

# Wendy Tekverk

## M.Ed. Secondary Education

### Certification:

Colorado and Idaho Teaching Certificates - July 2019

Endorsements in Natural Science (6-12), Physical Science (6-12), Earth and Space Science (6-12), Geology (6-12)

### Skills:

- Online learning – 5 years' experience in online platforms including Google classroom, Blackboard, and Canvas along with creating original materials in Adobe and Microsoft.
- Flexibility – Seamlessly took my in-person classes in Biology and Earth Science to online platforms in a matter of 3 days in the middle of the second semester (Mar. - June 2020)
- Staff and Classroom Management – Worked with peers in both education and business setting. Managed classrooms of over 35 students including students with behavioral issues. Co-taught with multiple peers in classes that required multiple teachers or aides.
- Lesson Plan Design – Created an original Earth Science, Biology, Chemistry, and Physics course along with semesters in AP Environmental Science and Physical Science
- Community Outreach – Working with Lake City High Schools Outdoor Studies program, I reached out to community members to schedule trips and work with guest speakers on multiple occasions including to visit sites such as the wastewater treatment facility and the Spokane dam.

### Education:

**M.Ed. Curriculum and Instruction**  
(Aug. 2019) University of Idaho

**B.A. Earth Science** (May 2016)  
Boston University

### Teaching Experience

**Science Teacher** at Legend High School Aug. '19 - Present  
Douglas County School District

- Manage classroom up to 35 students, including students with Individualized Education Programs (IEPs), 504 plans, and ESL students.
- Developed curriculum and assessments both formative and summative to track student growth.
- Utilized data to shape my curriculum based on where students were excelling.
- Worked with multiple digital platforms to do flipped learning in my Earth Science class and to move classes to entirely online for second semester and 20-21 school year.

**Student Teacher** under mentorship of Idaho Teacher of the Year Jamie Esler Jan. '19 - May '19  
Lake City High School, Coeur d'Alene, Idaho

- Plan lessons for Advanced 9th grade Physical Science and Advanced Placement (AP) Environmental Science/Outdoor Studies Program (OSP) over a 4-month period.
- Collaborated with AP English and AP World History teachers to develop cross-curricular plan for AP Environmental Science/OSP class.
- Organized community outreach to obtain resources for the classroom, including working with the Army Corps of Engineers to secure materials and guest speakers.

### Long Term and Short-Term Substitute

School District 271 Mar. '17 – Aug. '19

- Managed diverse student groups of 20-45 students in field, lab, and classroom learning environments.
- Designed semester-long curriculum and daily lesson plans, for long- and short-term settings, including teaching the full 2<sup>nd</sup> semester of a 9th grade Physical Science class at Lake City High School.

**Learning Assistant**, (Environmental Earth Science – 2 semesters)

Sept '15 – May '16

- Taught 2 lab sections per week, including both inquiry-based learning and hands on labs.
- Planned and developed materials for hands-on Intro to Environmental Science labs for groups of 20 students and more.
- Administered quizzes and tests and graded classroom and lab work for 122 students.

**Relevant Leadership Positions:**

**President**, Boston University Geological Society President Sep. '16 – Jun. '17, V.P. Sep. '15 – Jun. '16

- Planned geology-based field trips for 30 students in a wide variety of geologic settings and environments around New England, including day and multi-night trips.
- Advertised and promoted events for both education and fundraising purposes, all funding went to trips so lower income students could have a geologic field experience.

**Other Work Experience:**

**Founder and Manager**, Dandelion Half Acre, Coeur d'Alene Idaho May '16 – May '20

- Founded and managed a successful local, organic, farm-to-table bakery.
- Design branding and invent entirely original recipes and layouts for local farmer's market, private clients and special events based on available garden ingredients.
- Worked with Power of Produce Club to make weekly youth classes to educate about the importance of sustainable living.

**Bakery Manager**, The Culinary Stone Cafe

Sept. '17 - Mar. '18

- Coordinated 12 vendors and 9 employees.
- Created and distributed our media presence with Facebook, flyers, and Instagram.

**Other Publications:**

- Researched, published, and presented "The T in STEM: A Double-Edged Sword" showing the benefits and risks of technology in education (National Science Teacher Association 2019 - Seattle)
- "The Substitutes Dilemma" which focused on making a classroom prepared for any emergency (National Science Teacher Association 2019 - Seattle)
- "The Sun, the Soil, and the Tomato: Gardening as a Vehicle to Teach Earth and Space Concepts and Bridge the Summer Hiatus with Scientific Exploration" to illuminate the relationship between sense of place and plant-based projects (National Science Teacher Association 2013 - Boston)

**Research Experience:**

Field Camp in Sardinia, Italy through Boise State University:

Jun. '14

- Mapped areas of Sardinia and identified rock types and structures.

**Certifications and Memberships:**

National Science Teachers Association (NSTA) Member

Since Jun. '13

PADI Advanced Diver license

Since Sep. '08