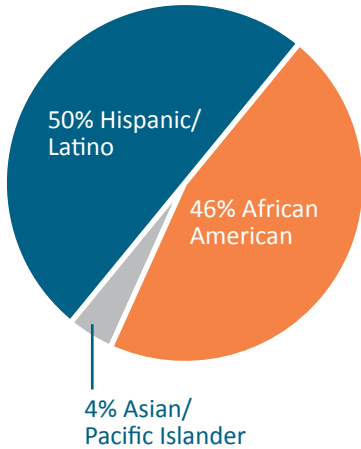


Madison Middle School Grades 6-8

By the Numbers

- Principal: Lucinda Taylor
- Total Student Enrollment: 292
- 2011 API Score: 722
- 91% Free or reduced lunch
- 70% ELL



Theory of Change

By facilitating students' access to digital content and small-group instruction, providing students, teachers, and leaders with easier access to student data, and facilitating a collaborative, data-driven culture with space and time to plan, we believe learning can be more efficient and effective.

Dr. Taylor didn't have to sell blended learning to the students. Students realize they are at vastly different levels in different subjects and that whole class instruction often wastes their time if they are behind or ahead of their classmates. Madison Middle School has worked closely with Education Elements on developing an innovative Blended Learning instructional design. Founded in 2010, Education Elements advises and works side-by-side with schools to implement blended learning in classrooms and provides a technology platform (the Hybrid Learning Management System) that makes it easy and effective for administrators, teachers and students to track student performance. Education Elements' consultants bring several years of classroom and business experience with them as they partner with schools.

Goals

1. To increase academic gains at Madison Middle School through the adoption of Blended Learning best practices in select classrooms.
2. To develop a Blended Learning implementation that serves as a model to other OUSD schools looking to adopt Blended Learning best practices into their pedagogical approaches.

Innovation

Madison's Blended Learning design centers on two key innovations. First, Madison has redesigned and aligned its 6th-8th Grade math and social studies classes to the Common Core and is using Blended Learning as the foundation for doing so. Madison has prioritized content providers that are aligned to the common core, smoothing the overall shift to new standards coverage. Second, Madison is taking a unique approach to layering digital content providers in its classrooms. The sixth grade math class, for example, plans to use four different digital content providers in its daily instruction (twice the typical number of providers used in a classroom). Two of the providers (iPass and LearnZillion) will be used as core instructional tools, while Dreambox will be used for remediation and Mangahigh for incentive or extension.

Detailed Pilot Objectives (in design phase with SRI International)

Teacher Practice	Student Outcomes	System Outcomes
<ul style="list-style-type: none"> • Small Group Instruction • Integration of digital content • Differentiated Instruction • Use of Data • Self-efficacy • Increased satisfaction 	<ul style="list-style-type: none"> • Near term: increased student engagement, student agency and student attendance • Long term: increased student academic achievement 	<ul style="list-style-type: none"> • Increased capacity: improved IT support; expanded capacity for instructional coaching involving the use of technology; flexibility • Expansion of blended learning to more schools

School Background

James Madison Middle School was covered in graffiti and had an API of 528 six years ago. Today, it is a welcoming campus with classroom walls covered in high quality student work and art, boasting an API of 722. The current principal of 5 years, Dr. Lucinda Taylor, has taken every opportunity to provide her students with a 21st century education, but she's not satisfied. Two years ago, Dr. Taylor applied for and received a "school-to-home" grant, providing laptops for every student and Smartboards, ELMOs and wireless Internet for every classroom. Madison has the only "new-comers" program in East Oakland, serving students who have recently arrived in America. In 2013, Madison will become a high school, with their current 7th graders becoming the first 9th grade class.

"Whole group instruction hasn't been working for all kids. We need to try something radically different." Dr. Taylor

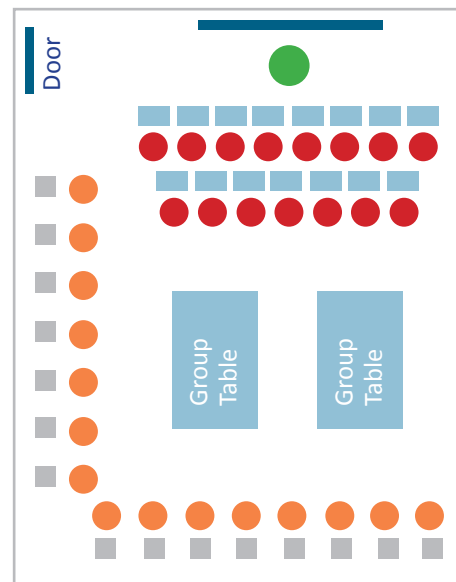
Model Design

Madison will pilot an in-classroom two group rotation with 50% of students on computers and 50% of students with the teacher. Students on computers will use personalized, adaptive digital content primarily to reinforce concepts learned with the teacher, though at times they will receive direct instruction online. Students with the teacher will receive a mix of whole-group and differentiated small-group instruction to receive direct instruction from the teacher and to collaborate with other students on project-based group work.

Schedule (pending final approval)

- Moving to 90 minute block schedule to allow for greater flexibility & personalization within each content area
- Classroom rotation-driven instruction at least three times per week
- Weekly blended learning-specific teacher common planning time and professional development

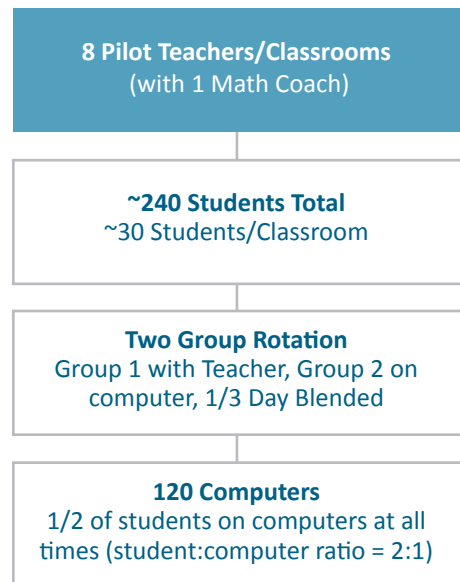
Classroom Design



Group tables can also be used to accommodate entire class instruction.

- Teacher
- Student Group 1
- Student Group 2
- Computer

Pilot Classes and Hardware



Digital Content

Grade level/subject	Digital content
6th Grade Math	LearnZillion, iPass, DreamBox, Mangahigh (free), MasteryConnect
7th Grade Pre-Algebra	RevolutionK12, iPass, MasteryConnect
7th Grade World History	McGraw Hill ConnectEd, MasteryConnect
8th Grade Algebra 1/Geometry	RevolutionK12, Khan Academy (free), MasteryConnect
8th Grade Physical Science	Adaptive Curriculum, MasteryConnect
8th Grade US History	TCI History Alive, MasteryConnect

