1 to 1 Students to Laptops

21st century learning

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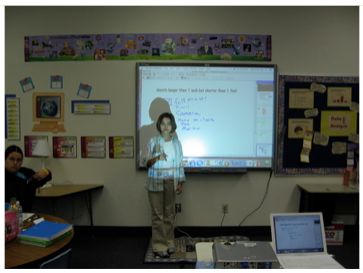

Engaging

Creative

Purposeful

Language Arts

Students became more involved in the entire writing process as they did their prewriting webs and outlines on Smart Ideas; processed and edited their drafts on Microsoft Word or Appleworks; and then published their works using a variety of applications including Comic Life, iMovie, PowerPoint or Garageband. While they worked on projects, I was able to communicate with them across the room using Apple Remote Desktop offering suggestions and reminders inconspicuously. Once students were finished with projects, they could submit them to MyAccess, a web-based writing program that provided immediate feedback on their writing. Not only did students' attitudes towards writing improve, but so did their scores.

Vocabulary instruction was enhanced with photos stored in iPhoto and then shared with other classmates. Word webs were created in Smart Ideas, or podcasts were created in Garageband and posted in our class web page created on iWeb. Students worked on reading fluency by recording themselves in Garageband or Word (notebook layout). Great pride was taken in these works, so forcing them to redo a

reading was unnecessary. End of selection tests for the Harcourt reading series is available on line. Students completed the tests and received immediate feedback on their results including the correct answers. http://eharcourtschool.com

Spelling words were practiced on an online typing program http://www.sense-lang.org/typing/ Spelling tests were done in Appleworks (with the spell check turned off.

While reading literature students researched the authors online. Many sites allow them to write to the author after reading their works.

Math

The Harcourt math series is available on line. Therefore we didn't take out the books. The Gallery in **Smart Notebook** provides many mathematical tools including graph paper and interactive manipulatives such as dice, spinners, protractors and rulers. Students created **PowerPoint** movies or **podcasts** of explanations of math concepts that were posted on our web page so they could access a review of what was done in class. (Parents who weren't comfortable with 5th grade math liked this one a lot). Students kept a math journal in **Word (notebook layout)**

Science, Social Studies, and Art

The internet was a valuable resource in all of these areas. Students researched every topic in all of these areas. I was able to create launch pages or hot lists to guide students to staff sites. However, they also learned how to find valid information in cyberspace on their own. After gathering information they organized it in timelines on **Smart Ideas,** create presentations on **PowerPoint** and **iMovie.** A project that everyone enjoyed was creating animated videos using every day objects such as markers and magnets on **iMovie** and creating a soundtrack on **Garageband**. Students also share what they learned on **eBoard.** It's a quick and effective way to assess what students learned from the lesson.

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