

# ANDREA SCHMUTTERMAIR

• learning designer •

## ABOUT ME

A Fulbright Distinguished Awards in Teaching recipient and two-time NOAA Teacher at Sea with over 15 years of experience designing innovative learning and curriculum for a variety of organizations and learners. Seeking a remote position designing innovative learning in K-12 or higher education.

## EDUCATION

2016 • The George Washington University • Master of Arts in Education & Human Development; Concentration in Educational Technology Leadership

2011 • University of Denver • Certificate in Animal Assisted Therapy

2004 • University of San Diego • Bachelor of Arts in Elementary Education

## EXPERIENCE

### 2015-present Ocean First Education

*Curriculum Developer (contract)*

- Constructed units for K-8 Marine Science aligned with Next Generation Science Standards and Common Core Math and ELA Standards
- Developed dynamic lessons and units using 360° video technology in partnership with the National Marine Science Foundation

### 2019-2020 VERSO International School

*Middle School Cohort Leader*

- Initiated innovative, mastery-based curriculum aligned with school vision and Mastery Transcript Consortium
- Co-created school policies for inclusion, well-being, and child safeguarding
- Spearheaded several school partnerships with local and global organizations
- Led project teams in Design Thinking, project-based learning, and well-being

### 2018-2019 Munich International School

*2nd Grade Teacher*

- Developed, enhanced, and implemented PYP units of inquiry to MIS curriculum
- Integrated concept-based math training elements in PYP units of inquiry

### 2017-2018 International School Campus

*Primary Math/Science Department Head & Teacher*

- Built primary math and science curriculum aligned to international standards
- Created and tested skeleton for bilingual math program
- Created and organized student-directed STEM classes
- Designed and implemented courses on 21st century skills

### 2013-2017 Colorado STEM Academy

*Grade 4-6 Teacher; Science Specialist*

- Created and implemented inspiring project-based learning units in all content areas
- Integrated engineering and Design Thinking principles across content areas
- Elementary science lead; School and District Science Fair Coordinator

## EXPERIENCE (CONTINUED)

### **2009- The Academy Charter School**

**2013** *3-6 Science Specialist; 4th Grade Teacher*

- Aligned science curriculum to national and state standards
- Infused project-based learning into all subject areas
- Founder of Promethean User Group & technology coach
- Elementary science lead & Elementary Science Fair Coordinator

### **2007- The Classical Academy**

**2009** *4th Grade Teacher*

- Developed and customized Core Knowledge science curriculum
- Aligned units to Core Knowledge curriculum
- Science and 4th grade team lead
- Advisor for technology and online assessment tools

### **2006- Valley Elementary School**

**2007** *1st Grade Teacher*

- Created lessons based on Poway Unified School District and California state standards
- Supported English Language Learners with phonemic awareness and language development

### **2004- Internationale Schule Frankfurt**

**2006** *2nd Grade Teacher*

- Implemented SABIS curriculum in multiple subjects
- Coordinated after school activities in hands-on science

## SKILLS & TRAINING

- Fluent in German
- Expertise in multiple curricula (US and international): IB, Common Core, NGSS, Core Knowledge, SABIS
- LMS/Technology experience: Google Classroom & Suites, Apple Classroom, Blackboard
- Promethean National Teacher Advisory Council (2011-2013)
- Promethean Train the Trainer training (2011)
- IB Primary Years Programme (PYP): Making the PYP Happen training (2018)
- Concept-based math training (2018)
- Competency-based learning training (2013)
- Progressive Math Initiative training (2013)
- Project-based Learning Leadership Program (Buck Institute for Education; 2015)
- 3D/4D Printing Workshop at CU Boulder (2015)