

Of Lively Sketchbooks and Curiosity Amplifiers: Thoughts on the iPad and Learning

Ruben R. Puentedura, Ph.D.



Ubiquity

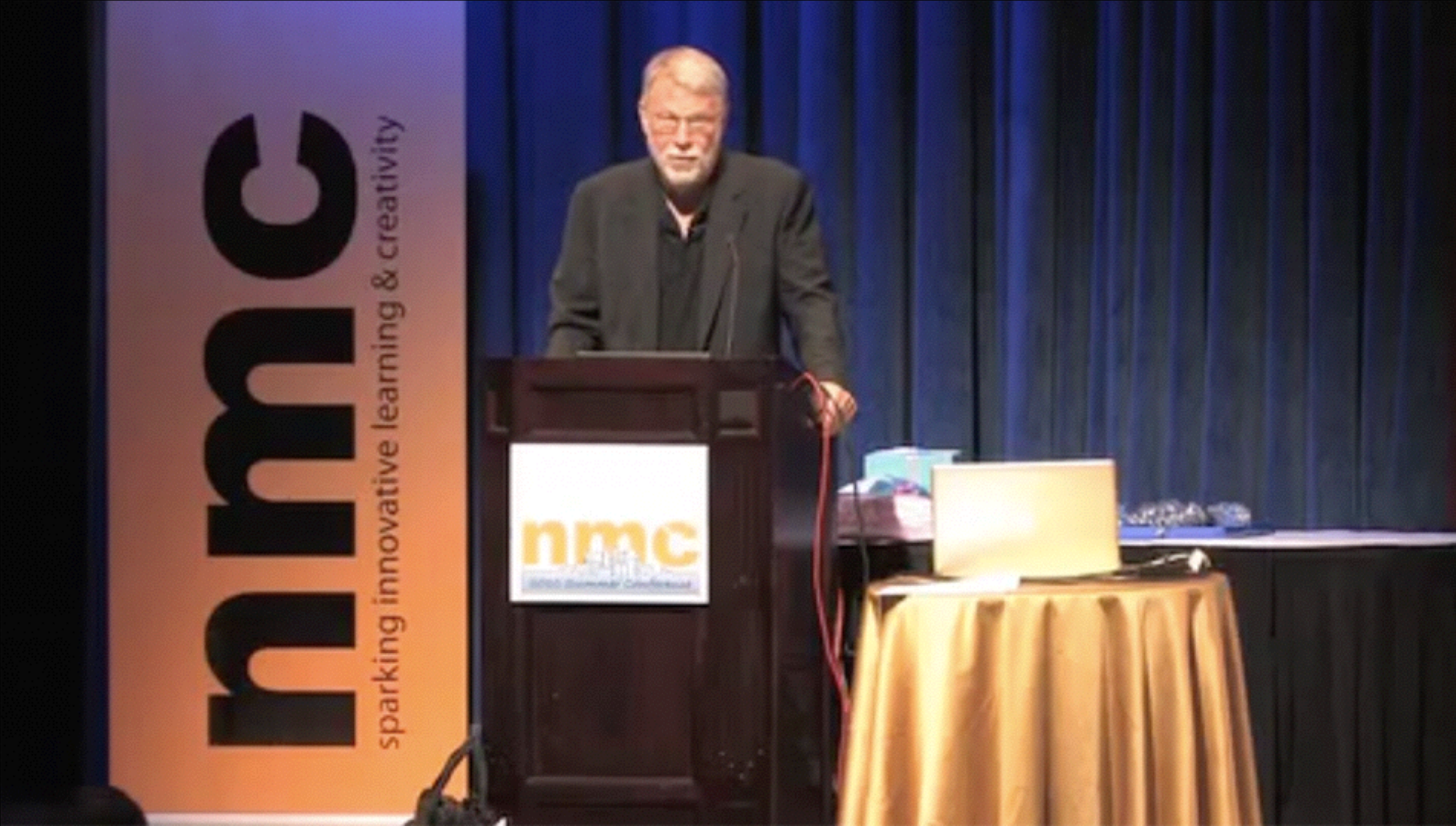


Intimacy



Embeddedness

The Curiosity Amplifier



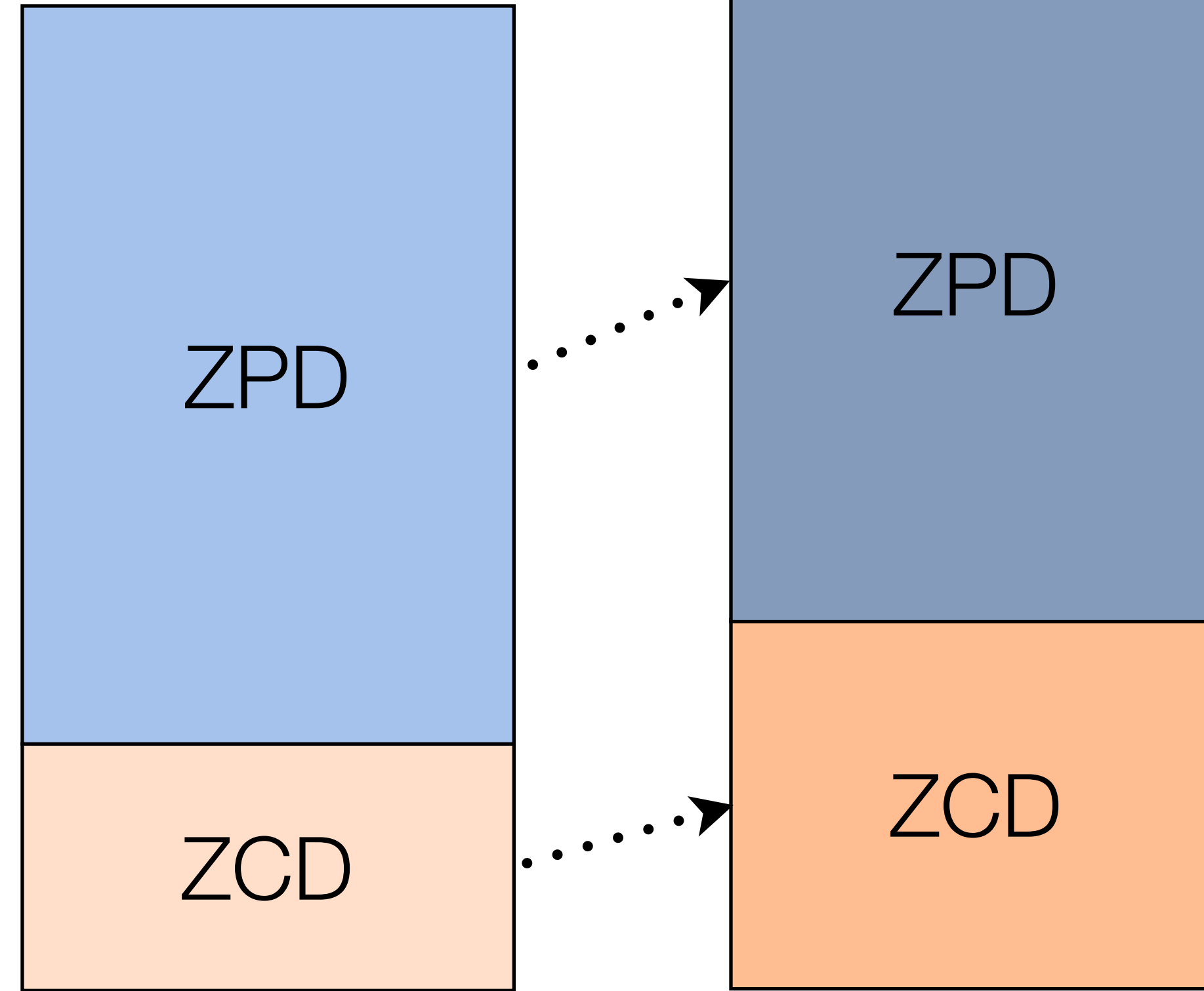
The Grommets



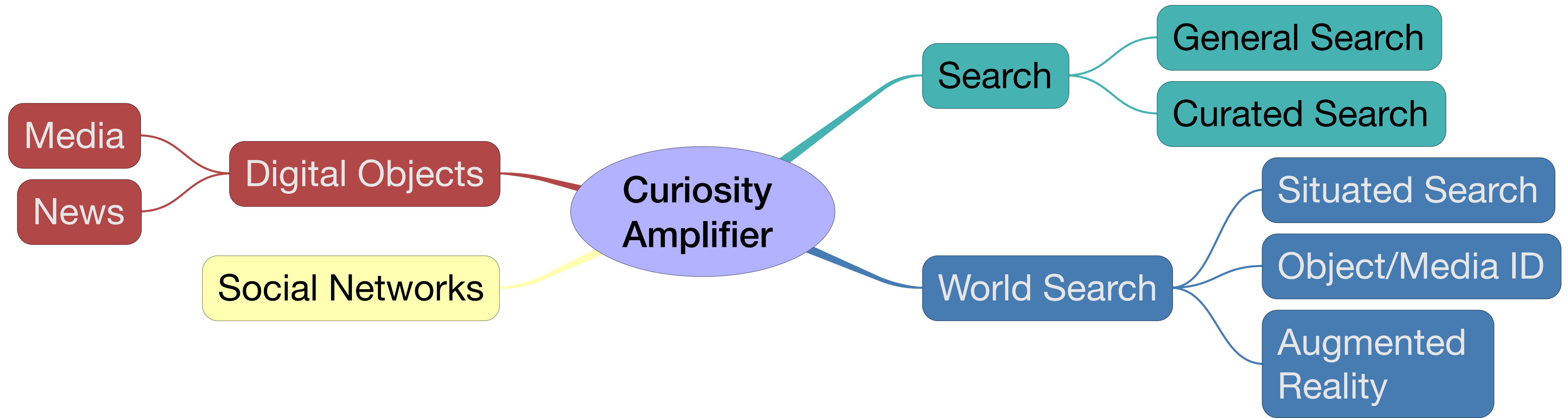
A story about how fame & fortune was brought to Maui



Alone With MKO



- Zone of Proximal Development (ZPD):
 - Region between:
 - what a learner can accomplish independently (the Zone of Current Development, ZCD)
 - what they can accomplish with assistance from a “more knowledgeable other” (MKO)
- “...what a child can do with assistance today she will be able to do by herself tomorrow.”
- This is an iterative process:
 - The ZCD and ZPD change over time;
 - Independent practice is required to close the loop.



