Building Classroom Practice: A Hands-On Approach to SAMR

Ruben R. Puentedura, Ph.D.

Phase 1: Building a First SAMR Ladder

Tech allows for the creation of new tasks, previously inconceivable

Modification

Tech allows for significant task redesign

Augmentation

Tech acts as a direct tool substitute, with functional improvement

Substitution



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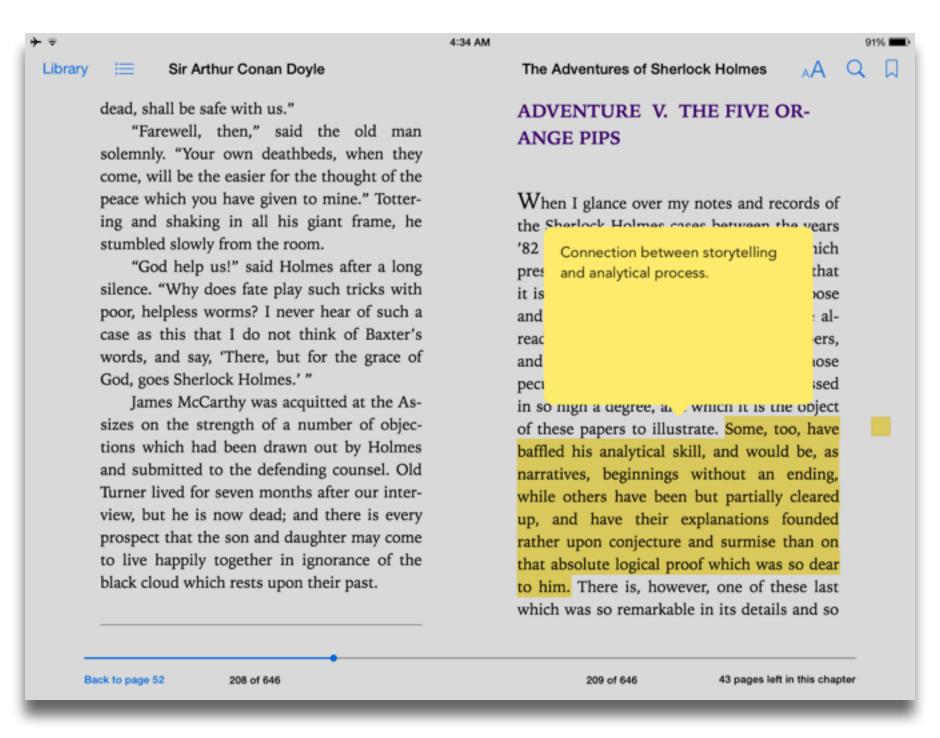
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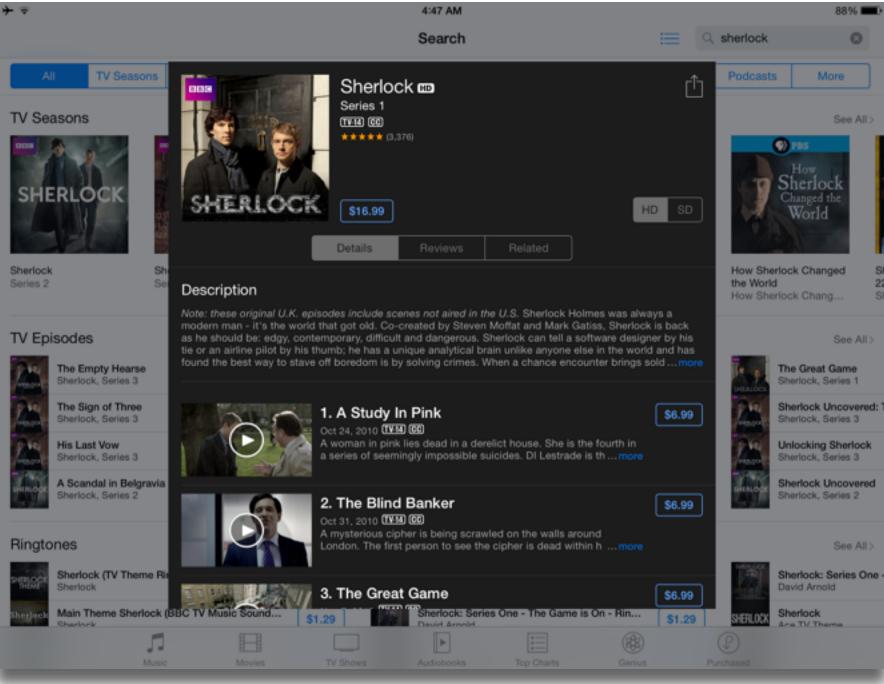
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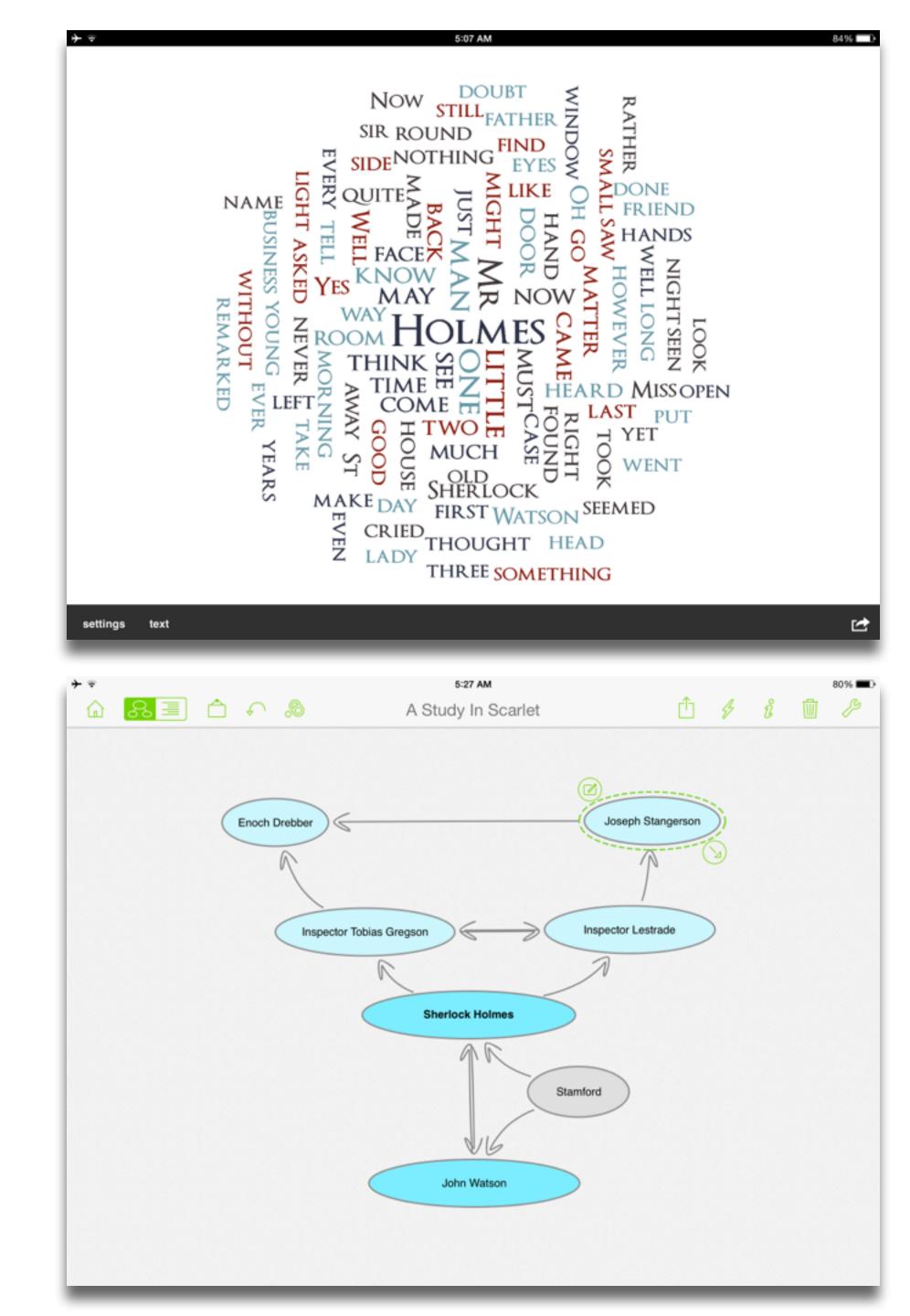




