Technology In Education: Frameworks, Models, and Applications

Ruben R. Puentedura, Ph.D.

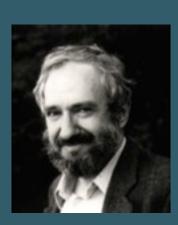
Goals Focus Models



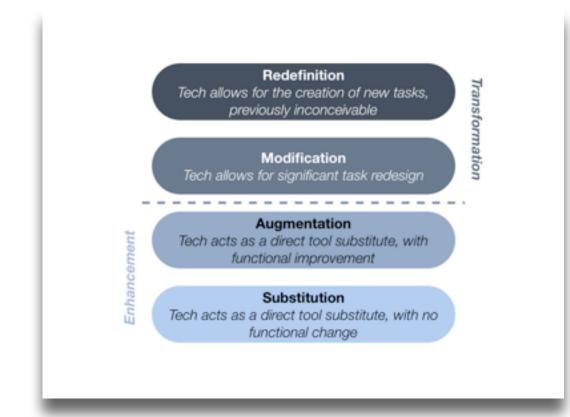


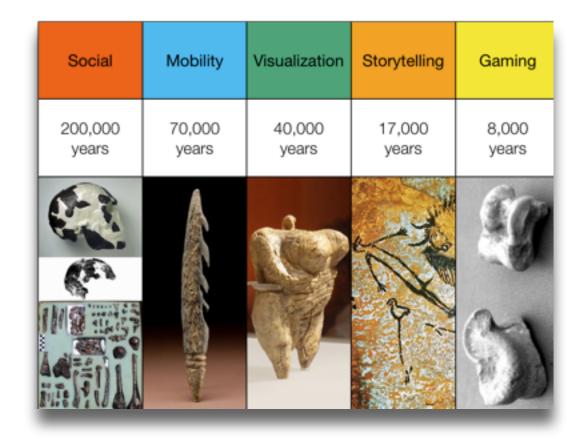
