



Robert C. Fisler School – Fullerton, CA



Learning with Laptops

5th year of implementation

Fisler School (K-8) began learning with laptops in grades 3-7 then expanded to grades 2-8. An outside group from the University of California at Irvine has found increased proficiency in reading and writing as a result of the laptops for learning program.

To prepare themselves for teaching and learning with laptops, Fisler teachers attended Apple Professional Development courses in the Fall and received on-going support throughout the year. All teachers take the EdTechProfile and work through CTAP Level I (personal proficiency), Level II (professional proficiency) and Level III (leader and mentor level).

Teachers regularly collaborate and share best practices in a Professional Learning Community meeting twice weekly. Teams record successes and challenges in a Keynote presentation which they present to the general staff on a quarterly basis. Fisler offers Tech Nights for parents as well.



TLDA Team Observations

- **High student engagement**
- **Integrated cross curricular lessons**
- **Student technical proficiency**
- **High level of trust and responsibility**



Math

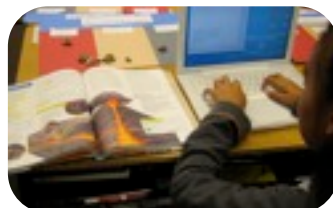
- 4th grade: Predict, measure and record various weights of everyday objects using *Pages*.
- 4th grade: Observe and record evidence of geometry using digital camera and *Comic Life*.

Science

- 2nd grade: Observe, draw and photograph life stages of a butterfly using *Comic Life*, incorporating water color and 3-D model.



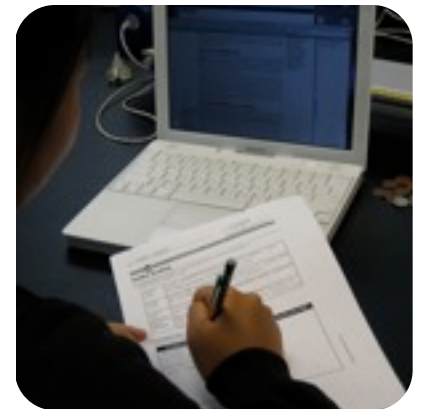
- 4th grade: Create a study guide for volcano unit using *Pages*.



- Eighth grade: Observe, record and test the effect of weights in a velocity and acceleration, deceleration test with *Pasco Probes*.

Language Arts

- All grades: Electronic portfolios with *NoteTaker*.
- Fifth grade: Guided reading response hard copy and digital.



Frequently utilized applications & resources

- Pages
- Keynote
- Comic Life
- GarageBand
- NoteTaker

LGUSD Strategic Plan 21st Century Skills

1. Students will develop 21st century skills that include:



- Critical Thinking & Problem Solving
- Adaptability & Agility
- Initiative
- Effective Oral/Written Communication
- Accessing & Analyzing Information
- Intellectual Curiosity & Imagination
- Creativity & Innovation
- Student Collaboration & Leadership

2. Students will have an opportunity to learn through inquiry-based instruction.

3. Students will employ and integrate current technology resources in mastering the district curriculum.

4. Students will develop a curiosity about, knowledge of, and a sense of responsibility toward other people, cultures, and ideas.

5. Students will learn to apply acquired skills and knowledge to real world issues and problems.

TLDA Team Reflections

- Success of one-to-one dependent upon professional development of various levels on an ongoing basis.
- Be patient and envision what's possible
- Students understand they are responsible for their own learning
- Teachers are proud of students - student-focused teaching with peer coaching
- Differentiation with technology
- Acceptable Use Policy is built around academic integrity and honor code
- Art integration is sophisticated
- Writing process start to finish can be digital with feedback loop
- This initiative is aligned to strategic plan
- Energize LGEF donor base
- Plan for site visits for 4th & 7th grade teachers NOW!

Possible LGUSD Barriers

- Funding
- Technology Support for a 1:1
- Reluctant teachers
- Fear
- Need for training
- Think differently about the role of H&SC in supporting teaching & learning
- Parents see technology as a separate item
- Bring whole district onboard

Why Go Mobile?

- What's the future? What's possible?
- What's continuous learning?
- Create an exciting, challenging and engaging environment for teaching and learning
- Extend learning opportunities with unlimited sources of information to support learning - delve deeper into projects
- Increase student achievement

*"The illiterate of the 21st century will not be those who cannot read and write, but those who cannot learn, unlearn, and relearn."
—Alvin Toffler*

Next Steps:

- Executive Briefing with LGEF, H&SC, Admin
- Staff Meetings
- Meetings with 5th & 6th grade teachers
- Parent Information Nights