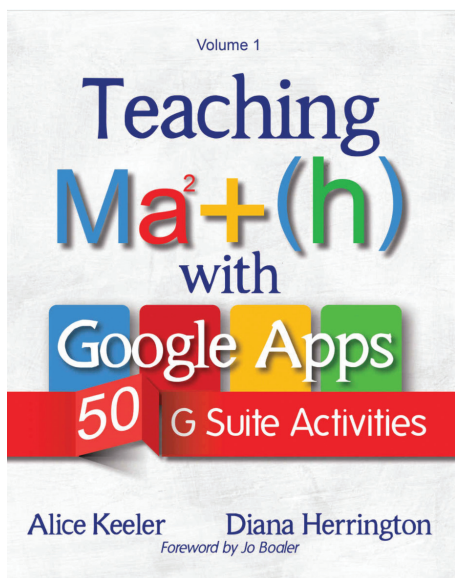


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Teaching Math with Google Apps: 50 G Suite Activities

by Alice Keeler and Diana Herrington
Dave Burgess Consulting, Inc. 2017
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*For any teacher who wishes to integrate
Google Applications in their math program
to promote 21st Century Learning Skills.*

Teaching Math with Google Apps is a wealth of information regarding the creative, collaborative, exploratory processes involved in 21st Century math practices. The 50 G Suite activities promoted by the title are the basis of this book...and there is so much more.

Alice Keeler and Diana Herrington provide 50 different routines, pedagogies, processes, activities and tools that can increase critical thinking, independence, and collaboration while utilizing current tools like Google, YouTube and Wolfram Alpha. Some of these topics include Do a Math Problem Wrong, Create Geometry Constructions, Create Video Playlists, Hear From Everybody, Show Me You Know, Use Pixel Art, Students Write Guiding Questions, Crowdsourcing Information, as well as 42 more practical ideas.

For each topic, there is a short paragraph introducing the purpose and rationale followed by details for use with specific apps like Google Classroom, Drive, Slide, Sheets, Docs, Forms, Drawing, or Search. You'll want to have your computer next to you while you are reading to access the over 200 links to templates and activities or to try out the skills provided by the authors.

Depending on your exposure to Google Suite and current math practices, you may wish to read the end of the book first. The Google Tutorials will help you familiarize yourself with the various products, their primary structures and tips and tricks relating to the individual apps.

Herrington highlights and explains “the 4 C’s, Mathematical Practices, the 5E Instructional Cycle, Polya’s 4 Steps of Problem Solving and the DOK levels” to provide you with a deeper understanding of the pedagogy of a 21st Century math program before reviewing the 50 main activities.

As well as their resources, Alice Keeler and Diana Herrington have an Additional Resources section where they reference useful websites, books, blogs and people to follow on Twitter.

This engaging, highly visual and practical book should be in the hands of all math teachers who already are or wish to integrate Google Apps into their mathematical program. ■