Augmenting Human Intellect & Learning Capacity

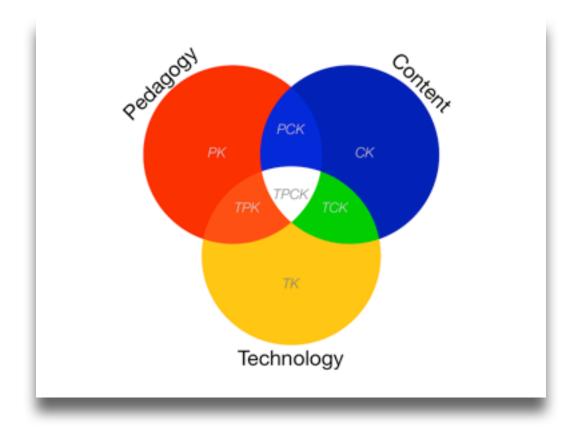












One-to-One Technologies

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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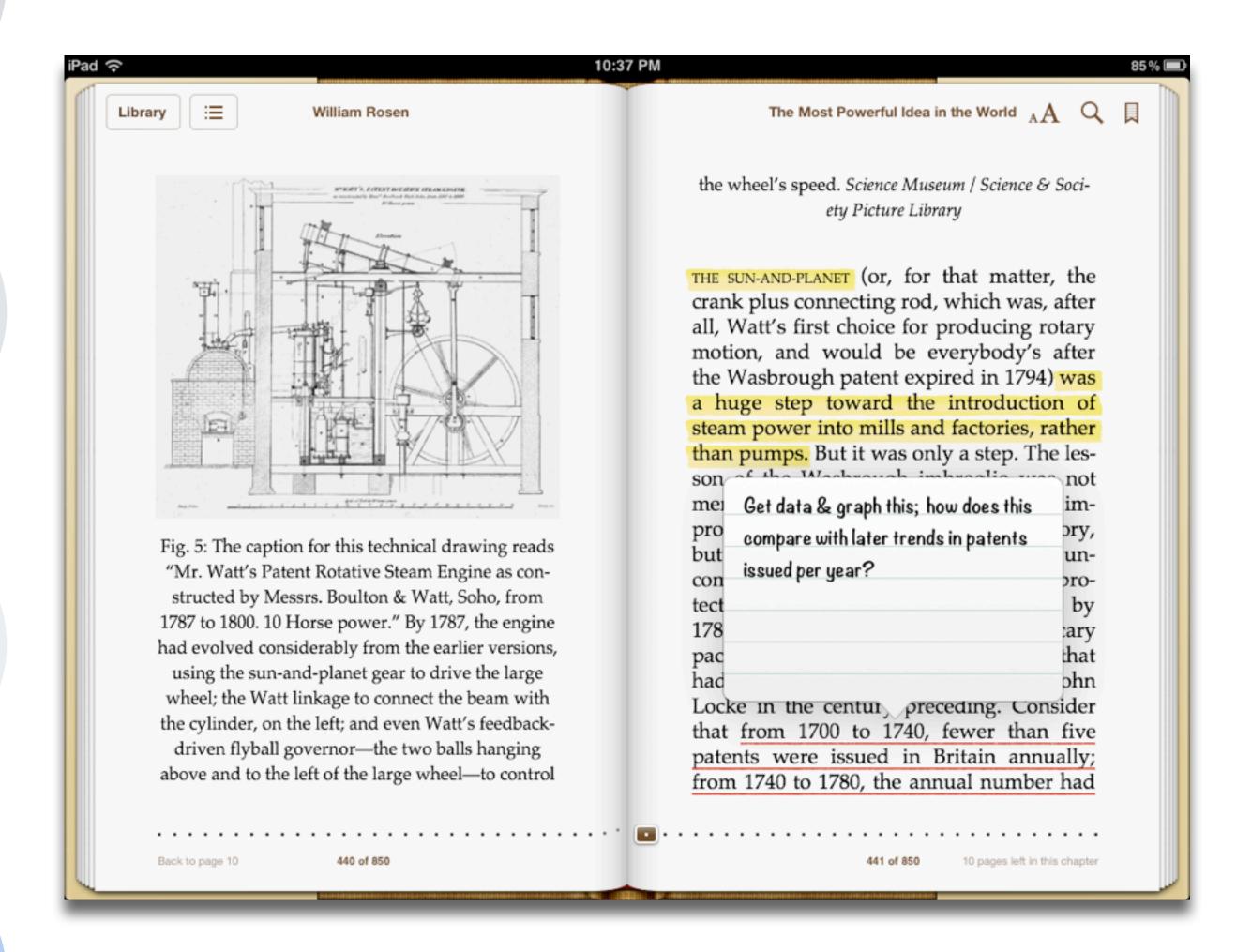