Transformation

Redefinition

*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

*Tech acts as a direct tool substitute, with no
functional change*

Enhancement

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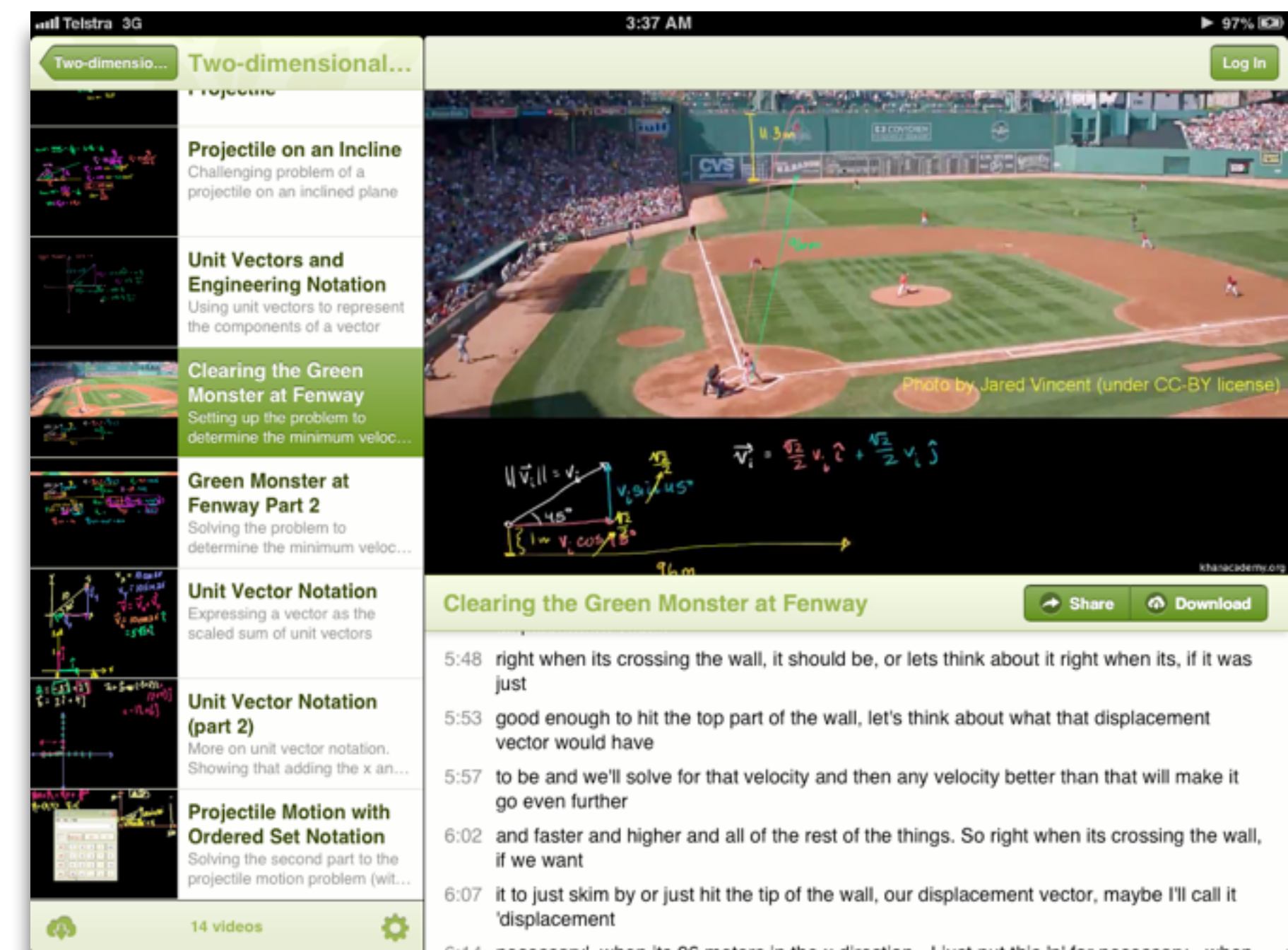
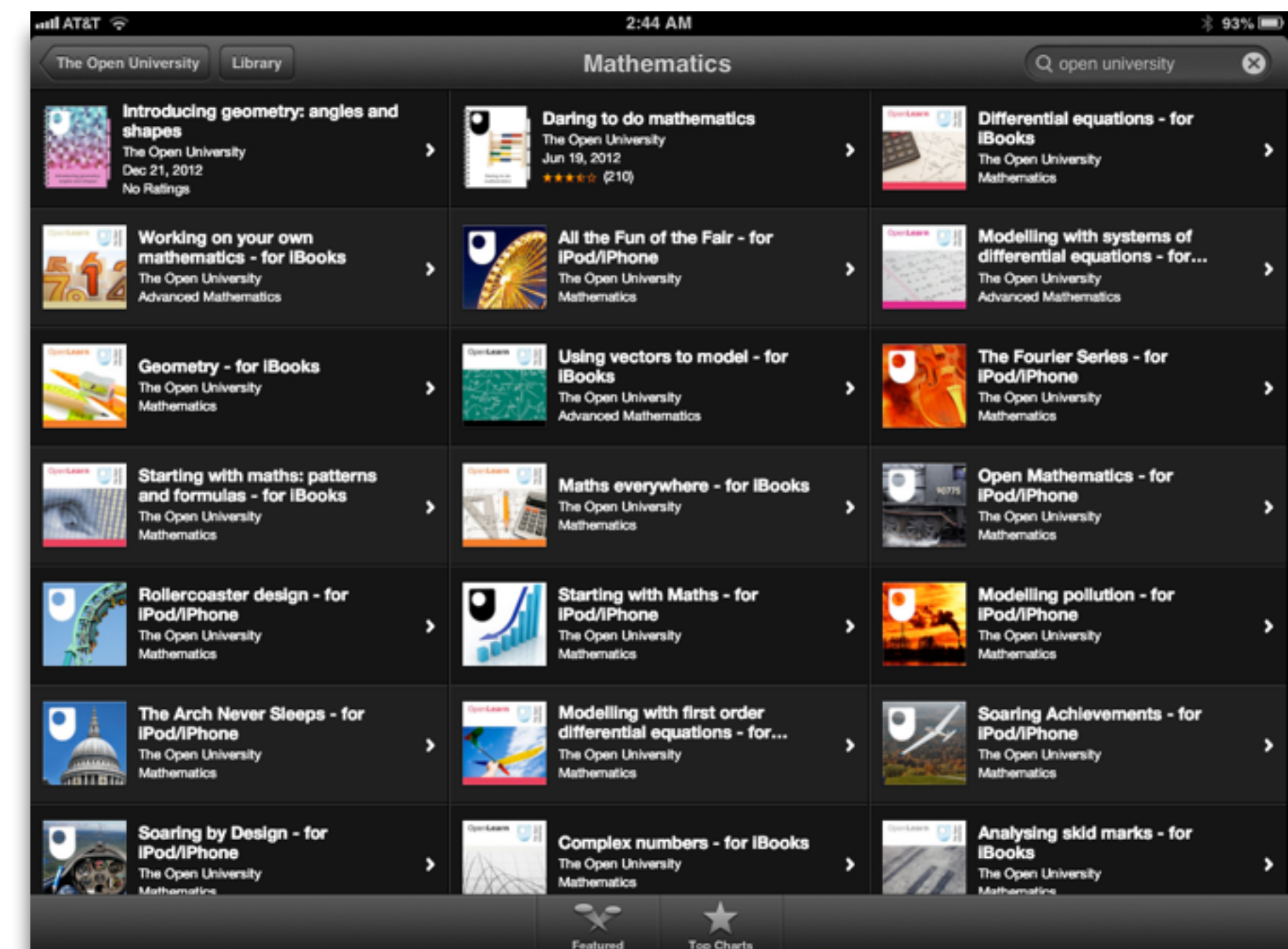
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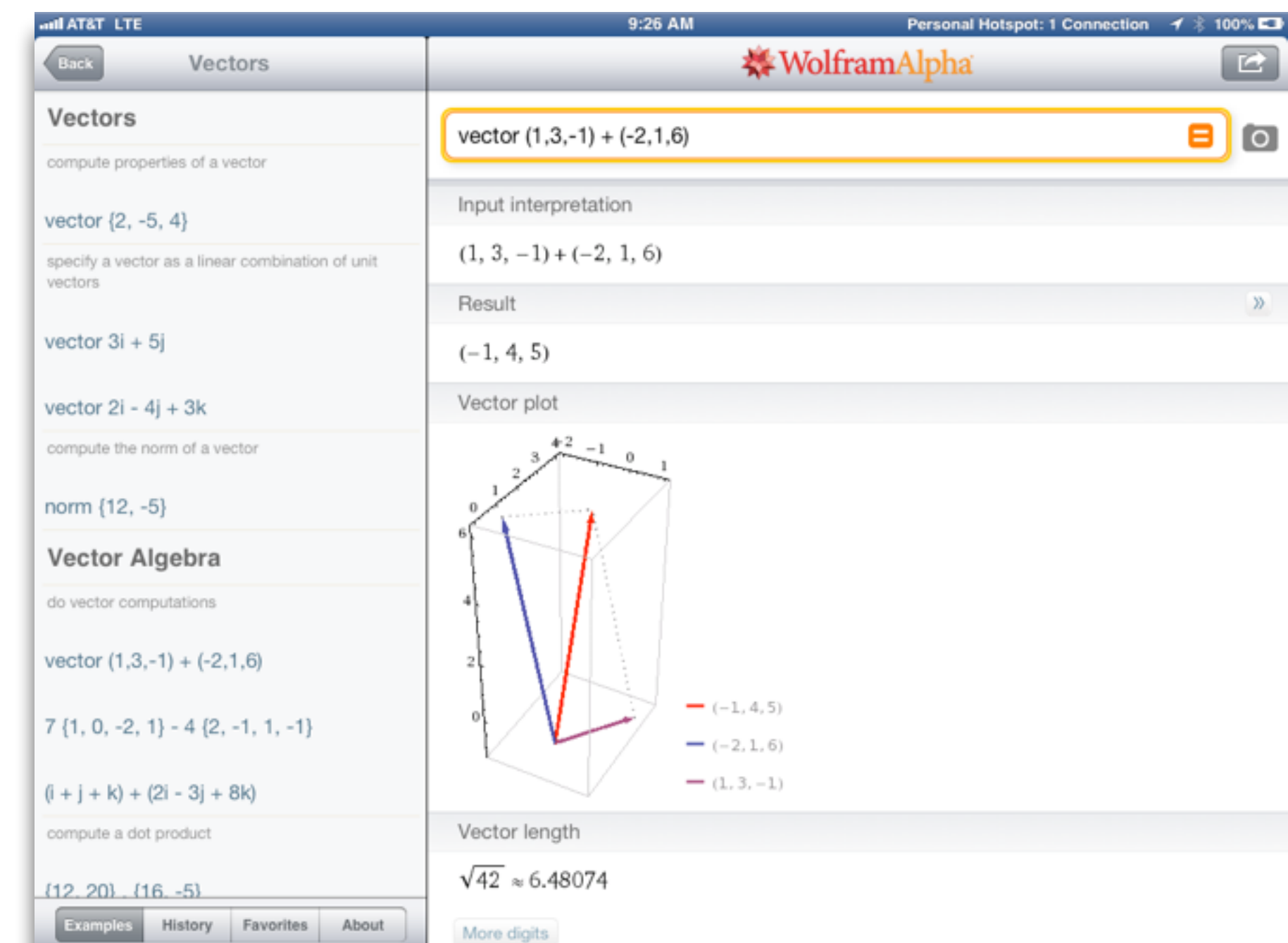
