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## DE24 Integrating Technology Tools with Bloom's Taxonomy (k-12)

Katie McKnight, Ph.D.

Together let's create extraordinary classrooms.

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## We believe educators have the most important job in the world.

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### What We Will Do in this Session

Use Bloom's Taxonomy as a foundational framework as we consider how to integrate technology in our lessons.

Deep discussion of the connections between Bloom's Taxonomy and the Seven Categories of Technology.



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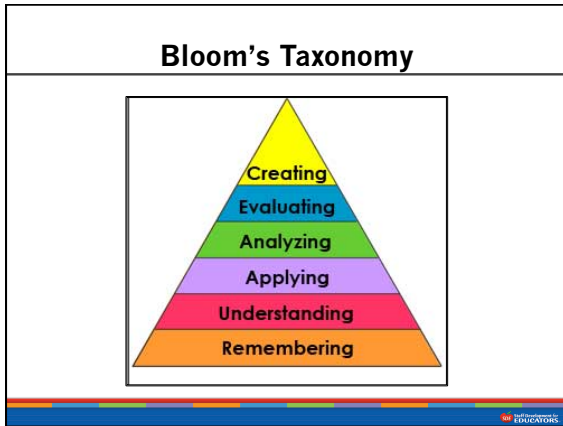
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**The following models are from:**

Authors Howard Pitler,  
Elizabeth R. Hubbell,  
and Kim Malenoski

ASCD Press

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**Figure 6**  
The Seven Categories of Technology

Technology Category	Definition	Examples
Word processing applications	Software that enables the user to type and manipulate text	Microsoft Word, OpenOffice.org Writer, Google Docs, MYAccess!
Spreadsheet software	Software that enables the user to type and manipulate numbers	Microsoft Excel, OpenOffice.org Calc, Inspiration, Google Spreadsheets
Organizing and brainstorming software	Software that enables the user to create idea maps, KWHL charts, and category maps	Inspiration, Kidspiration, BrainStorm, SMART Ideas, Visual Mind
Multimedia	Software that enables the user to create or access visual images, text, and sound in one product	iMovie, Microsoft Movie Maker, Adobe Photoshop, Microsoft PowerPoint, KidPix Studio, Keynote, OpenOffice.org, Impress
Data collection tools	Hardware and software that enable the user to gather data	Probowers, USB microscopes, classroom response systems
Web resources	Resources available on the Web that enable the user to gather information or apply or practice a concept	Virtual tours, information, applets, movies, pictures, simulations
Communication software	Software that enables the user to communicate via text, presentation, voice, or a combination of the three	Blogs, e-mail, VoIP, podcasts, wikis

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Look at full page handout in your packet.

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**Time to Look at Sample Lessons**

We are going to reorganize into grade level groups:

K-2  
3-5  
6-8

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### Task

Each group will have sample lesson plans to examine that integrate technology.

Using the model, we are going to audit these lessons for rigor, instructional strategies, and technology.

Use the graphic organizer to guide your discussion and analysis.



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### ReadWriteThink.org



The screenshot shows the ReadWriteThink.org homepage. At the top, there are navigation tabs: CLASSROOM RESOURCES, PROFESSIONAL DEVELOPMENT, ABOUT US, and PARENT & AFTERSCHOOL RESOURCES. The main content area features a large banner for "Trading Cards Go Mobile!" with a tablet image showing a trading card. Below the banner is a search bar labeled "Search Resources" and "SEARCH BY KEYWORD". On the right side, there are several links: "Trading Cards on the Go!", "Develop Successful Readers", "Campaign Season", and "NCTE Annual Convention". The NCTE logo is visible in the bottom right corner.

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### K-2 Sample Lesson

<http://tinyurl.com/35o4qe4>



Lesson Plan  
**Adventures in Nonfiction: A Guided Inquiry Journey**

E-mail / Share / Print This Page / Print All Materials (Note: Handouts must be printed separately)

Grades	K - 2
Lesson Plan Type	Standard Lesson
Estimated Time	Three 50-minute sessions
Lesson Author	Renee Gouarte Magallon, California
Publisher	NCTE

Preview | Standards | Resources & Preparation | Instructional Plan | Related Resources | Comments

Overview >  
From Theory to Practice >

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### How to Reach Me:

Email: [Katie@KatherineMcKnight.com](mailto:Katie@KatherineMcKnight.com)

Website: [www.KatherineMcKnight.com](http://www.KatherineMcKnight.com)

Twitter: [@literacyworld](https://twitter.com/@literacyworld)

Facebook: [Katie McKnight Literacy](https://www.facebook.com/Katie-McKnight-Literacy)

For more materials and updated powerpoint, see my blog at [www.KatherineMcKnight.com](http://www.KatherineMcKnight.com)



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