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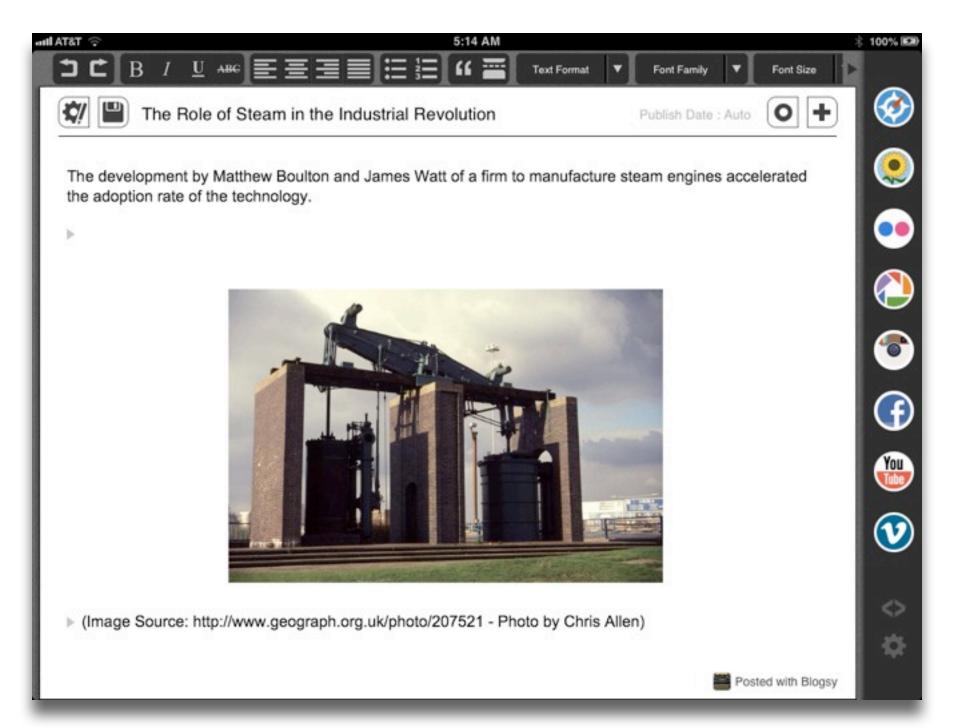
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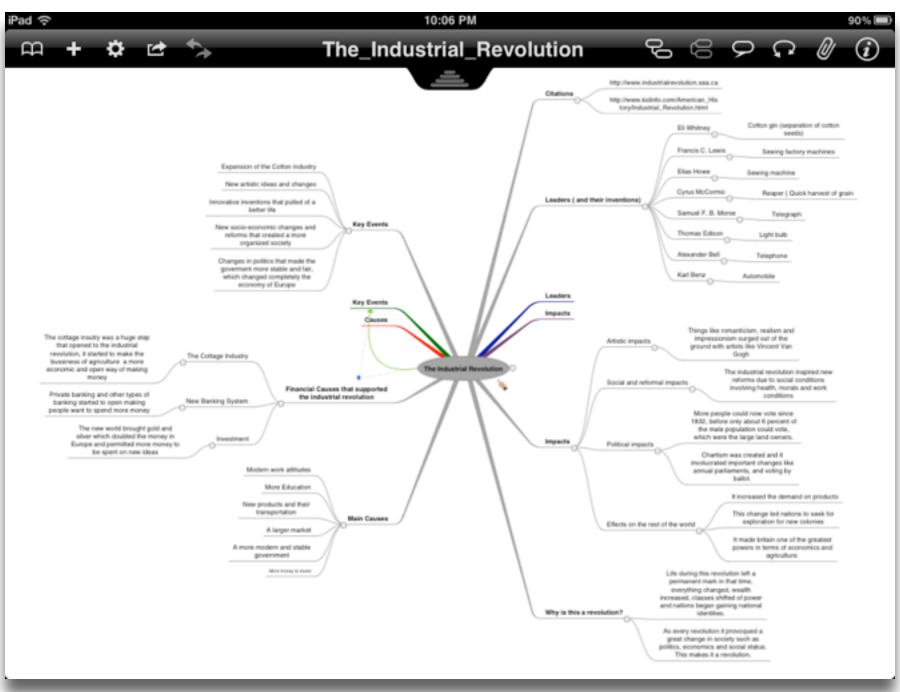