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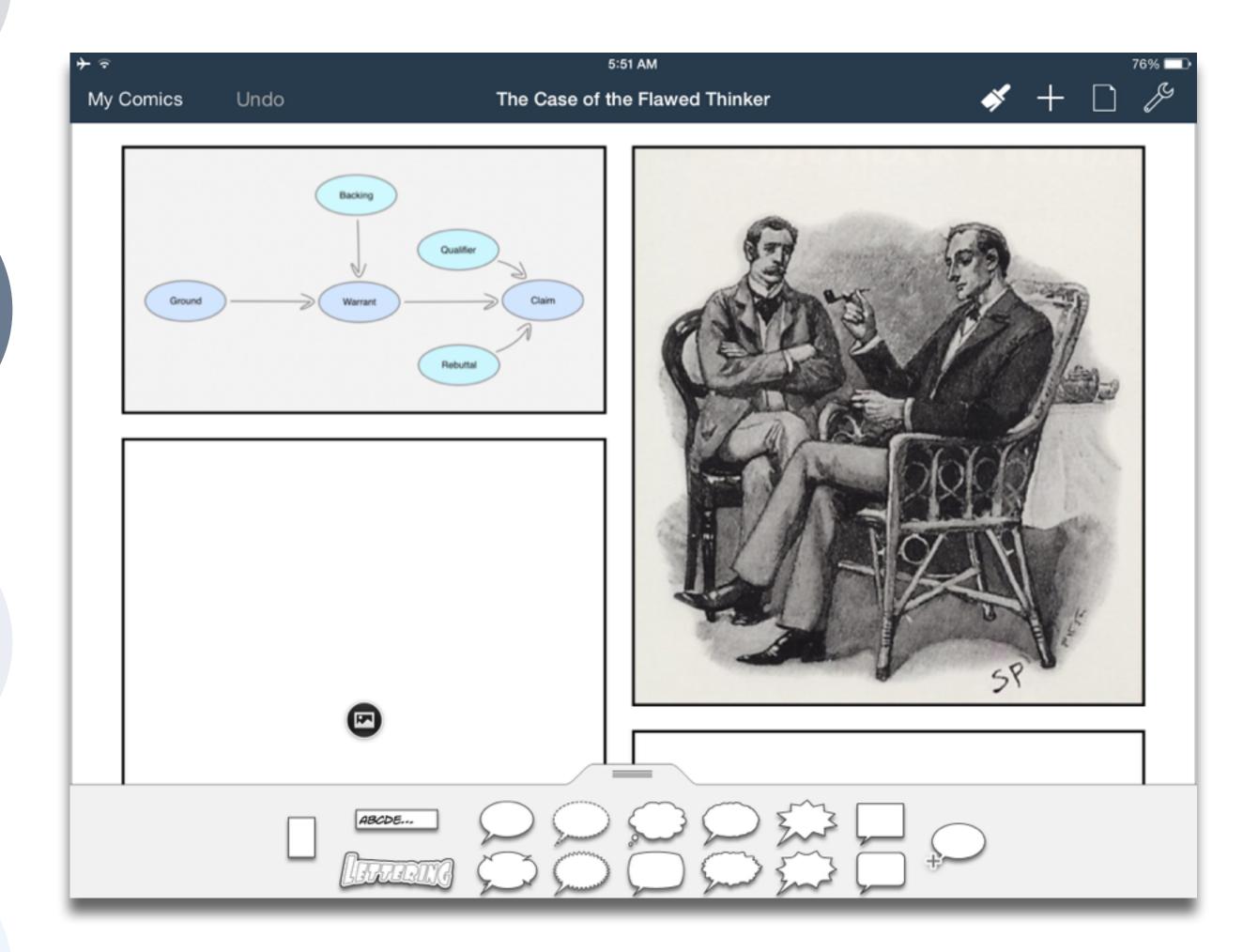
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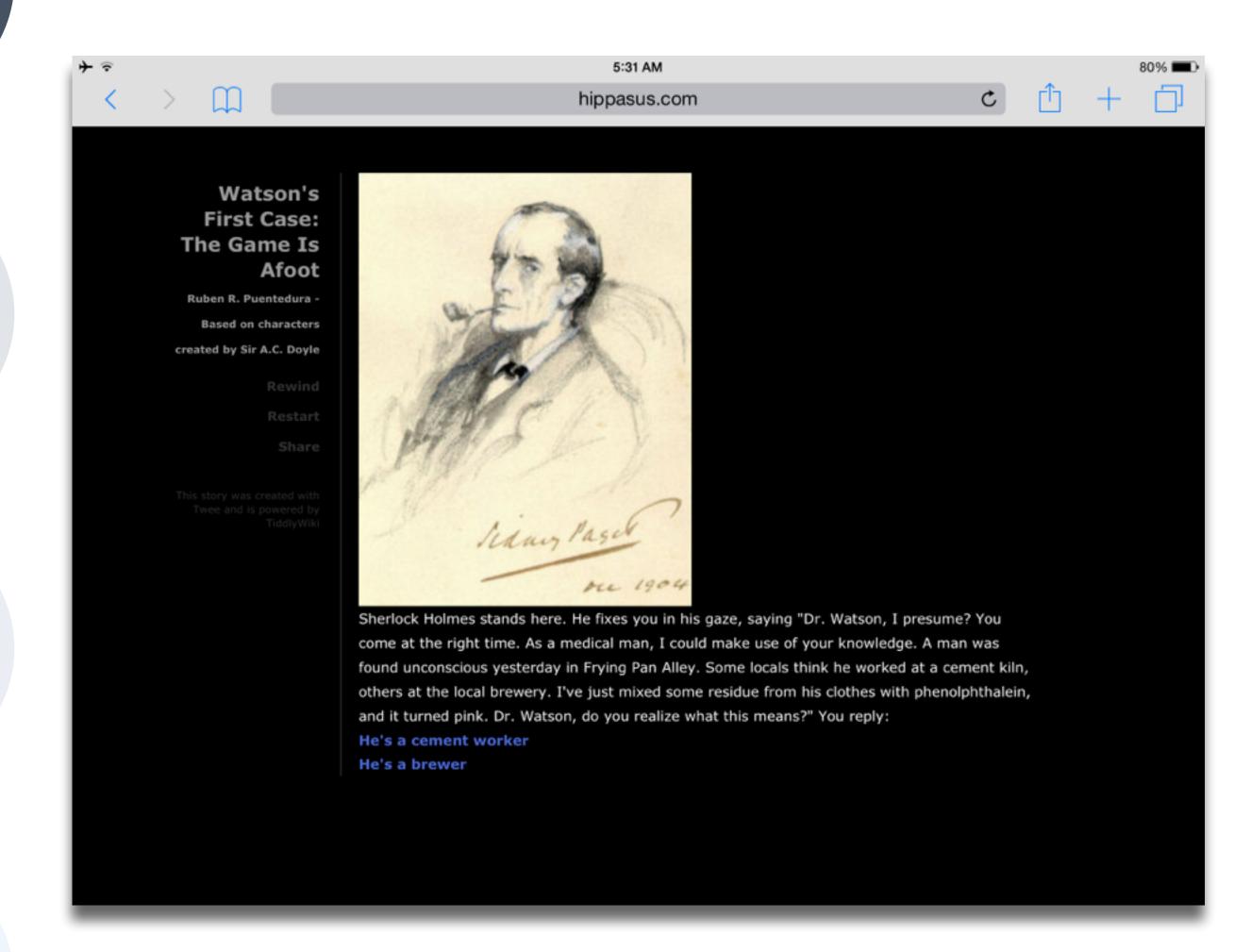
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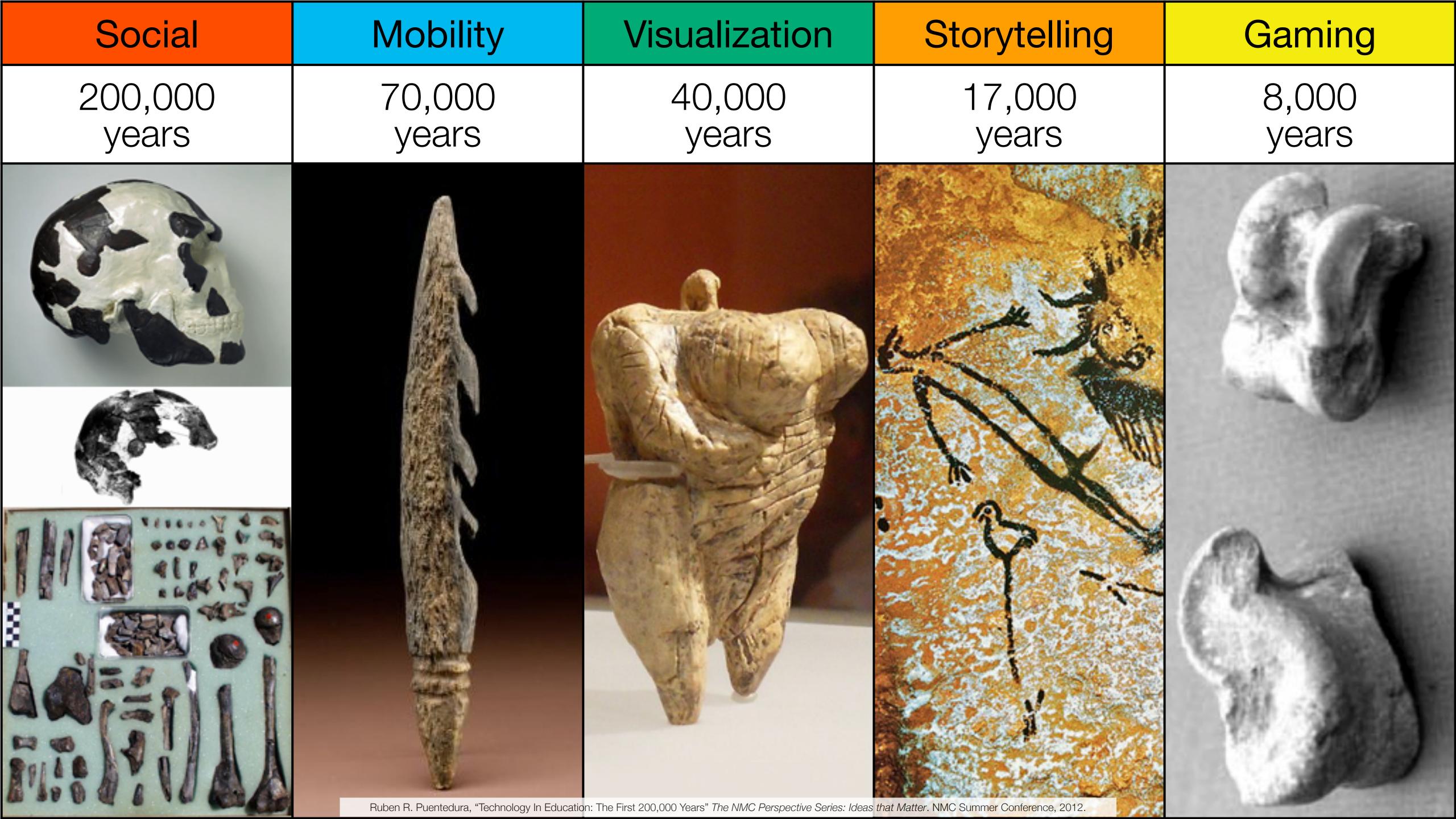
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The EdTech Quintet – Associated Practices		
Social	Communication, Collaboration, Sharing	
Mobility	Anytime, Anyplace Learning and Creation	
Visualization	Making Abstract Concepts Tangible	
Storytelling	Knowledge Integration and Transmission	
Gaming	Feedback Loops and Formative Assessment	