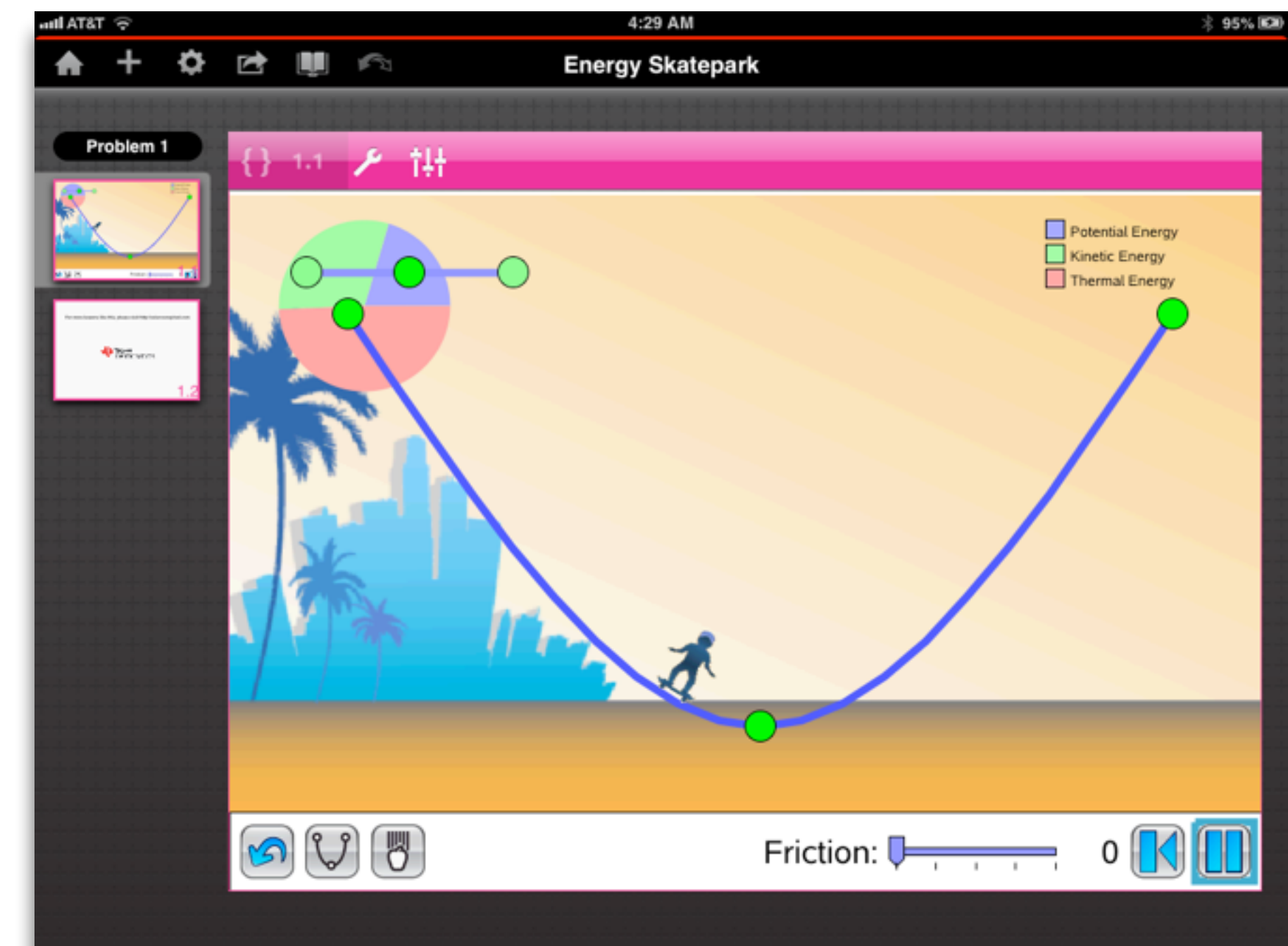
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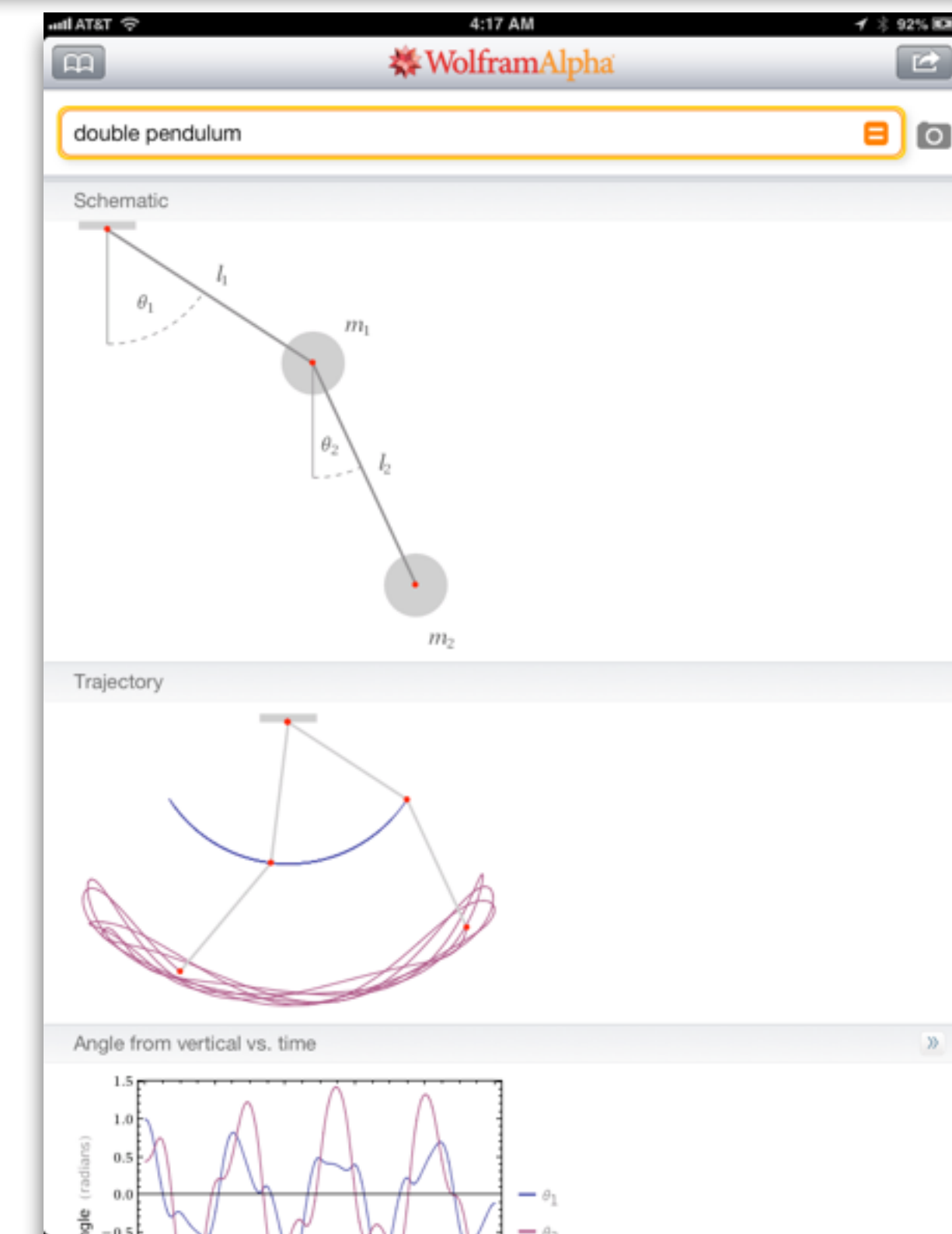
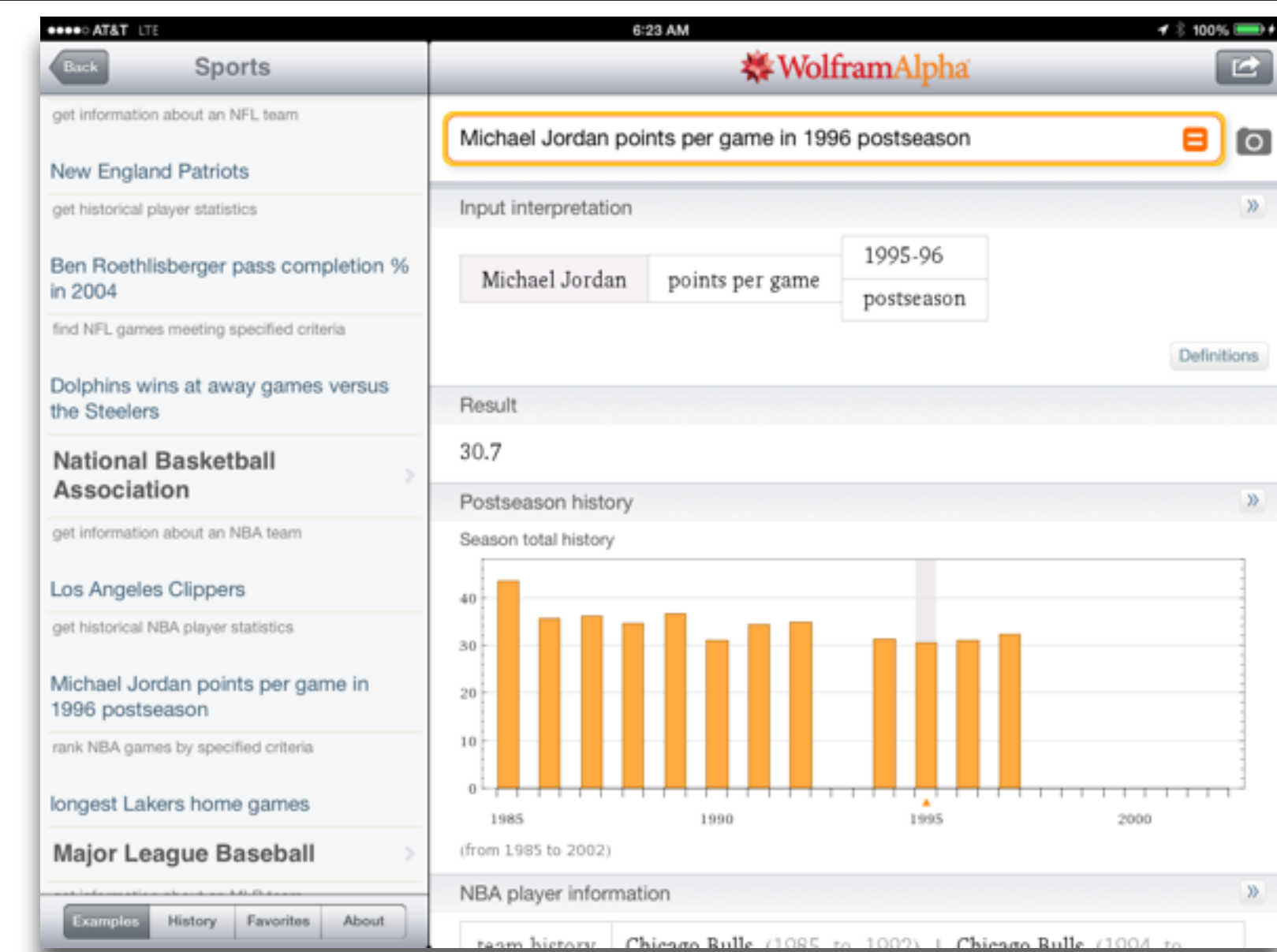
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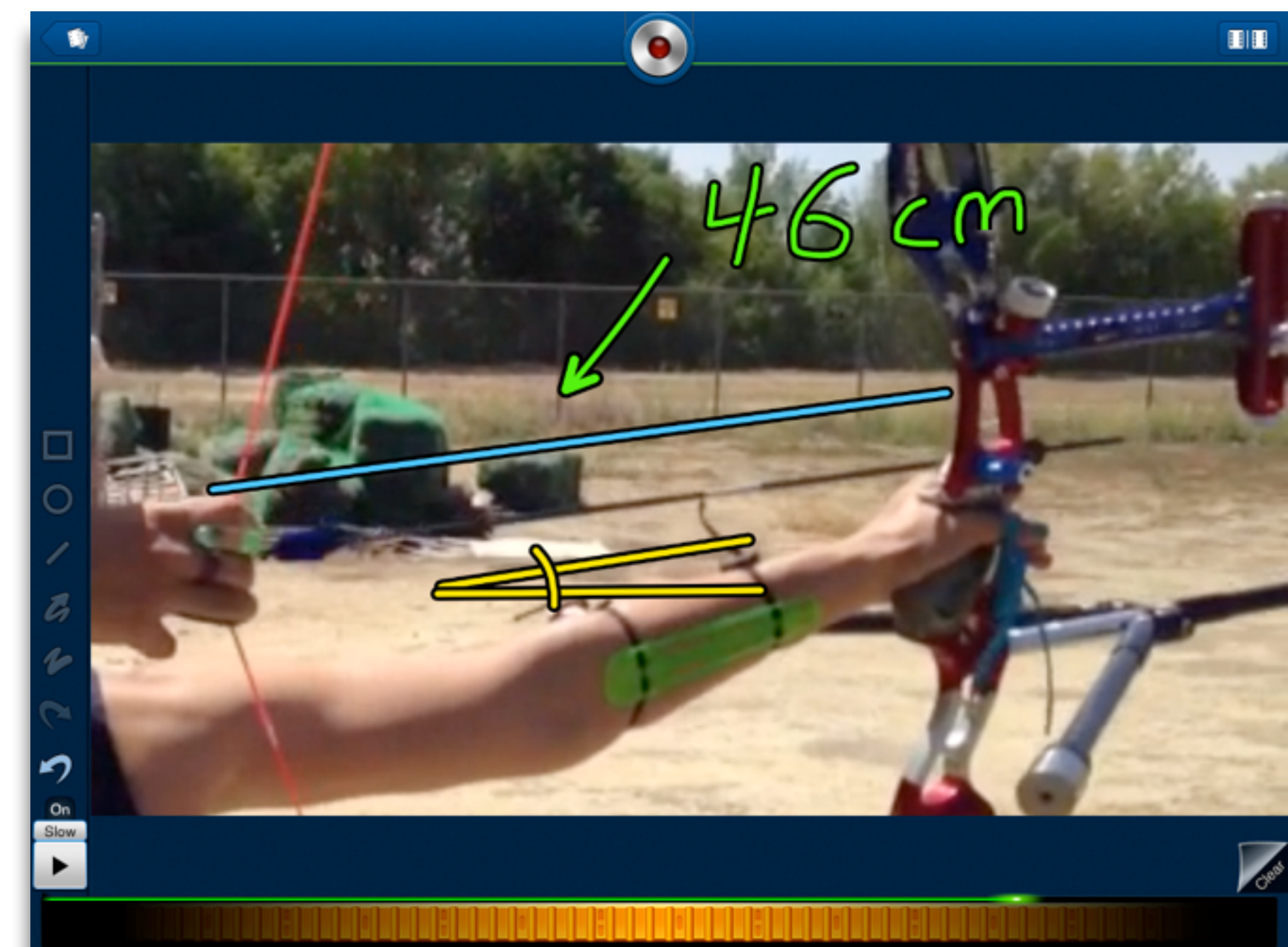
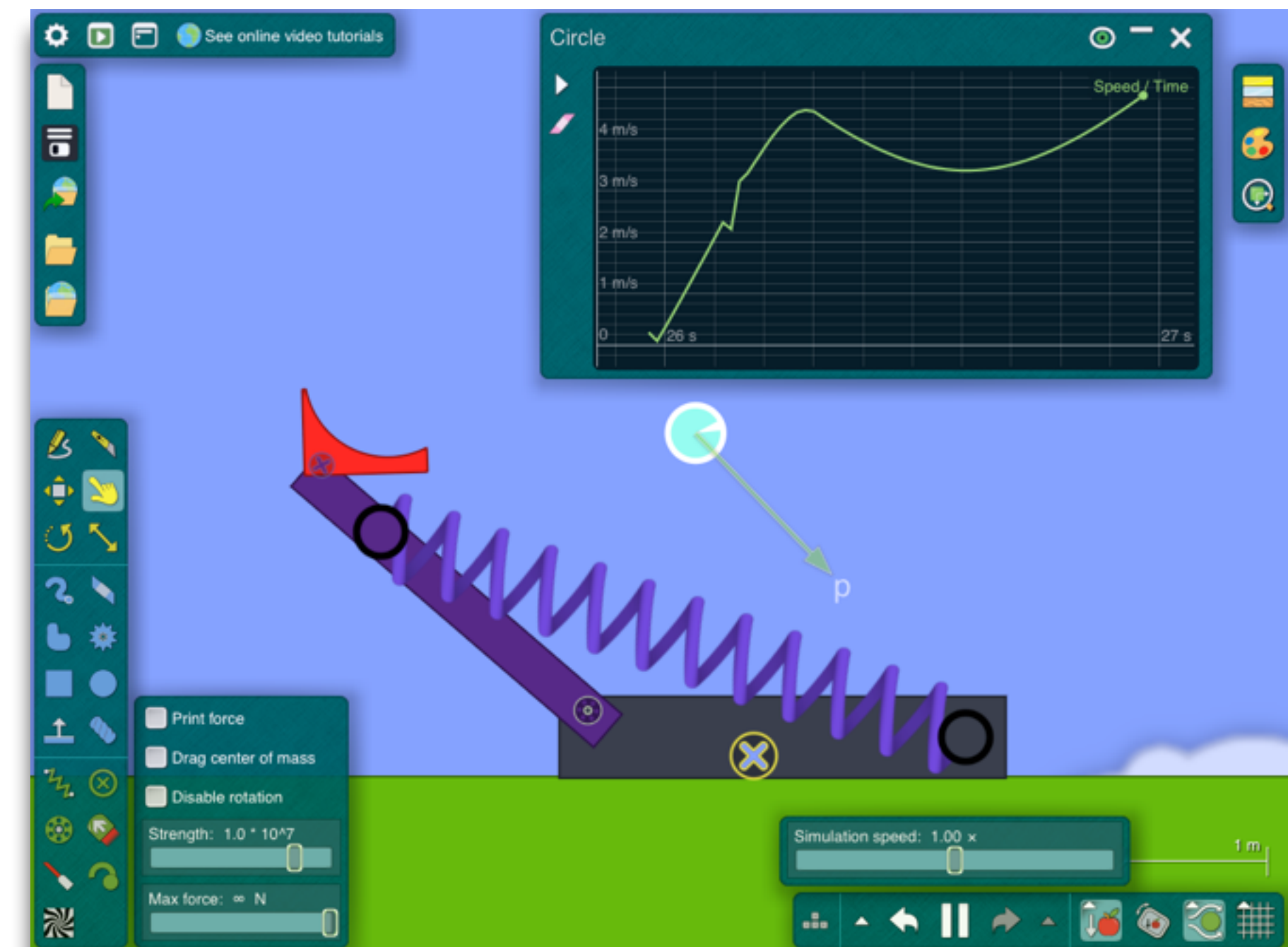
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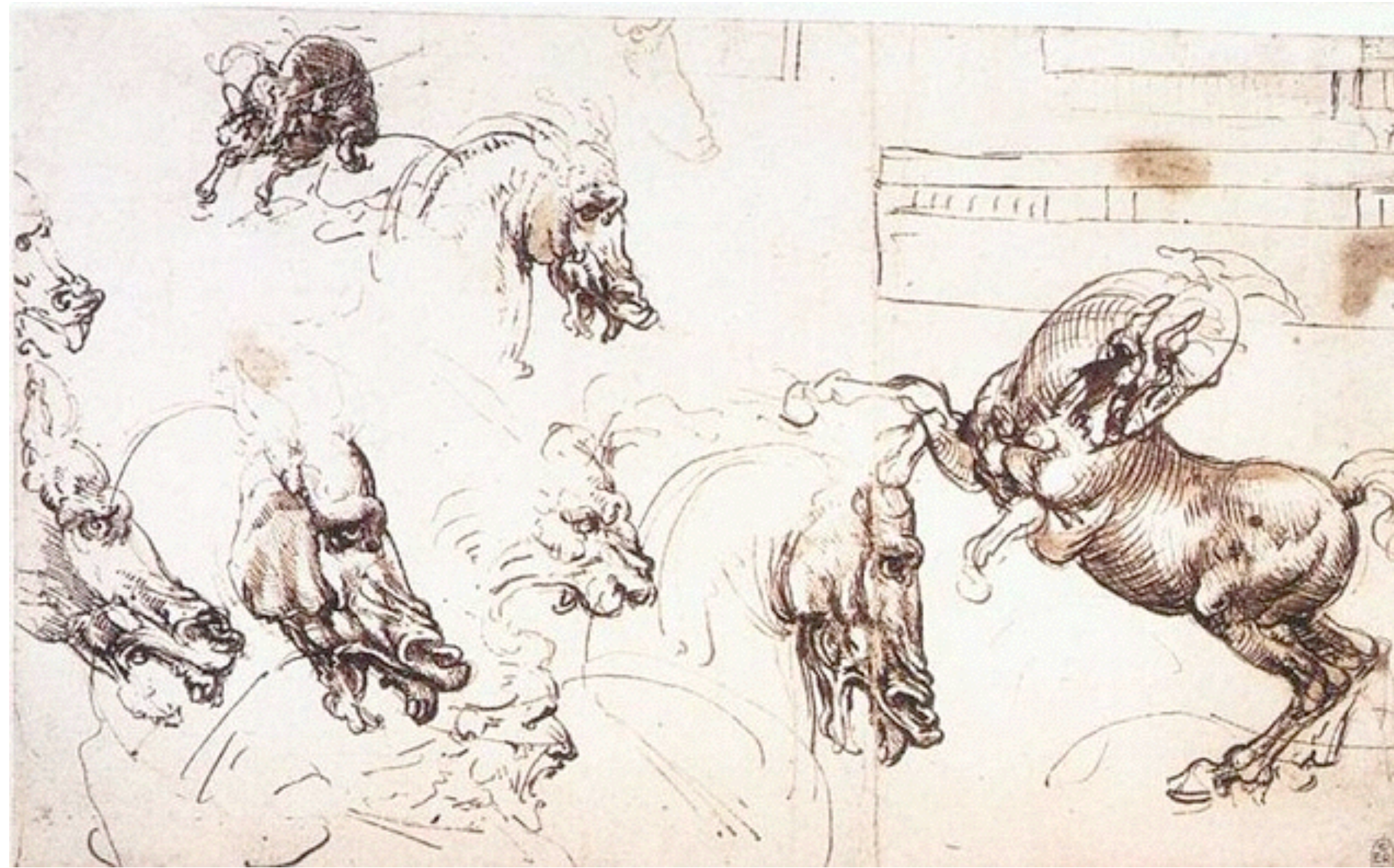
Substitution