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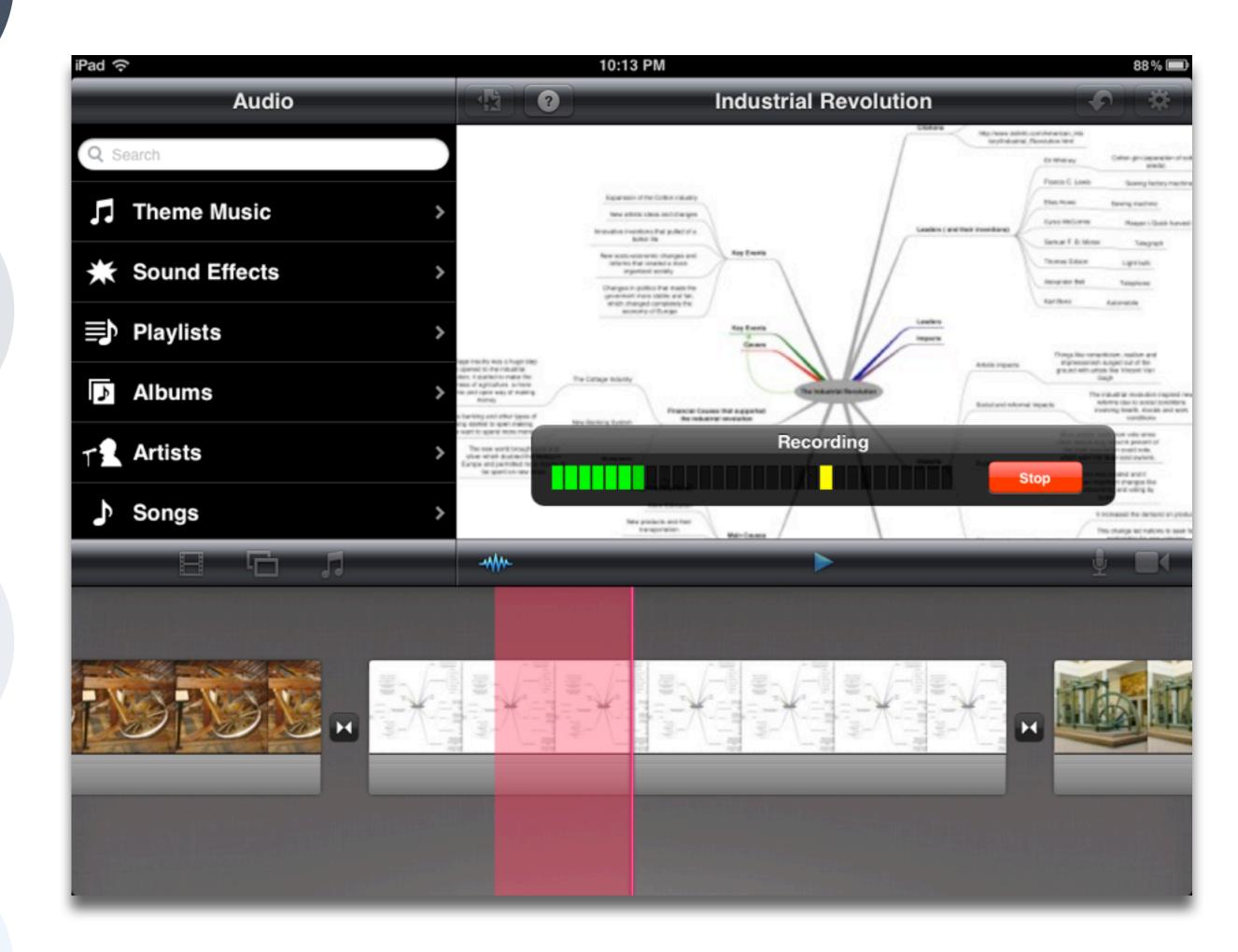
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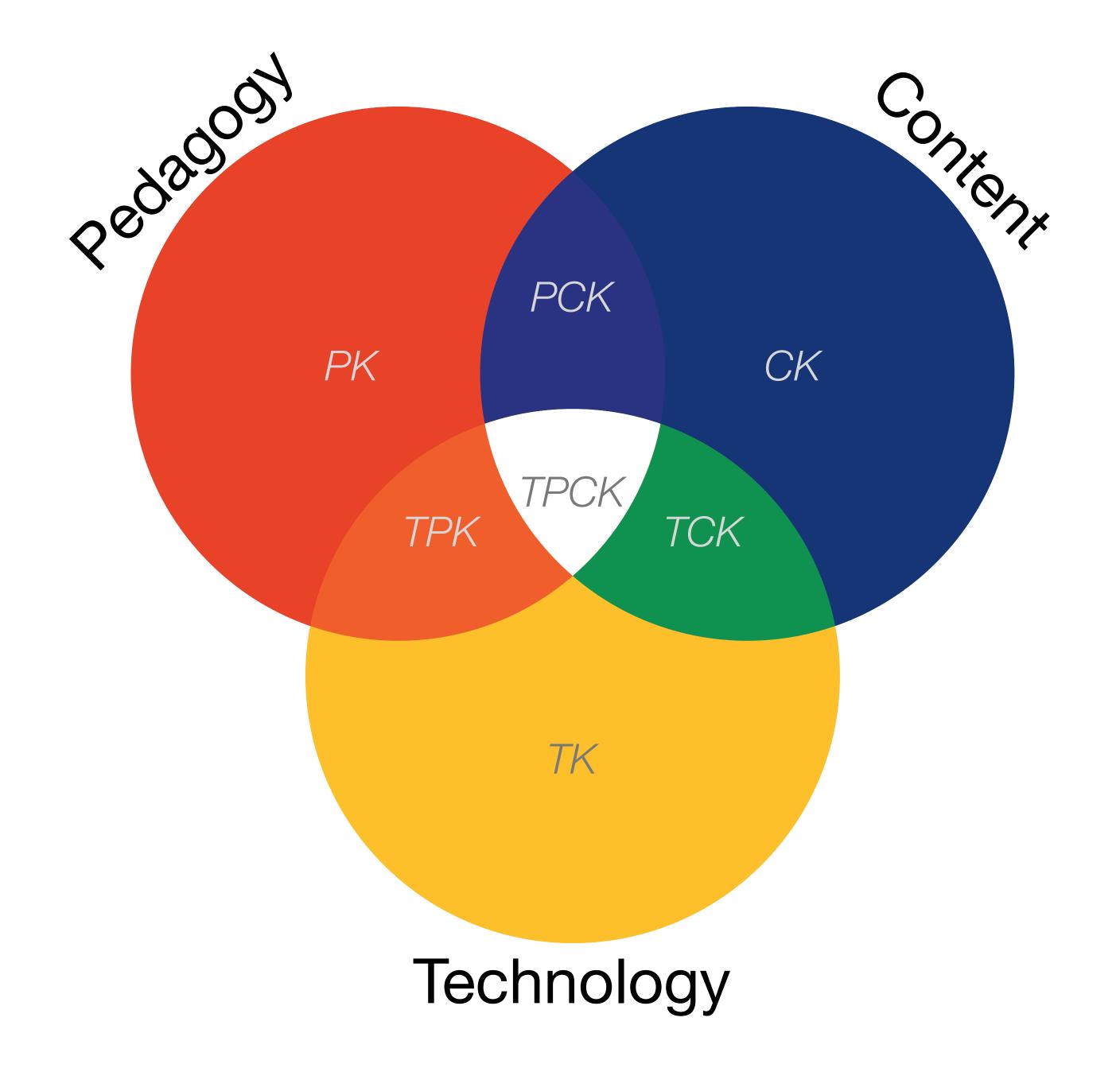
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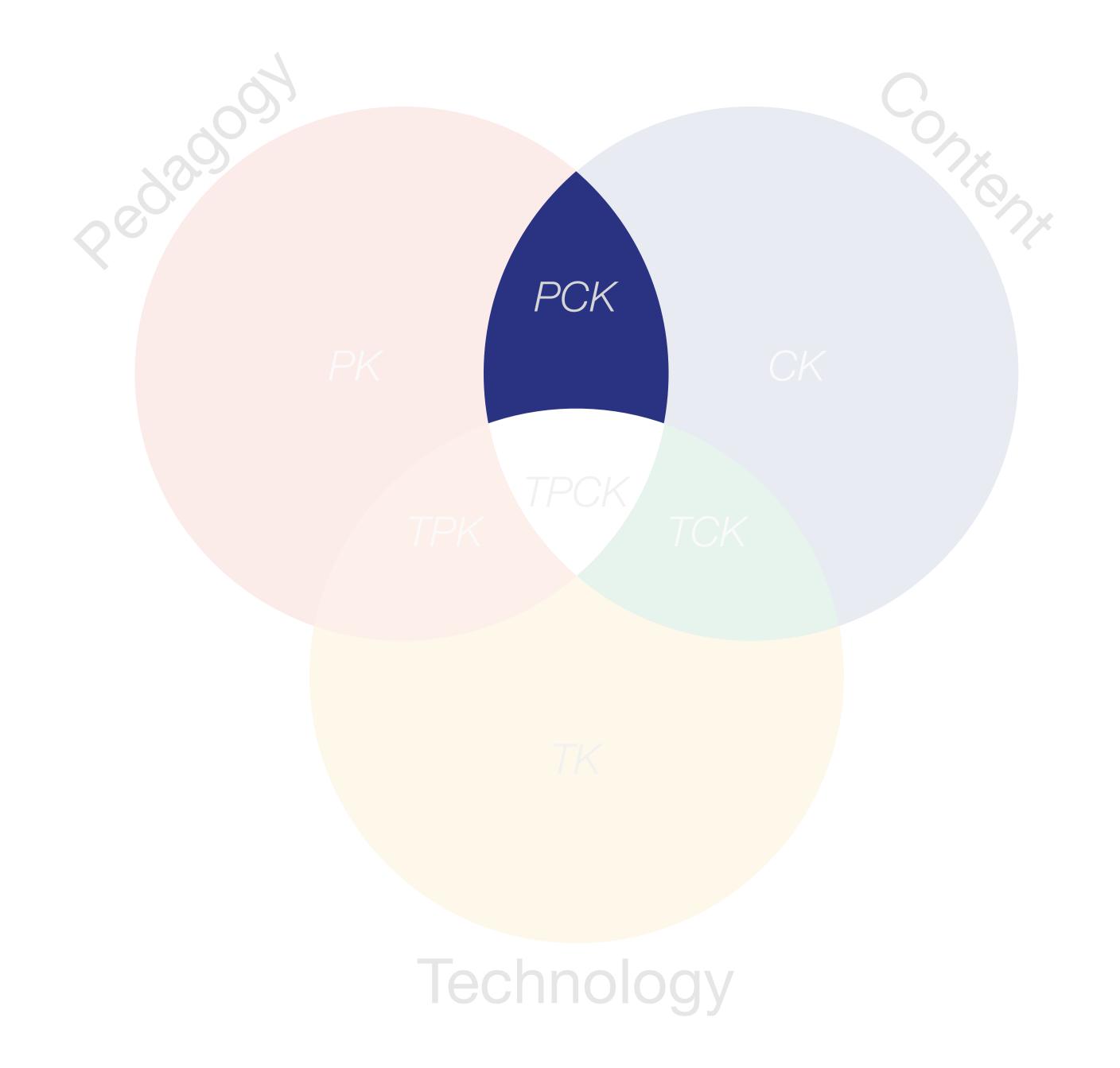