Choosing the First SAMR Ladder Project: Three Options

Your Passion:

• If you had to pick one topic from your class that best exemplifies why you became fascinated with the subject you teach, what would it be?

Barriers to Your Students' Progress:

• Is there a topic in your class that a significant number of students get stuck on, and fail to progress beyond?

What Students Will Do In the Future:

• Which topic from your class would, if deeply understood, best serve the interests of your students in future studies or in their lives outside school?

Phase 2: Connecting to Bloom's Taxonomy

Bloom's Taxonomy: Cognitive Processes

Anderson & Krathwohl (2001)	Characteristic Processes		
Remember	 Recalling memorized knowledge Recognizing correspondences between memorized knowledge and new material 		
Understand	 Paraphrasing materials Exemplifying concepts, principles Classifying items Summarizing materials 	Extrapolating principlesComparing items	
Apply	 Applying a procedure to a familiar task Using a procedure to solve an unfamiliar, but typed task 		
Analyze	 Distinguishing relevant/irrelevant or important/unimportant portions of material Integrating heterogeneous elements into a structure Attributing intent in materials 		
Evaluate	 Testing for consistency, appropriateness, and effectiveness in principles and procedures Critiquing the consistency, appropriateness, and effectiveness of principles and procedures, basing the critique upon appropriate tests 		
Create	 Generating multiple hypotheses based on given criteria Designing a procedure to accomplish an untyped task Inventing a product to accomplish an untyped task 		

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Create **Evaluate** Analyze **Apply Understand** Remember



Main | 2014 Conference | Attending + Schedule | Presenters | Volunteers | Sponsors + Partners | Advisory Board | Members | My Page

/// TWIN MUSEUM EVENTS

The New Media Consortium and Learning

Revolution held twin events about the future of museums on July 23rd & 24th, 2014. Both events were focused on four main themes from the NMC Horizon Report > 2013 Museum Edition:

- Bring Your Own Device
- Location-Based Services
- Crowdsourcing
- Makerspaces

July 23rd - The NMC Virtual Symposium on the Future of

Museums was an exclusive symposium for you, the curators, creators, innovators, museum professionals, and educators. In this limited-space event, participants engaged with panels on these topics and helped to shape the conversation around the future of museums.

More information at go.nmc.org/future-museums

July 24th - The Learning Revolution

/// WELCOME!

The Future of Museums Conference was held from 10am - 5pm US-Eastern Time on July 24th, 2014, and featured keynote speakers and crowd-sourced presentations by your peers.

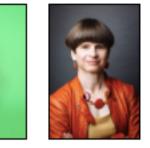
The conference was a collaborative global conversation about technology, museums, and the future. A welcome letter with the conference strands is here.

To be kept informed of future conference news and updates, please join this network!

/// KEYNOTES







Welcome to The Future of Museums Conference

Sign Up or Sign In

/// SUPPORT FREE PD!



/// 2014 CONFERENCE

Conference

- Welcome + Information
- Attending + Schodule
- Sign in to chat!









