

## TAMELA TRUSSELL

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### EDUCATION AND CERTIFICATIONS

#### M.A. Science Education

Virginia Tech, Blacksburg, VA

#### Bachelor of Science Education

New Mexico State University, NM

**PA State, Secondary Biology and General Science Teaching Certificate, 1996**

**WA State, 4-12 Science Teaching Certificates, 1994**

**VA State, General Science II and Chemistry Post Graduate Teaching Certificate, 1992  
NM 1991**

### TEACHING EXPERIENCE

**Substitute Teacher**, All subjects and grades. May 2014 – Current **2014-Current**

**Founder and Principle Educator of TLC Education**, Created a business for education that is dedicated to experiential learning that promotes individuals and groups into action in their communities by using investigative, interactive, interdisciplinary courses, camps, fieldtrips, and sport programs. Designed Website and all programs offered. Teach all programs offered. **2014-Current**

**Bellevue Community College Instructor, Biology and Nutrition**, October 1994 – 1996, Bellevue, WA **1994- 1996**  
Teach Biology 101, developed syllabus, overall course structure and graded.

**Substitute Teacher, 6<sup>th</sup> thru High School** **1994-1996**  
7 school districts

**Assistant Leasing Manager**, **1994-1996**  
Showed and maintain 150 apartment units, Designed events to create family atmosphere among Residence, Create community newsletter and recognize residence special occasions.

**Fabric Consultant** **1994-1995**  
Assist clients with ideas, technical sewing advice, and purchases.

**Chemistry and Physical Science Teacher, 8<sup>th</sup>, 10<sup>th</sup>-12<sup>th</sup> grades** **1994**  
Roanoke, VA - Teach Chemistry and Physical Science, developed syllabus, overall course structure and graded

**Honor Biology Teacher, 10<sup>th</sup> grade** **1993**  
Christiansburg, VA - Teach youth Honors Biology, developed syllabus, overall course structure and graded.

**Substitute Teacher, 6<sup>th</sup> thru High School** **1991-1992**  
Blacksburg, VA - school district MS-HS grades

**Student Teacher, 7<sup>th</sup> thru High School** **1991**  
Las Cruces, NM Teach youth Life Science, developed syllabus, overall course structure and graded. Integrated eighteen ESL students into the classroom learning.

### VOLUNTEERING RELATED EXPERIENCE

**Boy Scouts of America, Venture Crew Advisor** **2012-2014**  
Create Leaders by assisting the youth into creating an organized group with positions and tasks to accomplish. i.e. Fundraising, Service, Events, Recruiting, High Adventure

**Founder & Principle Volunteer Educator of TLC Foundation** **2003 - Current**

- Carlisle Canine Soccer Team 5 yr – 18 yr. old participants
- Crazy Olympic Field Day, Over 260 participants
- Canine C# (Formerly MRI 1<sup>st</sup> Robotics)- programing language

Design, organize and instruct all the above programs.

**Creator & Coach of Home School Co-ops** **2006-2011**  
Establish co-op for home and charter school families. Infant through 8<sup>th</sup> grade classes in 10 different subjects, with fifteen different classrooms and organize and teach a variety of science cooperative groups.

### TRAINING AND CERTIFICATES

- **Act 48 courses and other Teaching continuing education training:** Mechanicsburg: Bringing Your Watershed into the Classrooms (Chesapeake Bay Foundation), Audubon PA - Using the environment to teach science, math, reading and writing, Using Citizen Science to teach Science, Environment, Math and Reading, Safe Crisis Management. Introduction into SAS, Advanced Wild - Wild About Waterfowl, Project Learning Tree, Advanced Wild: Bring Out Your Dead, WILD about Endangered Species, Project WET Educator Workshop ,PCD Educator in the Workplace Session 3: Central Penn Panel Discussion on Apprenticeship,

Pennsylvania's Biodiversity at ZooAmerica, Peregrine Falcon Educator WILD in The City workshop, WILD About Wetlands, PHAA Pennsylvania Homeschoolers Accreditation Agency Home School Conference, Environmental Studies Teacher Workshop, Discovery Ed for Teachers: Teaching, Learning, and Leading in a Digital World, Keystone Energy Education Program Workshops, PA Songbirds State Museum of Pennsylvania, Mandated Reporter (Act 126) Training, Pennsylvania conservation legends Gifford Pinchot and Mira Lloyd Dock, Watershed Decisions Workshop, 2015 MTSS UNConference!, Mariner East Organizers Summit, PAESTA Conference, Healthy Water, Healthy People, BioBlitz, 2015 Biotechnology Conference at Lycoming College, Catalyst IV STEM (Penn St.), Bringing Your Watershed into the Classrooms, Teachers on the Estuary: Data Edition In partnership with Chesapeake Bay NERR-MD and NOAA, Owls: Raptors of the Night, Healthy Water, Healthy People, and WILD About Animal Tracks

- **Other Certification and Training:** CPR, Safety Afloat, Swim Safe, Venturing Leadership Training, Youth Protection Training, University of Scouting, must Haves' for Successful Fundraising, Project Wild, Energy Cubed, Stephen Ministries,

**COMPUTER SKILLS**

Organize and run TLC Foundation programs and create and design educational lessons, forms, and tests by using Microsoft Word, Excel, One Note, Power Point, Publisher, Access, Wiggio, Wufoo, Adobe Photo Shop, Word Press and Xara Website design. There are numerous educational programs and websites I use as well, such as Canvas, Explore Learning and many more.

**MEMBERSHIPS**

Chesapeake Bay Foundation, PAEE, PA Association of Environmental Educators, PAESTA, PA Earth, Conodoquiet Creek Association, Science Teachers Association, WITF, NSCAA National Soccer Coaches Association Of America, International Society for Technology Education, Pennsylvania Technology Student Association,(PATSA), Technology and Engineering Education, Learning Science and Learning Community Environment, Ecology Learning Community , Mariner East Organizers