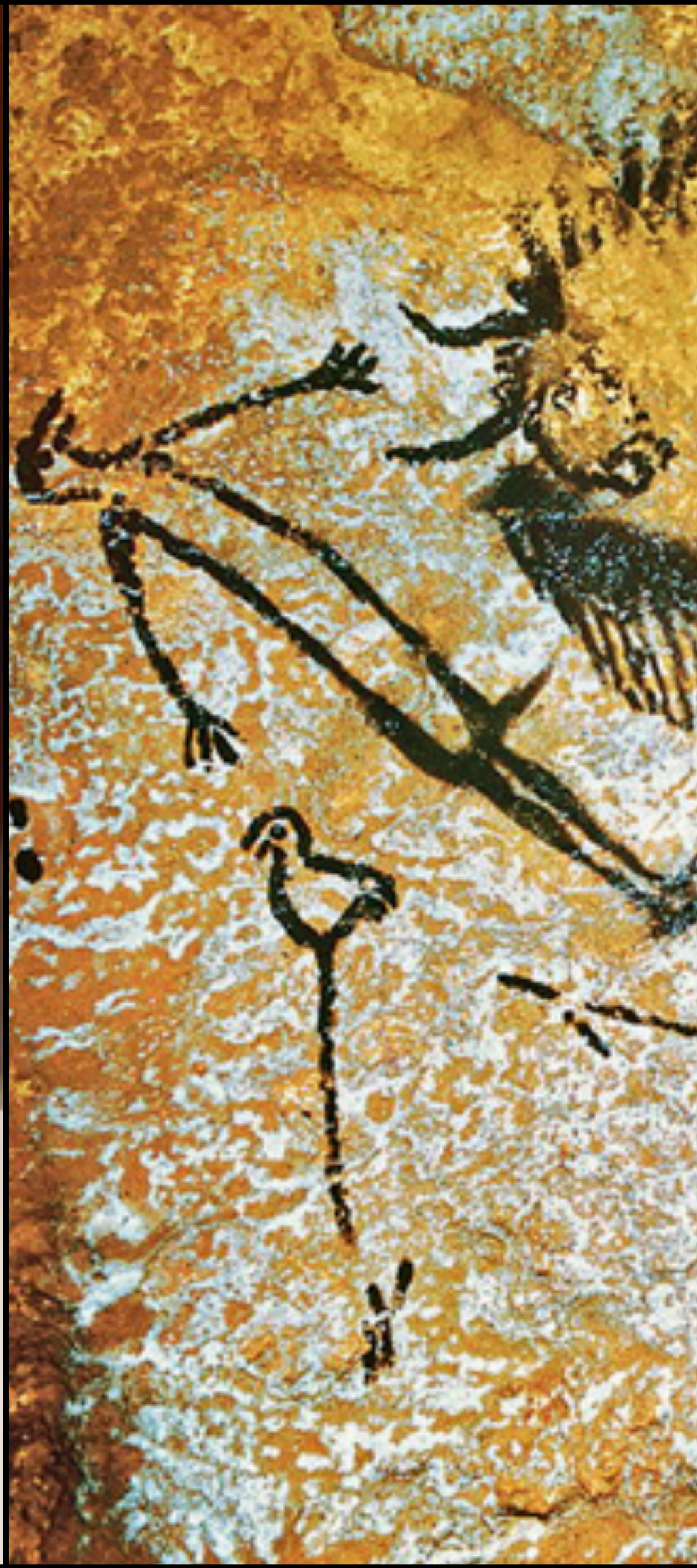

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The Lively Sketchbook





Social	Mobility	Visualization	Storytelling	Gaming
200,000 years	70,000 years	40,000 years	17,000 years	8,000 years
				

