

Daniel M. Schantz

Calle #3, 10-72 ☉ Cali, Colombia
+57 317 7557787 ☉ dmschantz@gmail.com
Scan QR code for teacher website →



Objective

I am a science teacher/curriculum coordinator with over 12 years of experience looking to work at a school that supports a progressive approach to science education and professional development for its staff. My primary objectives in teaching is to not only allow students to think in a more critical manner but also communicating the importance of being a good global citizen and employing a scientific lens when making decisions that affect the larger community.

Beyond the classroom, I am constantly seeking to improve my practice via professional development and enjoy observing and sharing my practices with other teachers. In terms of this development, the pandemic has been exceptionally reinvigorating as I have enjoyed finding innovative solutions to novel problems and implementing new strategies.

International Experience

Colegio Bolivar

August 2020 – Present

Science Teacher

6th grade general science in both virtual and hybrid models.

American School of Milan

August 2017 – July 2020

Science Teacher

6th grade Earth Science class that is 100% technologically integrated in order to allow students with learning support needs and ELL students to more effectively engage in the course material.

Astrobiology Teacher

I designed an advanced science elective for 7th/8th grade that focuses on various topics in astrobiology. Through a synthesis of chemistry, biology, Earth science, and astronomy students investigate the potential for life on exoplanets, how life can evolve within a planetary system, and then design a self-sustaining biosphere for a mission to Mars as their culminating project. Due to the popularity of the elective, enrollment numbers were increased.

Escola Americana do Rio de Janeiro

July 2015 – July 2017

Curriculum Coordinator

Responsible for the implementation of a Next Generation Science Standards curriculum for the Barra/Gavea campuses K-8 program. I worked very closely with lower school teachers in Barra, designing units, modeling lessons, and implementing feedback sessions. At Gavea I presented workshops on the implementation of our new program as a part of our Professional Learning Commons initiative.

Science/Math Teacher

Pioneer middle school science/math teacher for the school's Barra campus. Taught all middle school grades for both content areas with MAP data that shows significant levels of student growth.

Domestic Experience

Millennium Brooklyn High School

(Title I School)

Sept. 2014 – June 2015

Science Teacher

Co-taught grade 12 earth science and grade 11 Sustainability & Design. The latter course focused on using novel and emergent technologies/methods to improve the quality of life for people of varying socioeconomic backgrounds.

The Green School of Brooklyn

(Title I School)

Sept. 2009 – June 2014

Science Teacher

Lead teacher for grade 12 biology and grade 10-11 earth science in an at risk school. During this time I served as both a science team and grade team leader.

Education

Brooklyn College

MA in General Science/Earth Science Education.*

July 2009 – June 2011

University of Leiden, NL

Paleolithic Archaeology

July 2007 – Dec. 2007

University of California Santa Barbara

Evolutionary Biology and Physical Anthropology.*

Sept. 2003 – June 2008

*Denotes graduation with high honors

Skills

Website development and maintenance to streamline productivity and assist in student learning.

Effectively managing teams to achieve a common goal or subset of goals within a larger framework.

Google Certified Educator and competent in all aspects of G Suite.

Experienced in using data analysis to drive future instruction and goal setting.

Linguistic familiarity with Spanish, Italian, and Brazilian Portuguese.

Strength and conditioning coach for varsity sports teams.