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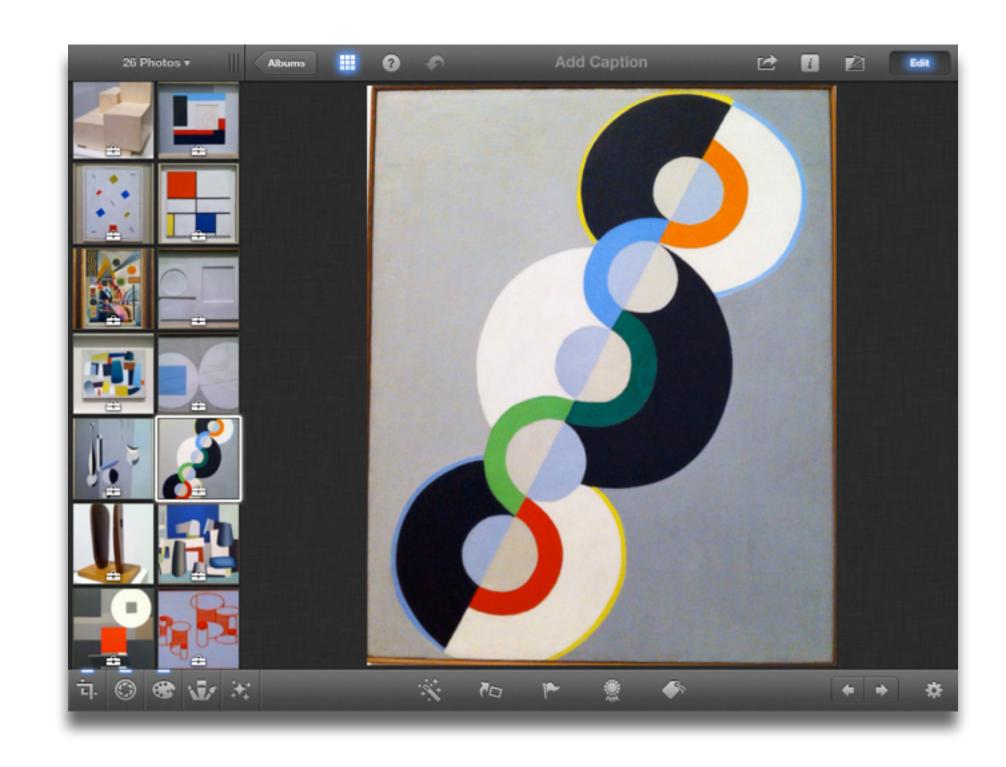
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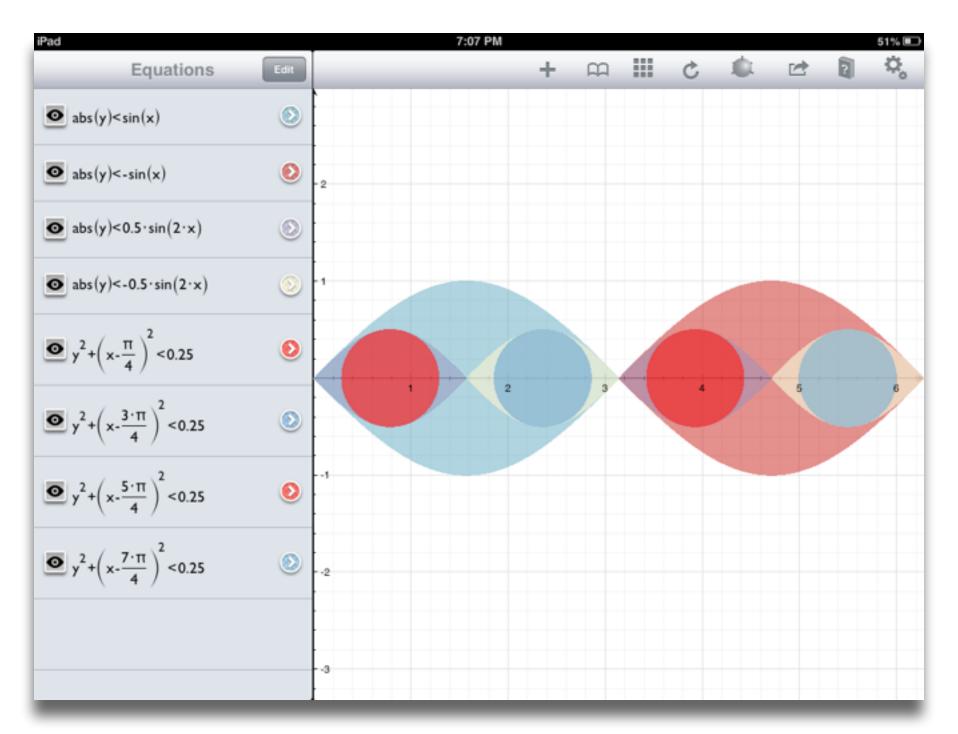
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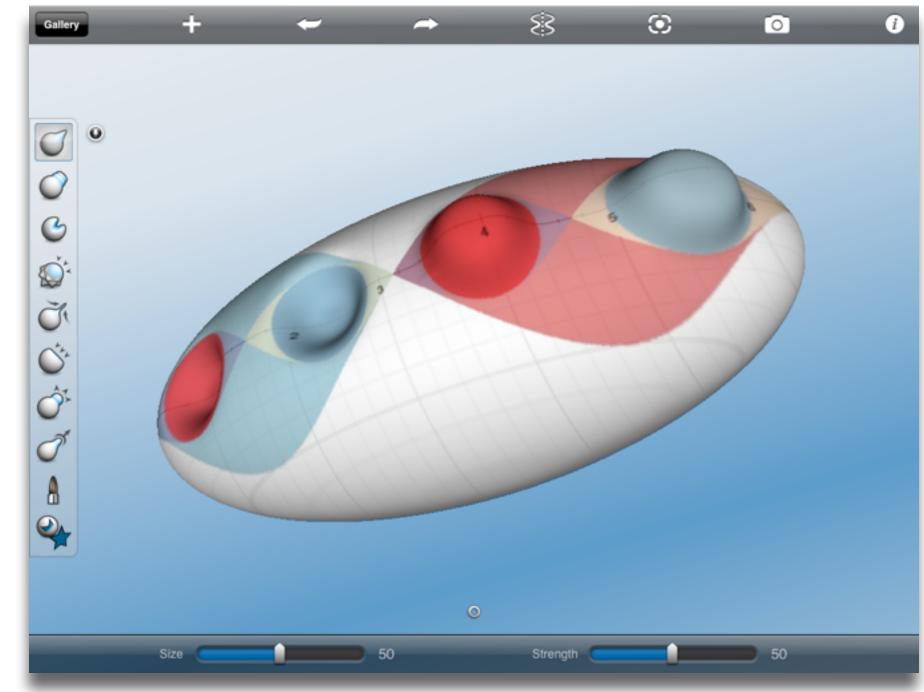