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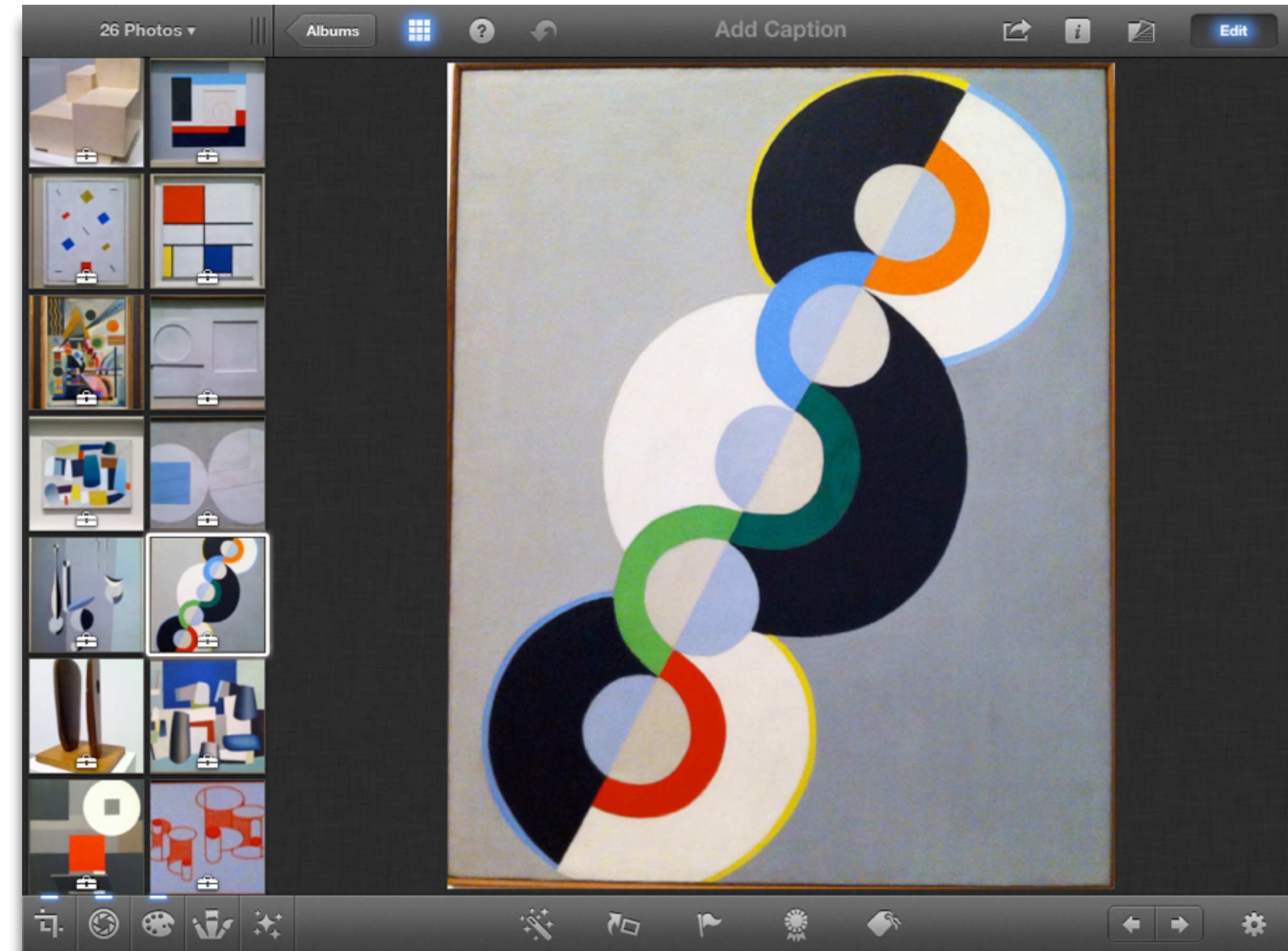
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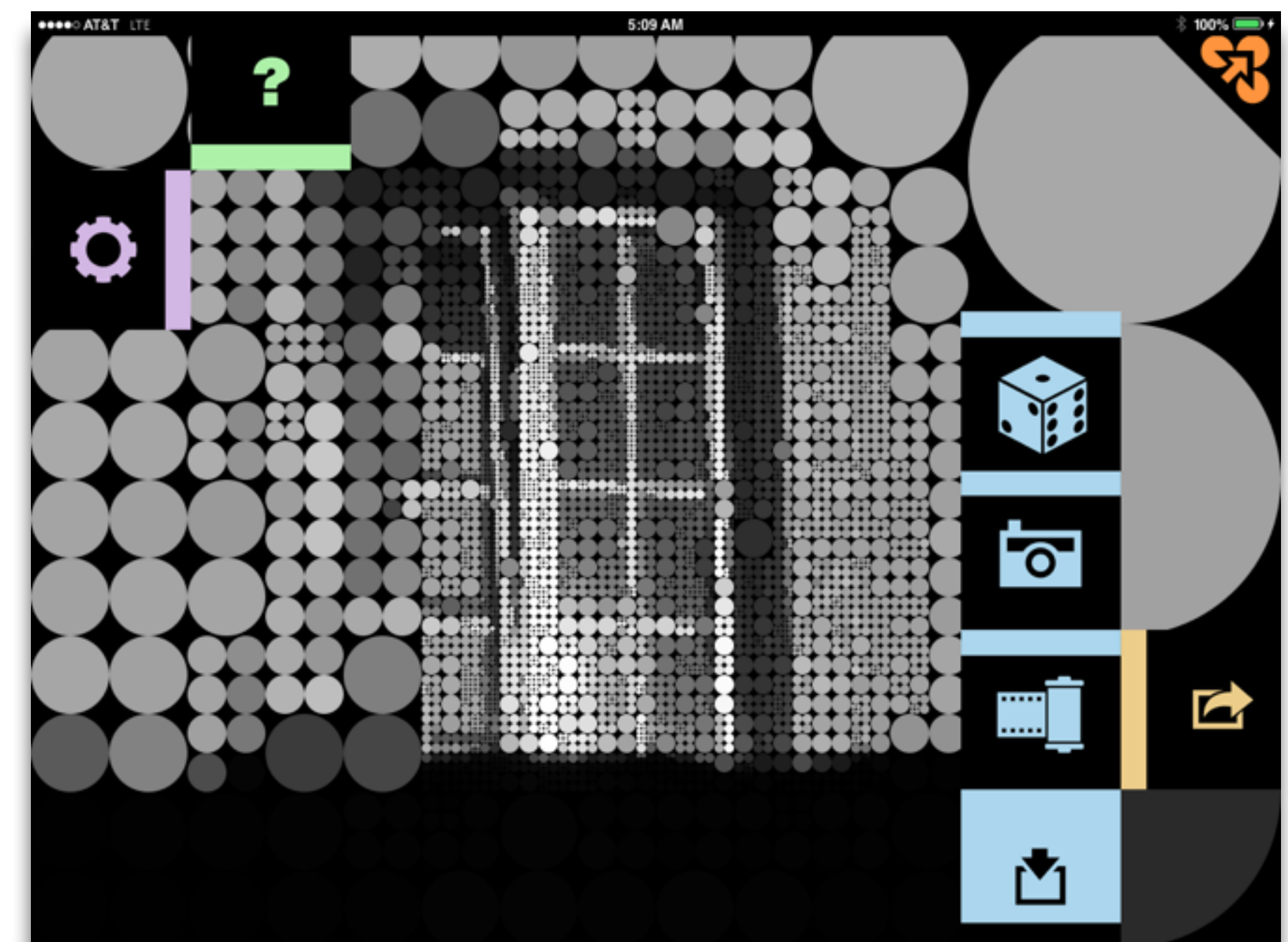
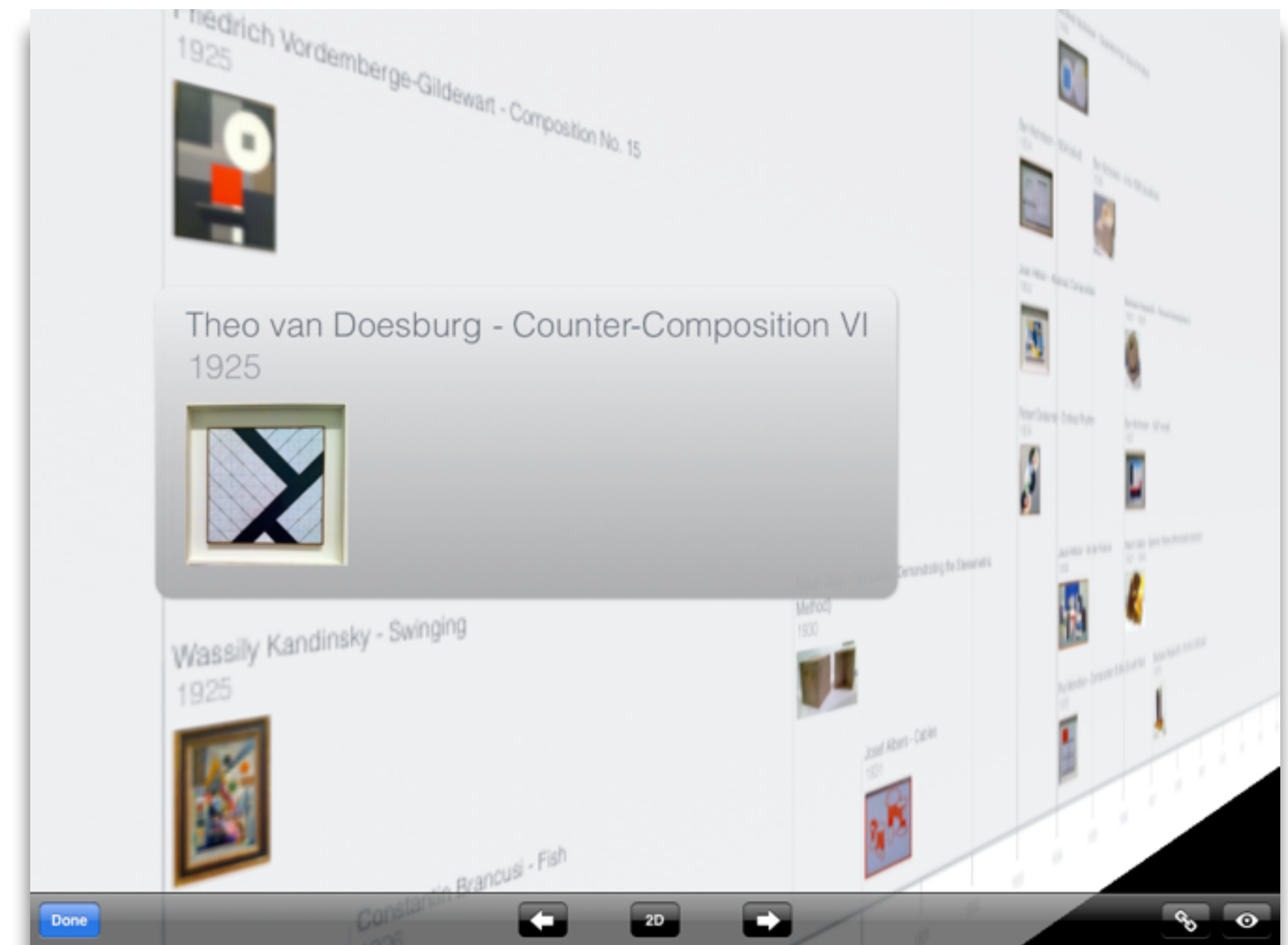
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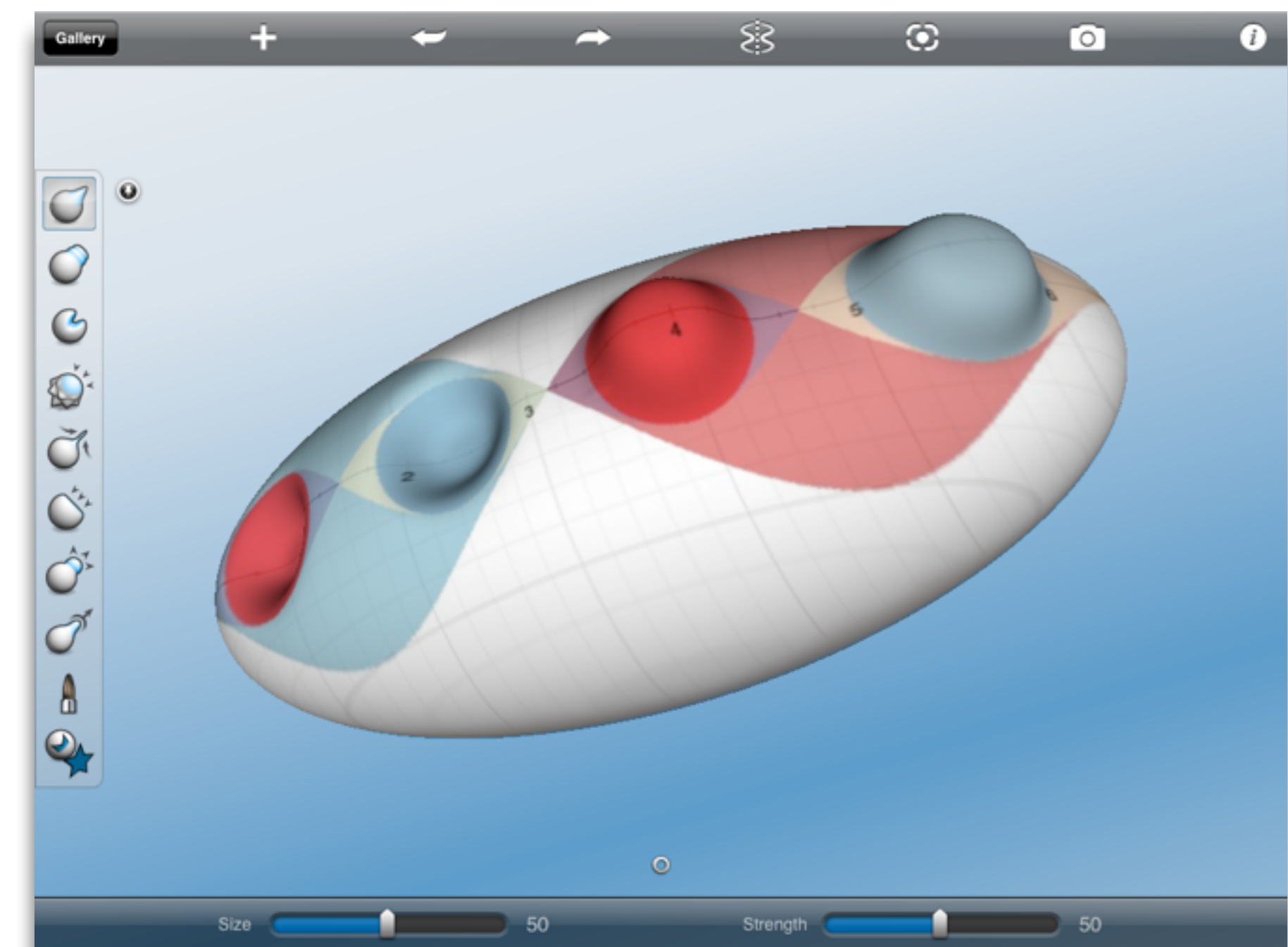
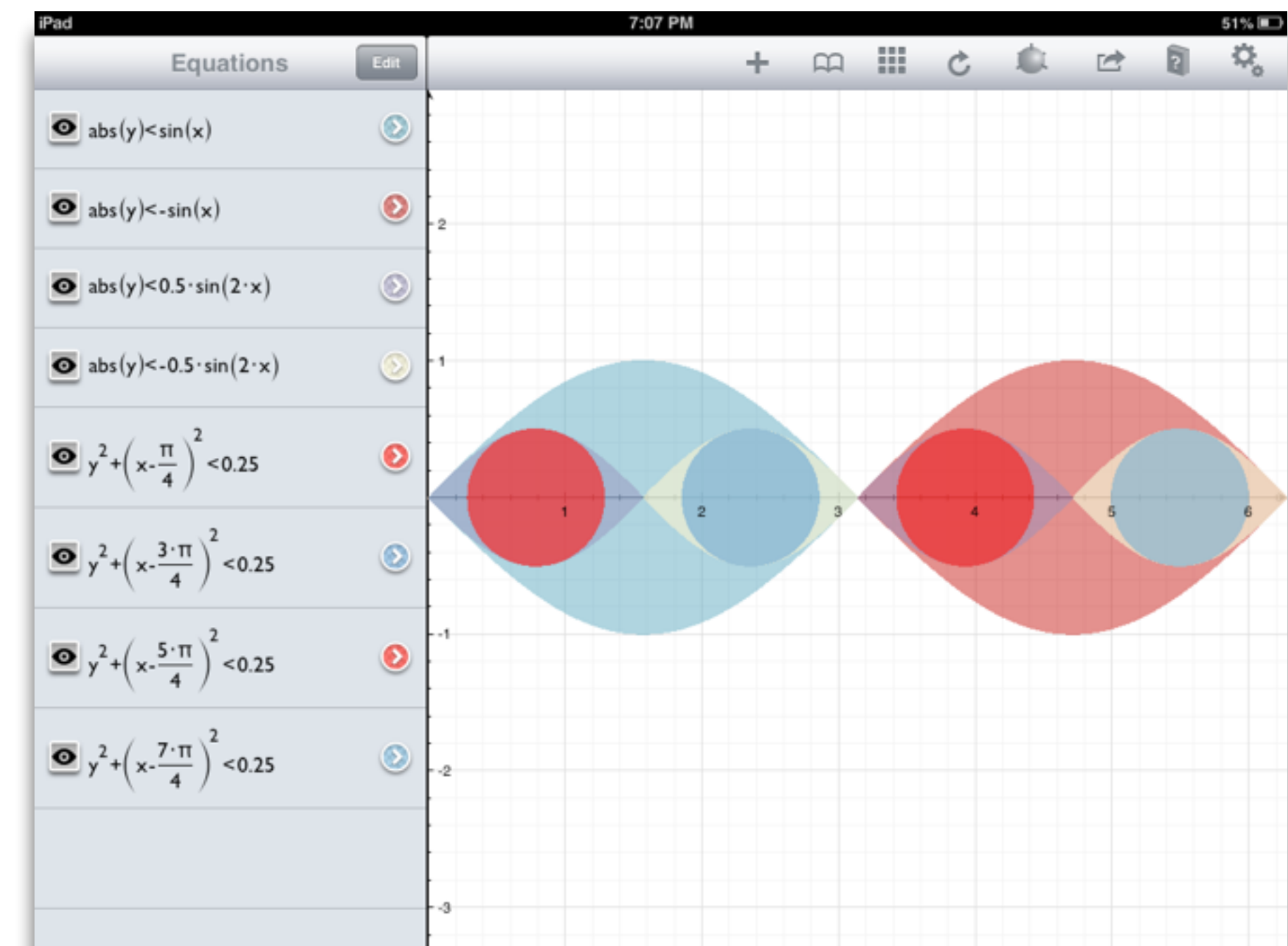
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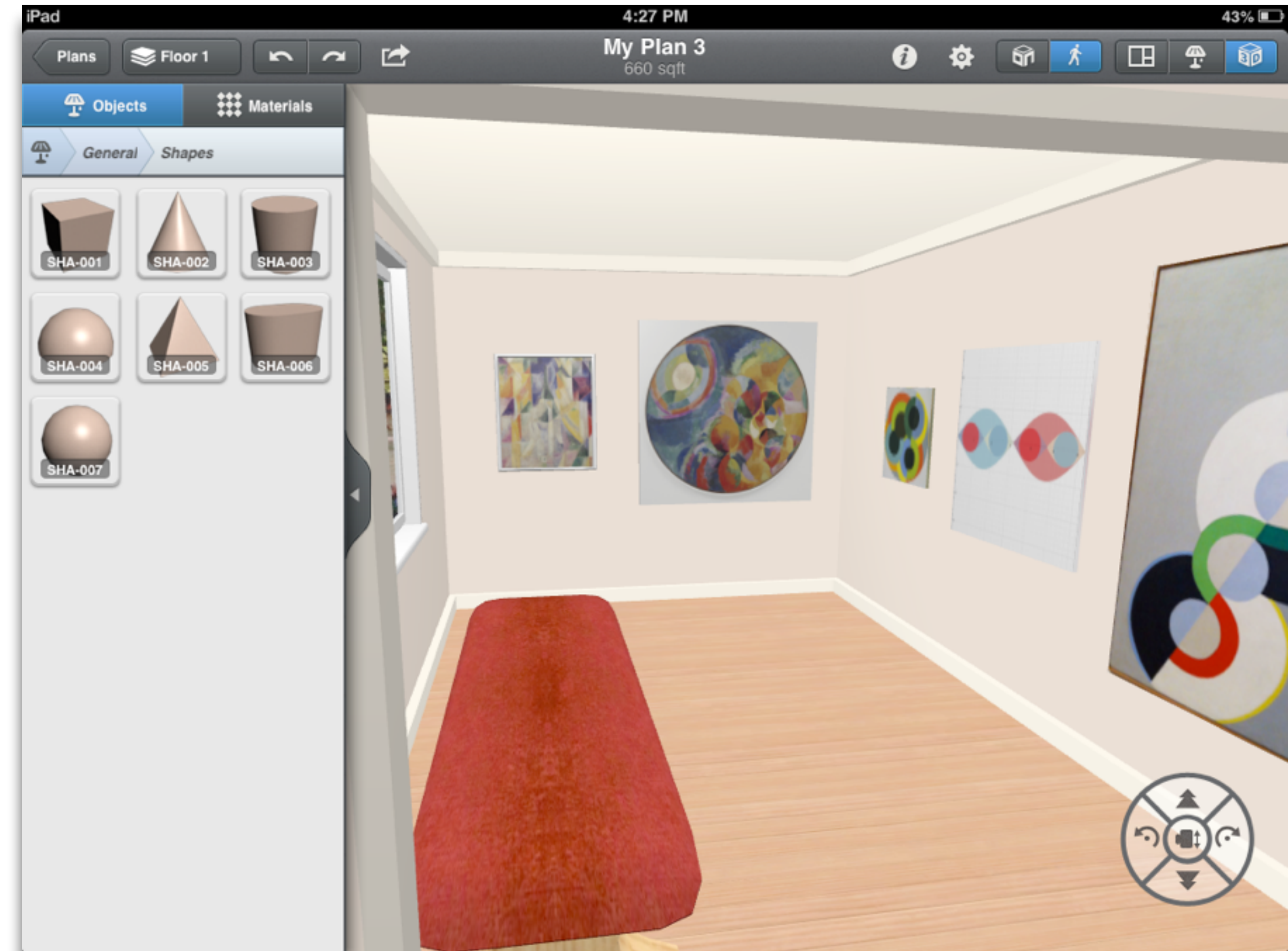
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Participatory Culture