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Gersmehl:

Teaching Geography – Four Cornerstones

- Location
 - Position in space
- Condition
 - Mix of natural & artificial features that give meaning to a location
- Links
 - Connections between places
- Region
 - Formal region: group of places with similar conditions
 - Functional region: group of places linked together by a flow

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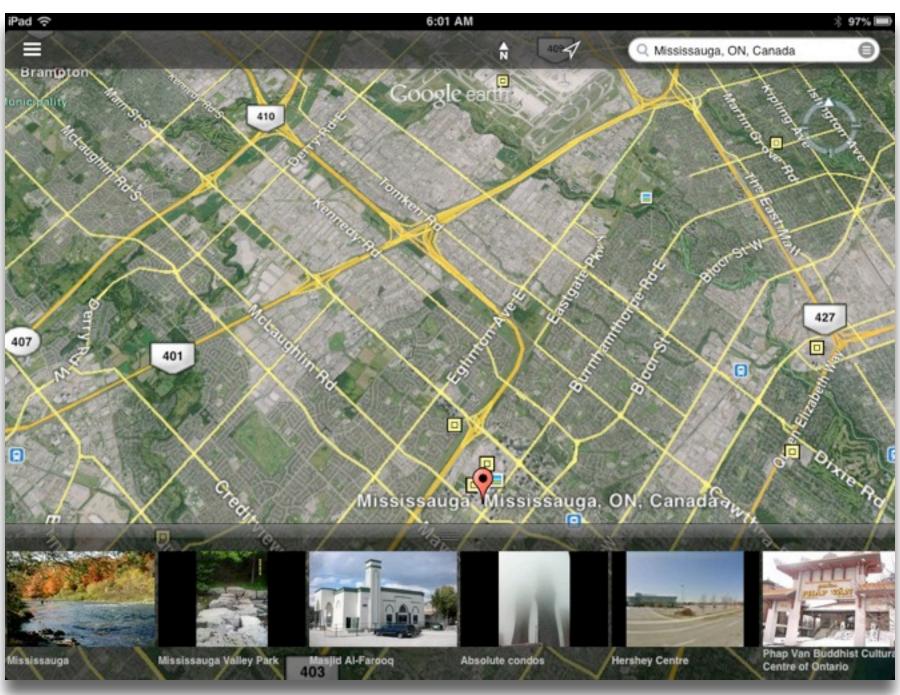