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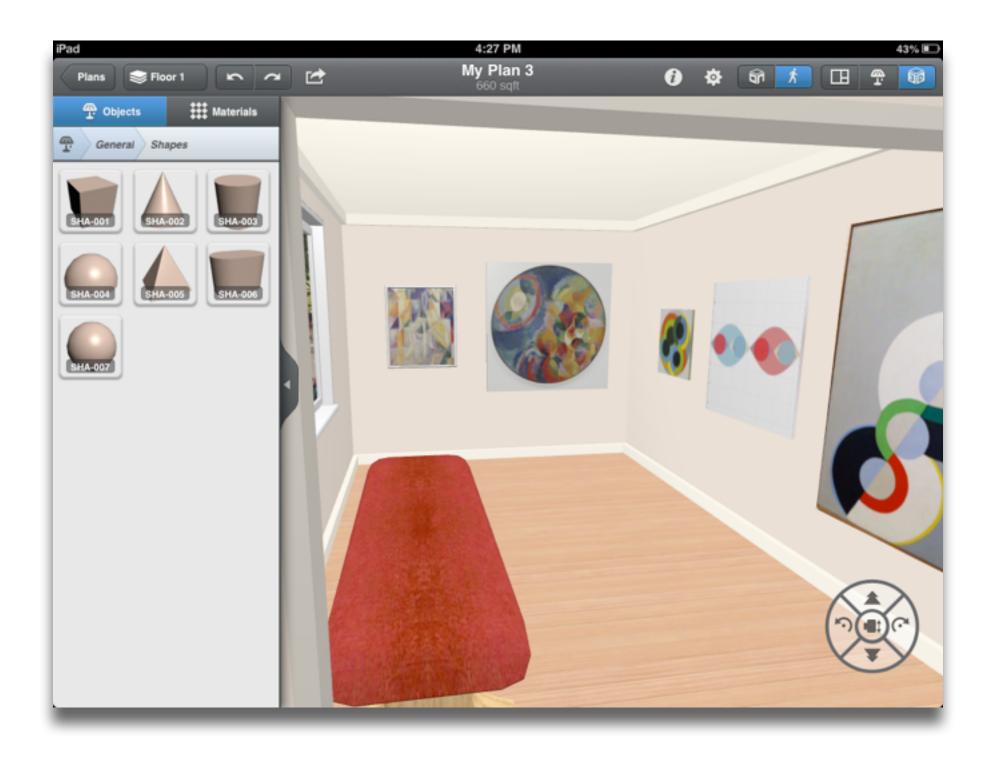
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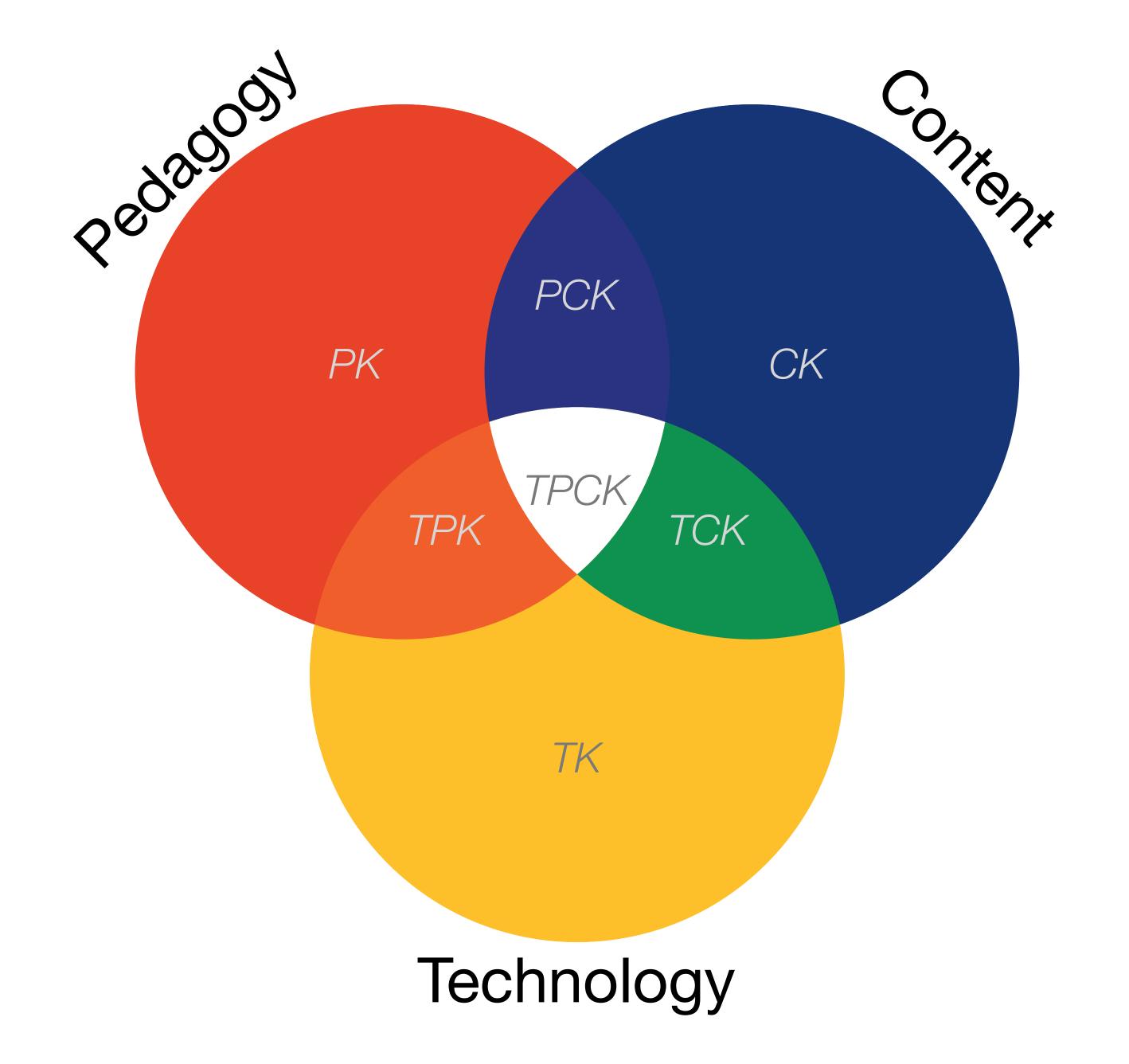
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Evaluate