Confronting the Challenges of Participatory Culture: Media Education for the 21st Century

Building the Field of
Digital Media and Learning |



An occasional paper on digital media and learning

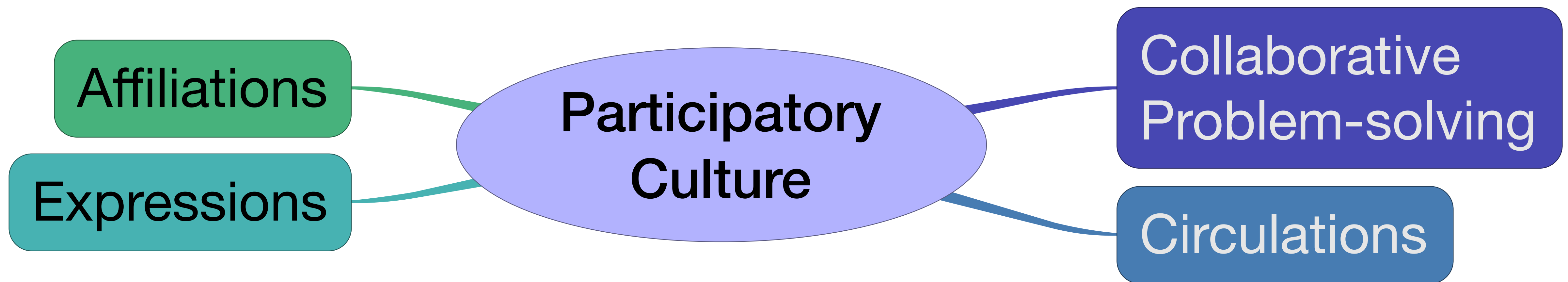
Confronting the Challenges of Participatory Culture: Media Education for the 21st Century

