# Marc Shulman

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#### TEACHING EXPERIENCE

High Tech Middle & High Tech Middle Media Arts (High Tech High)

## **Integrated Math and Science Teacher** (8/06-Present)

- Provided math and science instruction for 5<sup>th</sup>-8<sup>th</sup> grade students with diverse cultural backgrounds, varied English proficiencies, and learning styles.
- Modified instruction for students with varied learning disabilities.
- Created project-based curriculum in math, life science, earth science, and physical science to reach the needs of all learners.
- Collaborated daily with my teaching team and grade level subject counterparts to develop interdisciplinary projects and public exhibitions of student work.
- Published two articles on my work focusing on diversified math assessment for all learners for a nationally publicized educational journal called *Unboxed*. (See links below).
- Chosen by the <u>Education Leadership Academy</u> to mentor traditional schools who are developing project based curriculum and culture.
- Student teacher mentor for SDSU, USD, HTHGSE.
- Math department lead teacher.
- Engineered sustainable projects within the community which are still in use ten years later.

# Forrest Oak Middle School

#### **Math Teacher** (12/01-6/06)

- Provided instruction to 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> grade students from predominantly low income urban communities.
- Implemented Followed state curriculum using diverse methods to promote higher level thinking for all students.
- Communicated and worked collaboratively with other classroom teachers, counselors, administrators and parents to provide quality instruction.
- Met weekly with grade level team members to discuss and plan specific students' educational, social and behavioral issues.
- Utilized tiered instruction to offer an equal learning experience for students with diverse ability levels.

#### EDUCATION MENTORING AND PROFESSIONAL DEVELOPMENT EXPERIENCE

Professional Development/Mentoring

## HTH Education Leadership Academy Teacher Leader (2014-Present)

- Designed and led workshops for new teachers worldwide on building positive classroom culture, curriculum design, project based learning and execution.
- Mentoring traditional school who are developing a project based curriculum and culture.
- Facilitating and implementing project tuning protocols for new teachers.
- Designed multiple day workshops for training purposes for schools' teachers and administration.
- Offer bi-monthly check-in's with teachers and administration to ensure proper support and progress.
- Designed project slice experiences for PBL workshop atendees to experience a project from start to finish in a day.

## Judo Math: Self-paced Middle School Math Program (2007-Present) Co-Creater

- Designed a math program to raise confidence in all students while they worked at their own pace.
- Created 6-8<sup>th</sup> grade all inclusive and intensive common core math curriculum
- Integrated open-ended and project based style learning activities
- Offered students endless challenge opportunities beyond grade level content
- Supported struggling students with structured and scaffolded lessons and activities
- With program implementation our Judo math classrooms scored ~25% higher on STAR test compared to similar SDUSD schools.

#### School Development and Teacher Coaching-Israel (11/09, 10/11, 5/13)

- Helped develop a more effective educational system for lower income students in Israel.
- Worked together with Sha-ar Ha Negev School and five others in Israel to disseminate the teachings of High Tech High.
- Assisted the Minister of Mathematics Education of Israel in improving math curriculum and assessment.
- Coached and implemented presentation based assessment in addition to paper assessments

### Teach With Africa – Johannesburg, South Africa (Summer 2010)

- Partnered with local teachers to lead workshops on project based learning; workshops were designed to respect local cultural values and norms while moving <u>LEAP Schools</u> towards project based curriculum
- Coached teachers in project planning and execution
- Assisted in planning and running the school's first project exhibition to showcase student work

- Trained math teachers in project based curriculum design vs. traditional rout memorization
- Taught high school level mathematics to secondary students

#### **EDUCATION**

High Tech High, Graduate School of Education

Masters of Education: Teacher Leadership

*University of Maryland, College Park - College Park, Maryland - 12/2000* 

**Bachelor of Science: Elementary Education** 

#### CERTIFICATION

Elementary Education Certificate-University of Maryland
Maryland Standard Professional Certificate
California State Teaching Credential
California Multiple Subject Credential
Foundational-Level General Science CSET
Foundational-Level Mathematics CSET
CTEL Certified

#### **PUBLICATIONS**

### Unboxed

A Journal of Adult Learning in Schools
Issue 1- Spring 2008 – "Equity in Assessment"
<a href="http://www.hightechhigh.org/unboxed/issue1/equity">http://www.hightechhigh.org/unboxed/issue1/equity</a> in assessment/

Issue 5-Spring 2010-"Going Gaga: Building a Math Community" http://www.hightechhigh.org/unboxed/issue5/going gaga/

## Edutopia

The George Lucas Educational Foundation
Featured in article- "How to Teach When Learning is Everywhere."
<a href="http://www.edutopia.org/collaboration-age-technology-will-richardson">http://www.edutopia.org/collaboration-age-technology-will-richardson</a>

#### **Pearson Foundation**

21st Century Skills Culture at High Tech High https://www.youtube.com/watch?v=rrwO357zR8c Featured at 2:52-3:58