

CHRISTA FLORES

PERSONAL PROFILE

I am passionate about designing for equity around science literacy and research within all learning environments. My work focuses on using real tools and real materials for solving real problems.

PROFESSIONAL SKILLS

- Curriculum/Assessment design
- Professional development for teachers
- Equity and social justice education
- Social media and digital marketing
- Brand development
- Grant Writing/fund raising
- Writing/blogging
- Community engagement
- Event producing/project management

CONTACT DETAILS

Number: 917-520-3036

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Portfolio: makingsciencebook.com

Social Media: @sciteach212 @mountain_makers

PROJECTS-PUBLICATIONS

Problem-based Science, a constructivist approach to science literacy in Middle School Science. (paper)

Making Science: Reimagining STEM education in Middle School and Beyond. (book)

Meaningful Making: Ideas for FabLabs and Makerspaces by the FabLearn Fellows. (book)

Maker to Market; economic engines for creative entrepreneurs. (paper in progress)

EXPERIENCE

Founder/Owner

Mountain Makers • 2019-present

Design STEM/STEAM and Computer Science courses for PreK-adult learners. Design and build of makerspaces. Consulting on STEM education plans. Storytelling.

STEAM Specialist

Rainbow Community School • 2019-2022

Design and facilitation of new school makerspace. Design and teaching of STEAM electives and after school programs. Teacher training on maker mindsets and skills.

STEM lab Manager

Asheville Museum of Science • 2017-2019

Management of the STEM lab learning space (makerspace), an interactive learning environment for pre-school through adult learners. Duties included, tool maintenance, program/curriculum development, event planning, marketing, grant writing, volunteer coordination, and community partnerships.

Project Manager/Producer of Asheville Maker Faire

Asheville Mini Maker Faire (Asheville Makers) • 2018-2020

Co-founded the first Maker Faire in Asheville in collaboration with Asheville Makers and hundreds of area makers and partners.

Outreach Manager

CEISMC, Georgia Institute of Technology • 2016-2017

Coaching of K-12 public school educators on how to successfully bring maker education, invention literacy and self-directed learning to their classrooms.

Makerspace (iLab) Coordinator

The Hillbrook School • 2011-2016

Developed and managed one of the first K-8 Digital Fabrication labs in the country. I designed a curriculum for science literacy in a makerspace.

Science Literacy Specialist (Science Teacher)

Various Schools • 2001-2011

- I designed and taught science curriculum in various educational settings.

EDUCATION

Teachers College, Columbia University

Masters Degree in Science Education, 2005

University of California, San Diego

Bachelor of Arts in Biological Anthropology, 1997