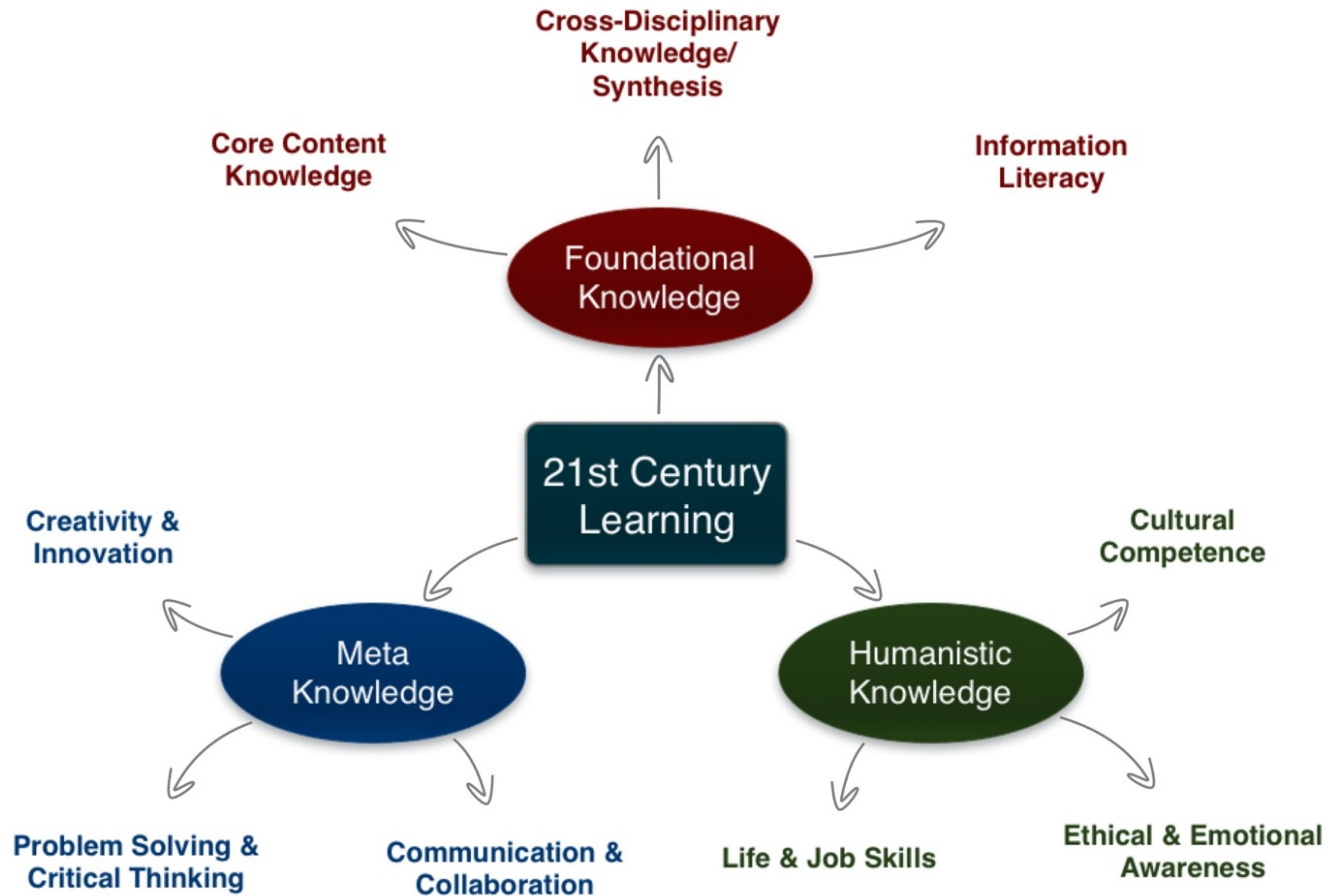
Henry Jenkins, Director of the Comparative Media Studies Program
at the Massachusetts Institute of Technology

