsement Course - received Endorsements in January and February 2016

Protocol Training

Educator Evaluator Training: Research for Better Teaching

Other Professional Experience

Lead Testing Engineer/Process Engineer

10/1991 - 09/2001

List Inc, Acton MA

List Inc was a US subsidiary of Swiss-based LIST AG

- Designed, built and managed pilot plant for demonstration scale testing of the company's proprietary equipment used in a wide range of chemical process applications.
- Conducted on-site pilot plant testing and assisted with operations of small scale equipment at customer sites around the US.
- Scaled up, sold and assisted in start-up of commercial scale equipment
- Customers included Dow, Exxon, BF Goodrich, Uniroyal, American Azide, Enichem
- Patent # 6,039,469 issue date 3/21/1998

Environmental Consultant/Engineer

10/1987 - 10/1991

ENSR and ReTech, Acton and Concord MA

- Conducted environmental investigations including soil, groundwater and air testing for environmental contamination
- Oversaw small scale remediations including underground storage tank removals
- Conducted environmental compliance audits
- Project engineer on development of innovative thermal remediation of oil wastes using molten salt based technology

Interests

Besides science, I enjoy sports of all kinds and continue to play soccer, tennis, and hockey. I would be interested in extra-curricular activities including coaching positions or other after-school organizations such as science teams or performing arts. Limited guitar skills.

References:

Dave McClung (former supervisor)

781-879-0523

dmcclung@abschools.org

Leah Marsh (colleague)

978-660-0473

lmars@abschools.org

Nancy Young (colleague)

978-621-0296

nyoung@abschools.org