

FLIPPING THE ELEMENTARY CLASSROOM WITH IPADS

Creighton School District
Phoenix, Arizona

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PROJECT IACHIEVE

Enriched Learning with iPads in the Flipped Classroom

Creighton School District is located in Phoenix, Arizona. Student enrollment is 6,600 in grades K-8. 28% of the students are English Language Learners and 91% are low income. Project iAchieve's Flipped Classroom goal was to generate additional learning time throughout the school day for differentiation and learning mastery.

Why the flipped classroom model? By flipping the learning, teachers have more in-class time to provide one-on-one instruction and differentiated activities to move students to content mastery. The flipped model places more of the responsibility for learning on the student and develops problem solving and critical thinking skills.

Why iPads? iPads are instant-on, web enabled, and mobile. They allow teachers and students to share lessons and projects to a projector through an Apple TV. A wide variety of educational apps are available for content creation, allowing teachers to easily move students to the create level.



We love our iPads!

Teacher Training

Providing professional development for our iAchieve teachers is an important part of the project. Flipped classroom teachers attend 4 days of training prior to the start of the school year. During training the teachers set up their iPads, develop classroom procedures, work on lesson

planning, and learn how to manage a one-to-one device environment.

Throughout the school year the teachers are provided job embedded coaching and mentoring during the school day by the technology coach. Coaching and mentoring is ongoing and individualized for each teacher.



Mindmapping with Idea Sketch in third grade.

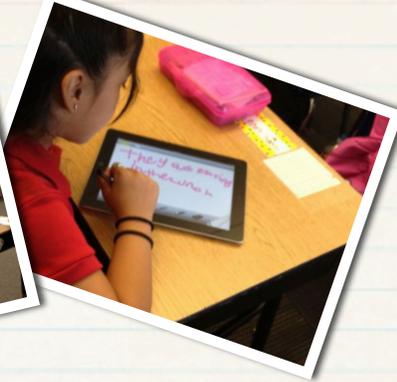


Fourth graders creating presentations with Haiku Deck



First Graders using Explain Everything presentations to show what they know!

Some of our favorite apps for learning



1. Explain Everything
2. Pic Collage
3. Haiku Deck
4. Tools4Students
5. iBooks
6. Splash Math
7. Camera
8. Safari
9. Trading Cards
10. Spelling City

FLIPPED CLASSROOM MODEL

Teachers are flipping the learning in a variety of ways. The flipped lesson might include video, audio, or other media to replace the typical classroom lecture. Teachers can front load learning to build background for in-class learning the following day. These lessons might include vocabulary instruction or tutorials on how to use a specific app or a procedure such as how to send an email. Students have the opportunity to develop deep understanding through multiple exposures to content.

CHALLENGE BASED LEARNING

This year the flipped classroom teachers were introduced to Challenge Based Learning (CBL). CBL is a type of project based learning that addresses global challenges and is very student centered.

One classroom chose to study sustainability of the Earth with a focus on recycling at their school. They researched, studied, conducted interviews, and designed their own

group projects to help their school community on the recycling journey. Read the teacher's blog to learn more:

<http://mssleasmanflipped.blogspot.com/2013/06/challenged-based-learning.html>

READING & MATH FLUENCY

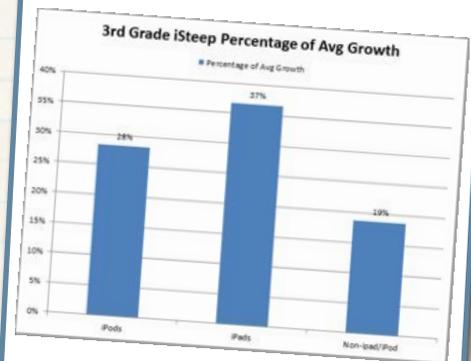
iPads provide a variety of opportunities for students to develop fluency in reading and math. Students use math apps to develop fact fluency & conceptual concepts. In English Language Arts, they build research skills, create oral reading fluency recordings, or construct presentations to develop listening, speaking, and presentation skills.

PARENT CONNECTION

With iPads and teacher created video lessons, parents are now able to learn along with their child. Parents are looped into the project right from the beginning; attending a required meeting to learn about the flipped model and how to support their child in the proper care and educational use of the

ALREADY SEEING A DIFFERENCE!

Oral reading fluency scores have grown along with results on quarterly benchmark assessments and end of year testing.



VISIT OUR IACHIEVE WEBSITE AT:

<https://sites.google.com/a/creightonschools.org/csd-iachieve/>



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