with

Katie Clinton
Ravi Purushotma
Alice J. Robison
Margaret Weigel

MACARTHUR
The John D. and Catherine T. MacArthur Foundation





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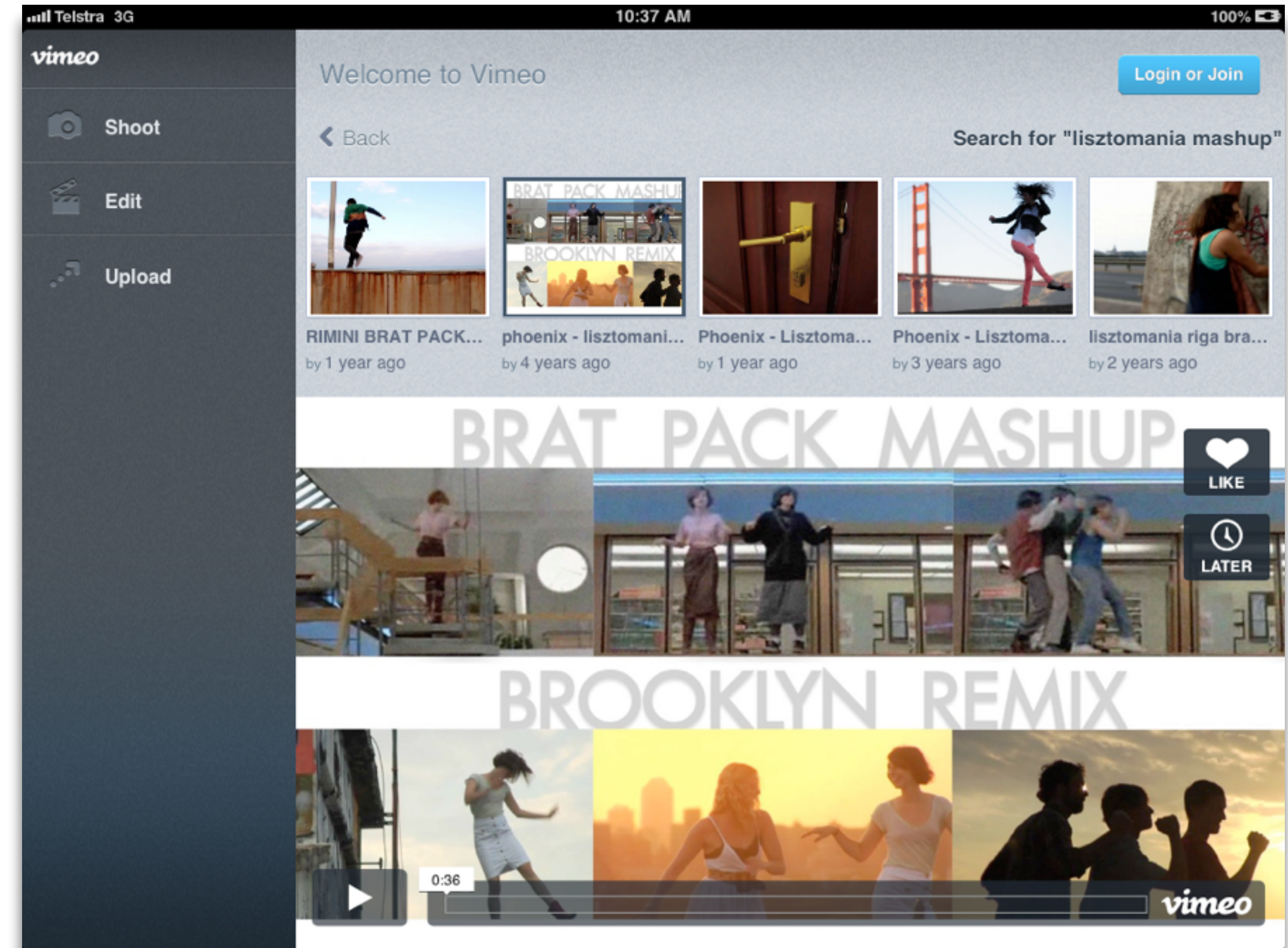
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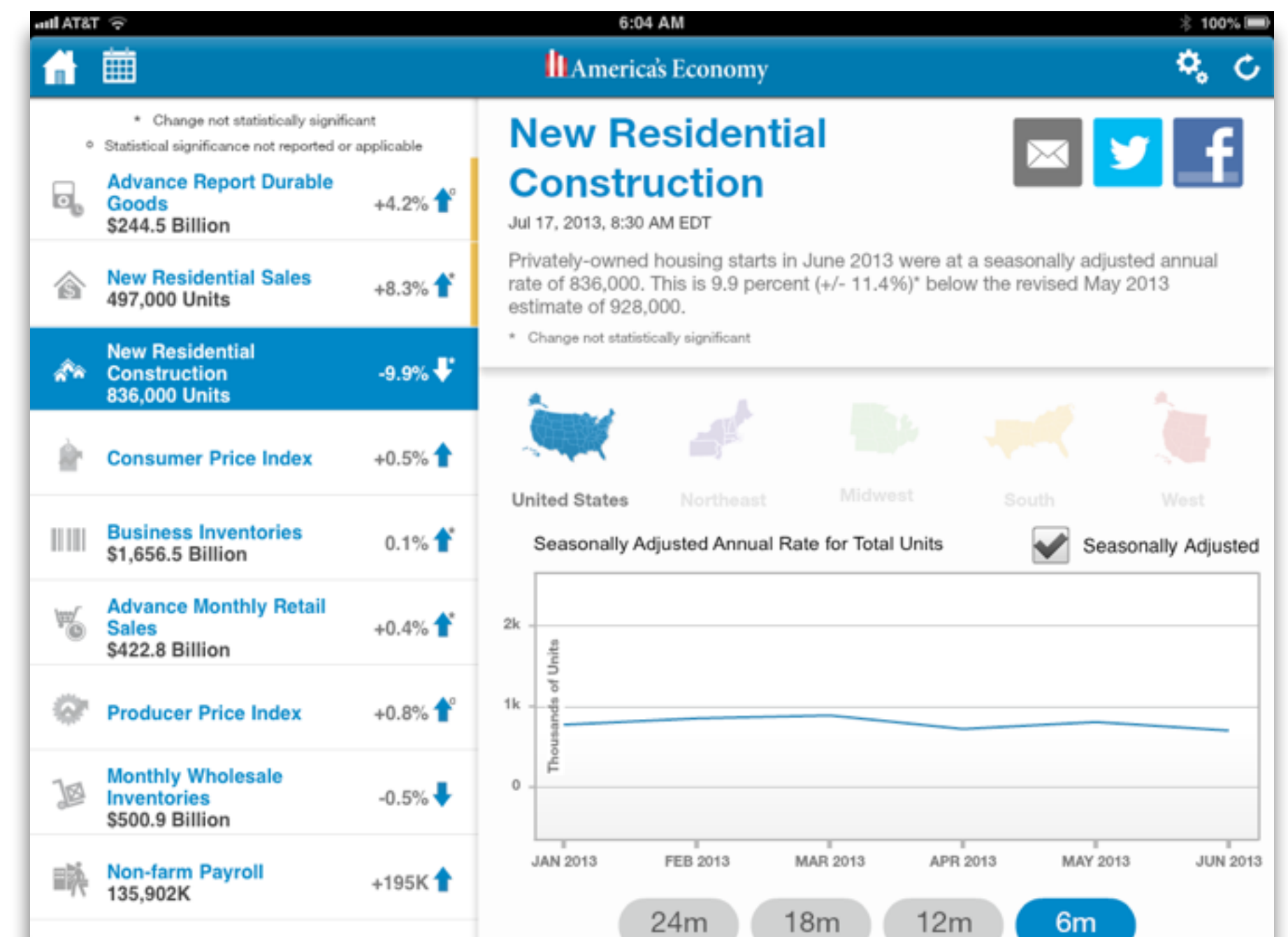
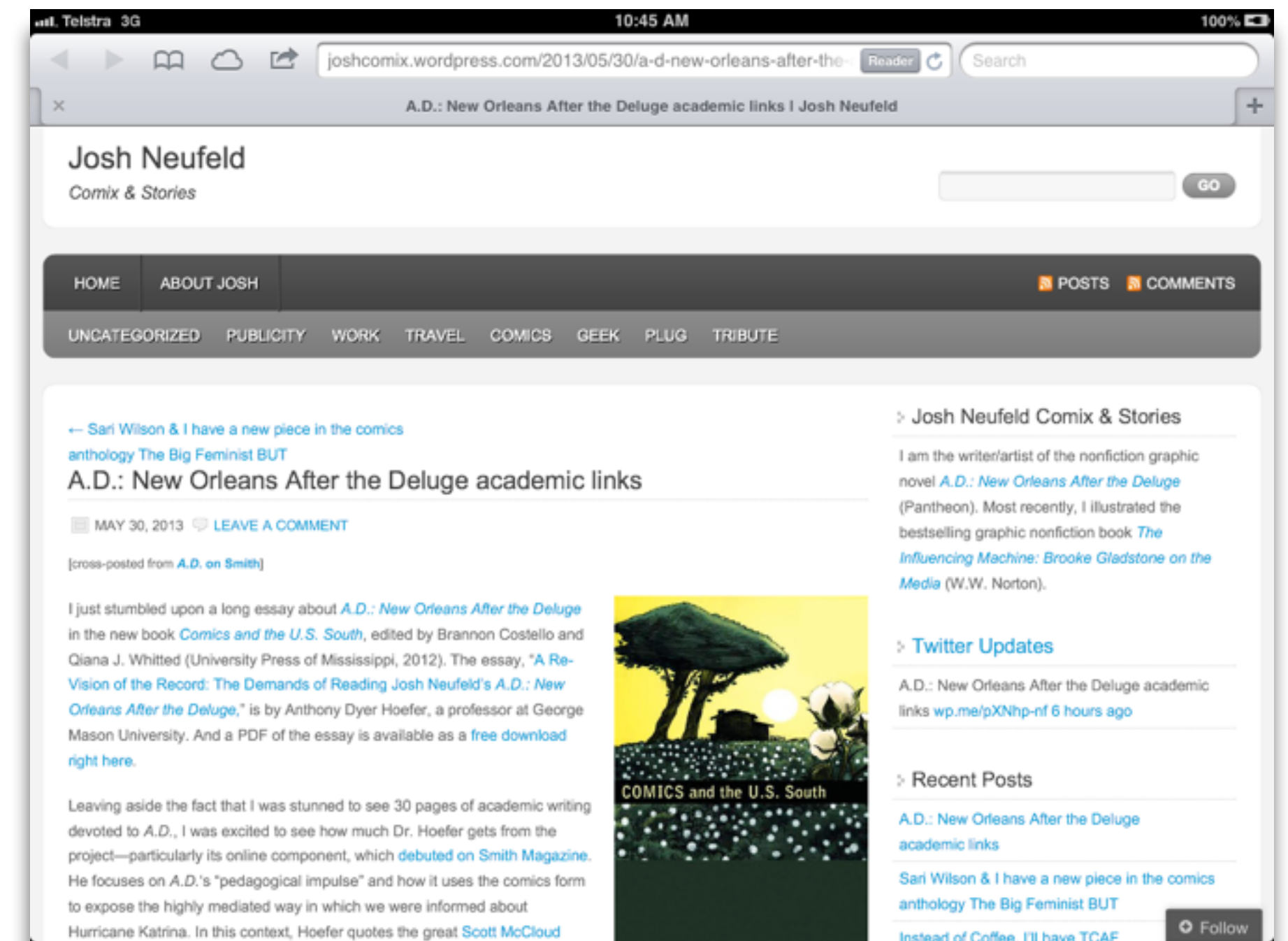
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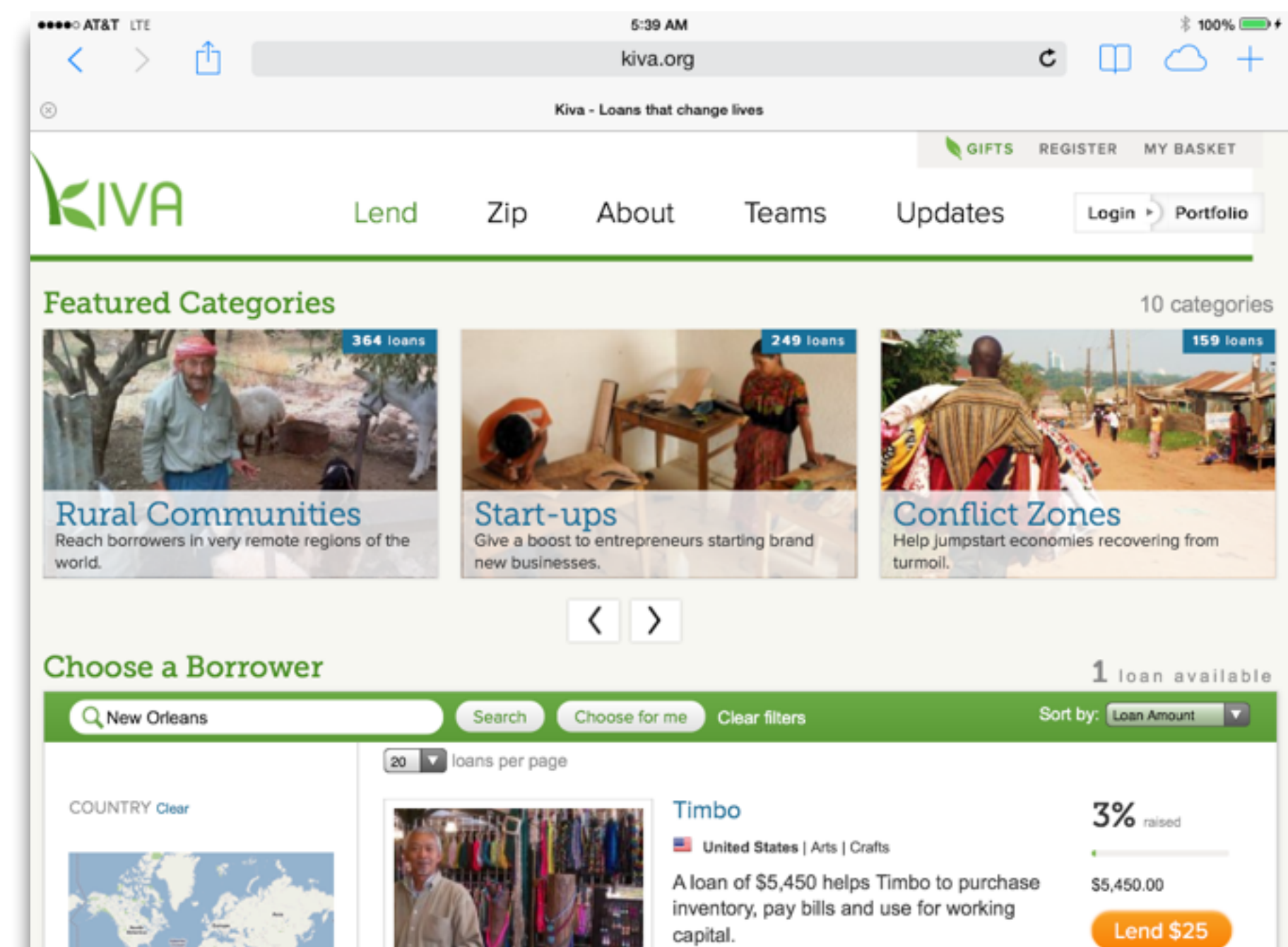


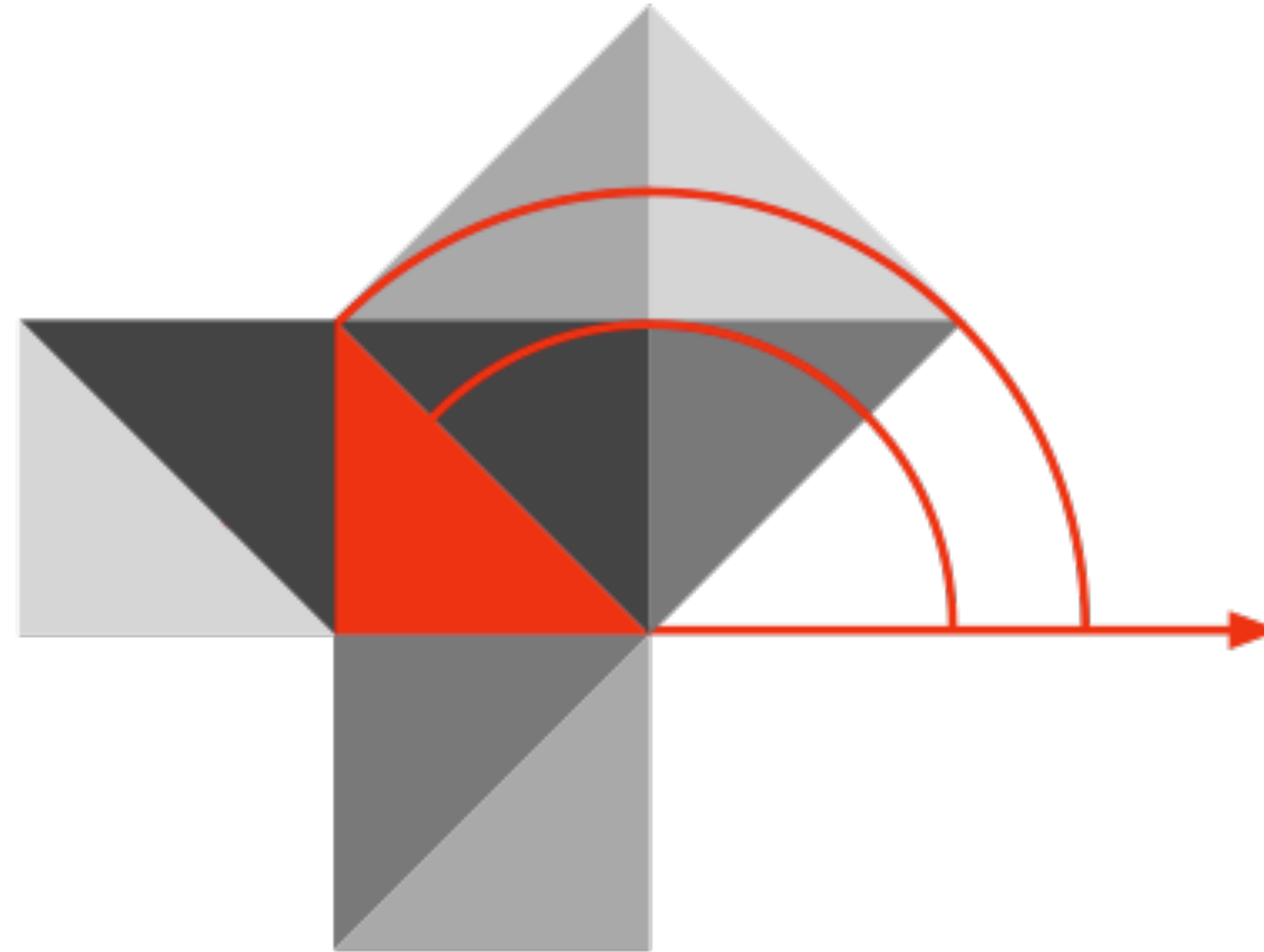
Photo Credits

- *iPad in Subway*: Takashi M
- *YouTube + iPad + Hanalei = Happiness*: Wayan Vota
- *Parcours-jeu multimedia : Les métiers du musée*: Jean-Pierre Dalbéra

Resources

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