

Promising Practice 3: *Developing Student Excel Skills Using Teacher Websites, Screencasts, and Student Digital Portfolios*



Promising Practice Description:

- ◆ Through an interdisciplinary technology unit presented on a teacher website, students addressed a hypothetical problem and conducted relevant research.
- ◆ Students developed Microsoft Excel skills through teacher-created Screencast tutorials, and then published complex graphs and charts to Digital Portfolios, allowing for teacher and peer feedback.
- ◆ *Presented by Kwaku Aning, AUSSIE ITC*
- ◆ *Technology Teacher Michael Rossicone, mrossicone@schools.nyc.gov*

Instructional/ Pedagogical Benefits:

- Students utilized Teacher Websites, Screencasts, and related media to learn how to format cells, multiply and sum item costs, and produce complex graphs and charts to analyze and represent data.
- Students used technology to produce and publish writing and to interact and collaborate with others.
- Student Digital Portfolios allowed teachers to assess published work to determine student progress and understanding.
- Interdisciplinary project can be differentiated to reach all types of learners.
- School-based team members developed Student Digital Portfolios in the technology class, maintained Teacher Pages, created units and rubrics, created Screencast tutorials, and took over the management of the school site, promoting sustainability.

Opportunities for Partner Integration:

- ITC to create Google platform for Teacher Website and Student Digital portfolios—and assist with effective unit planning
- MOUSE Squad and/or CUNY Intern to support student work, offering technical support as needed

Action Plans/ Next Steps: *Based on what you learned during the Learning Walk, please highlight actions/ next steps with ITCs, your CUNY intern, MOUSE Representative, or DOE CL PM*

Resources Utilized:

- ◆ Technology Teacher Website and Student Digital Portfolios. Part of (Student-facing)Google Site www.bertha49.org
- ◆ Excel Tutorial Screencasts posted to <http://vimeo.com/31078710>
- ◆ Rubric created at iRubric.com www.rcampus.com