Phase 3: Adding in TPCK



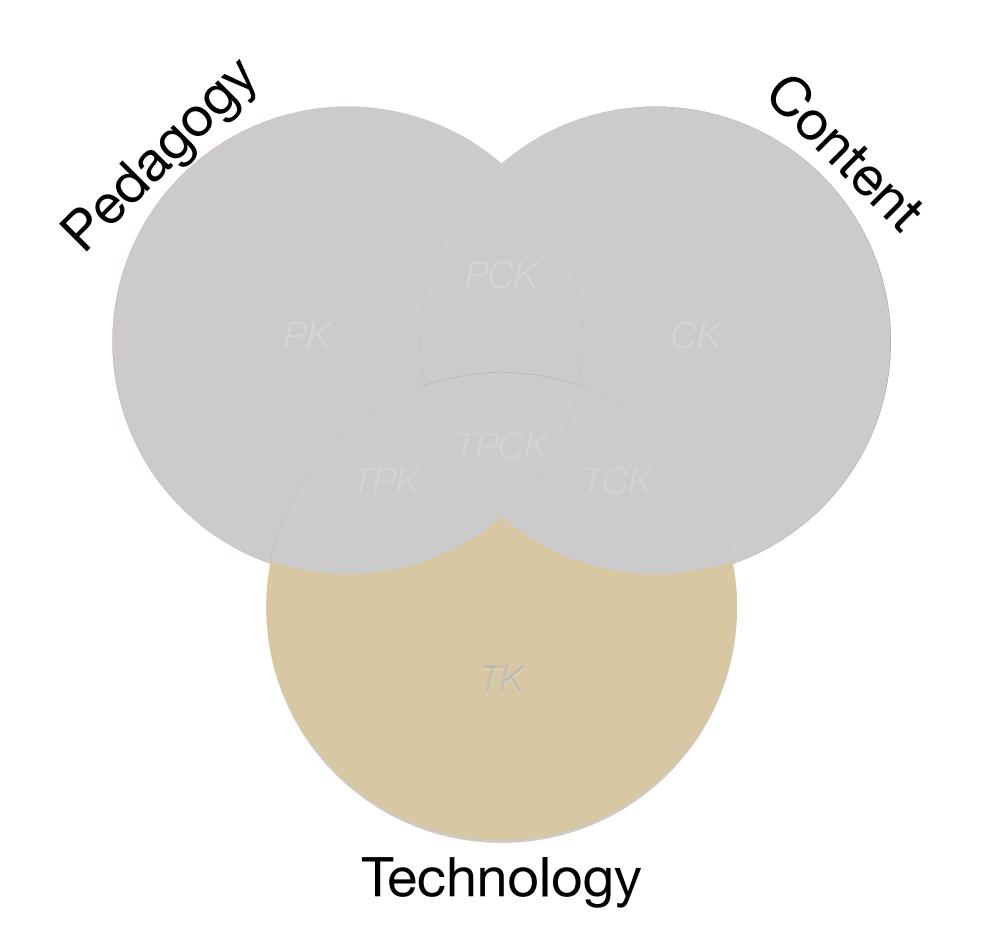
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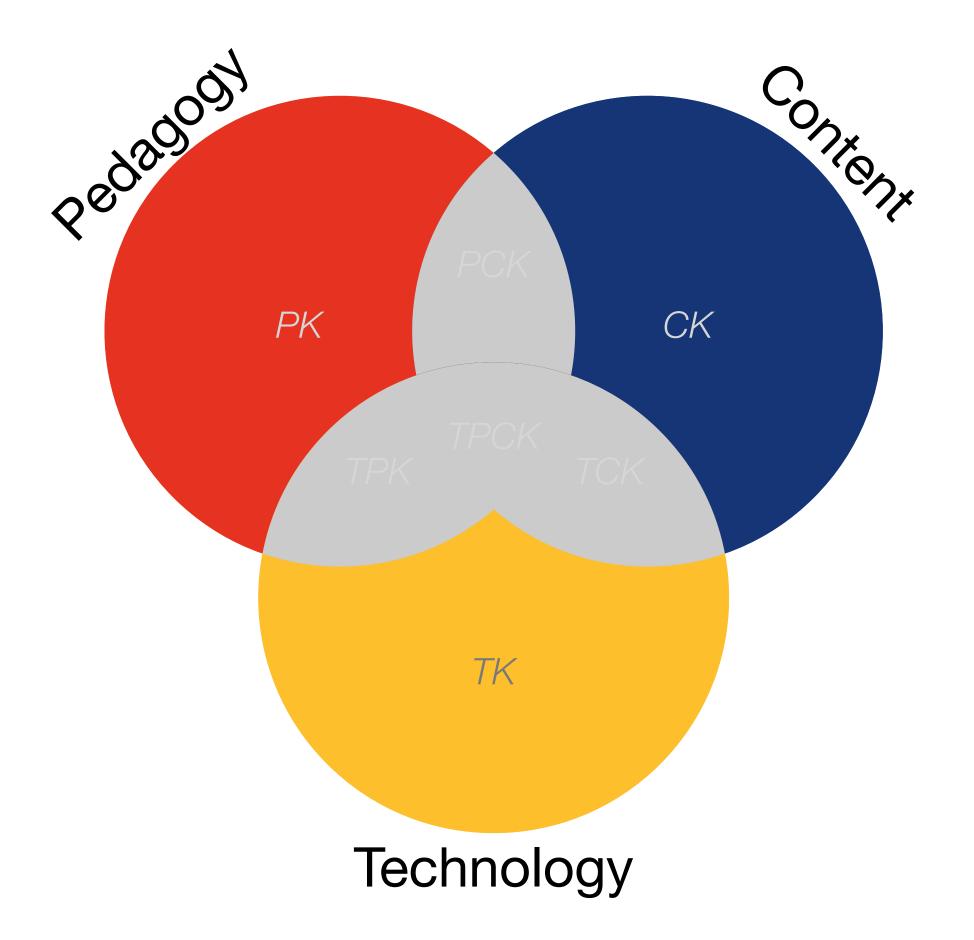
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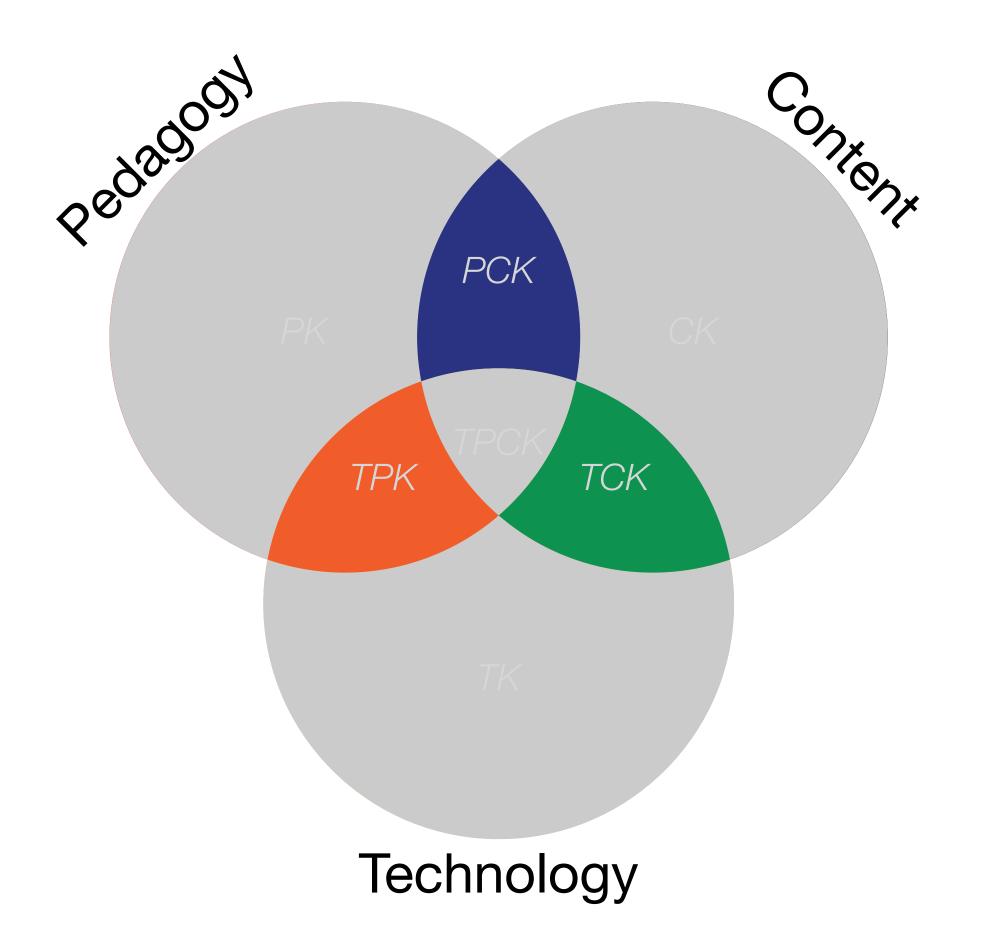
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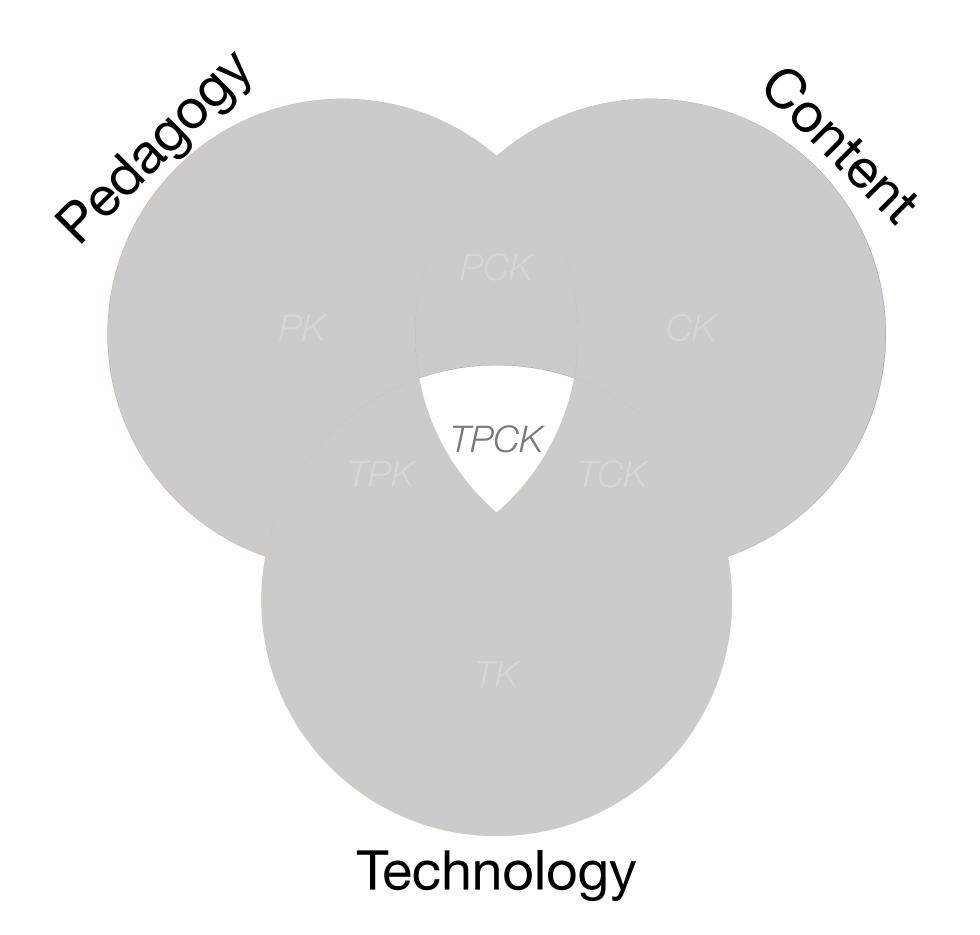
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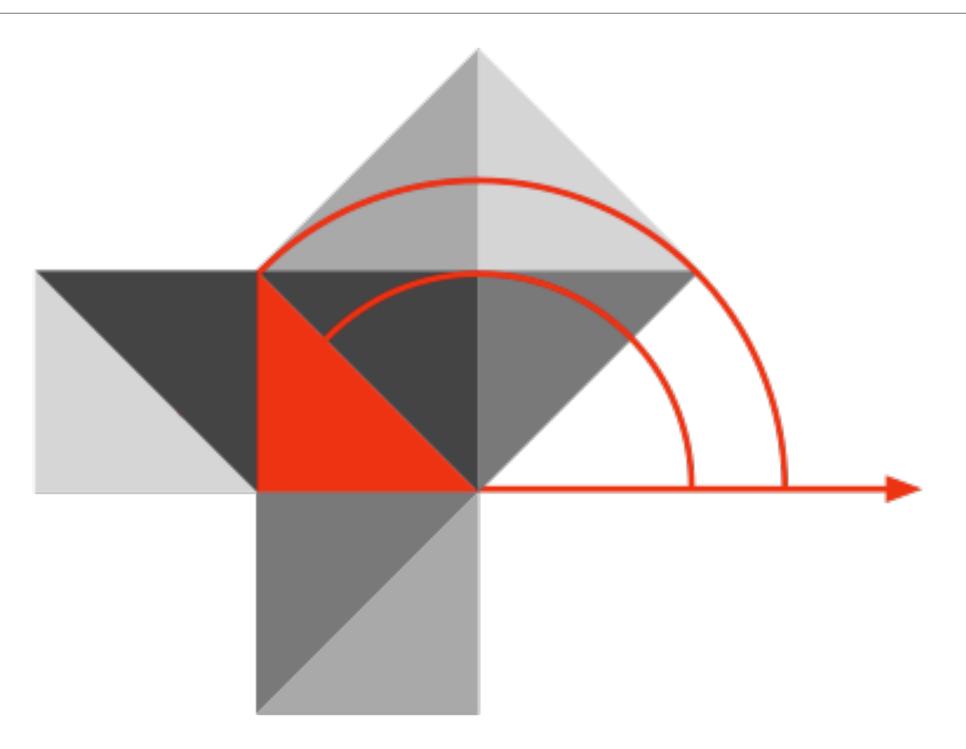
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Hippasus



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