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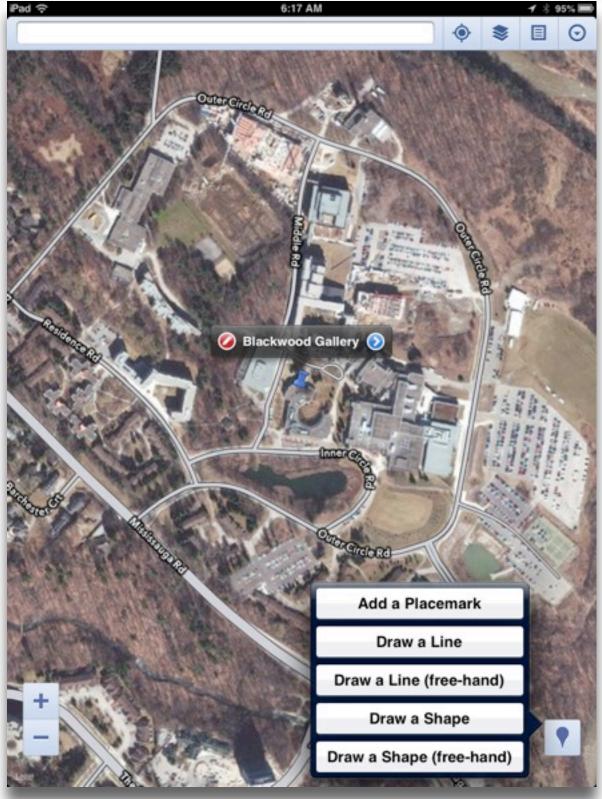
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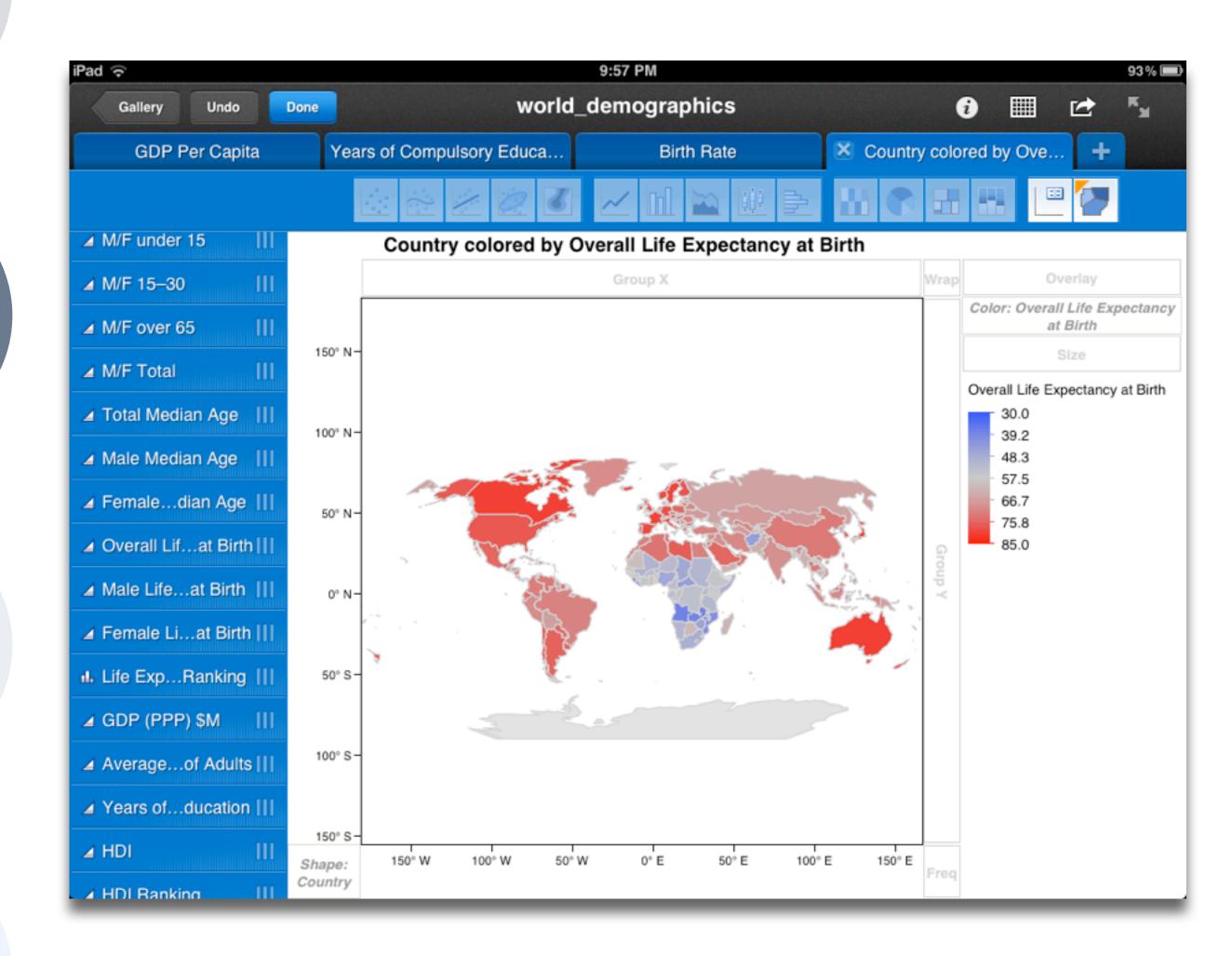
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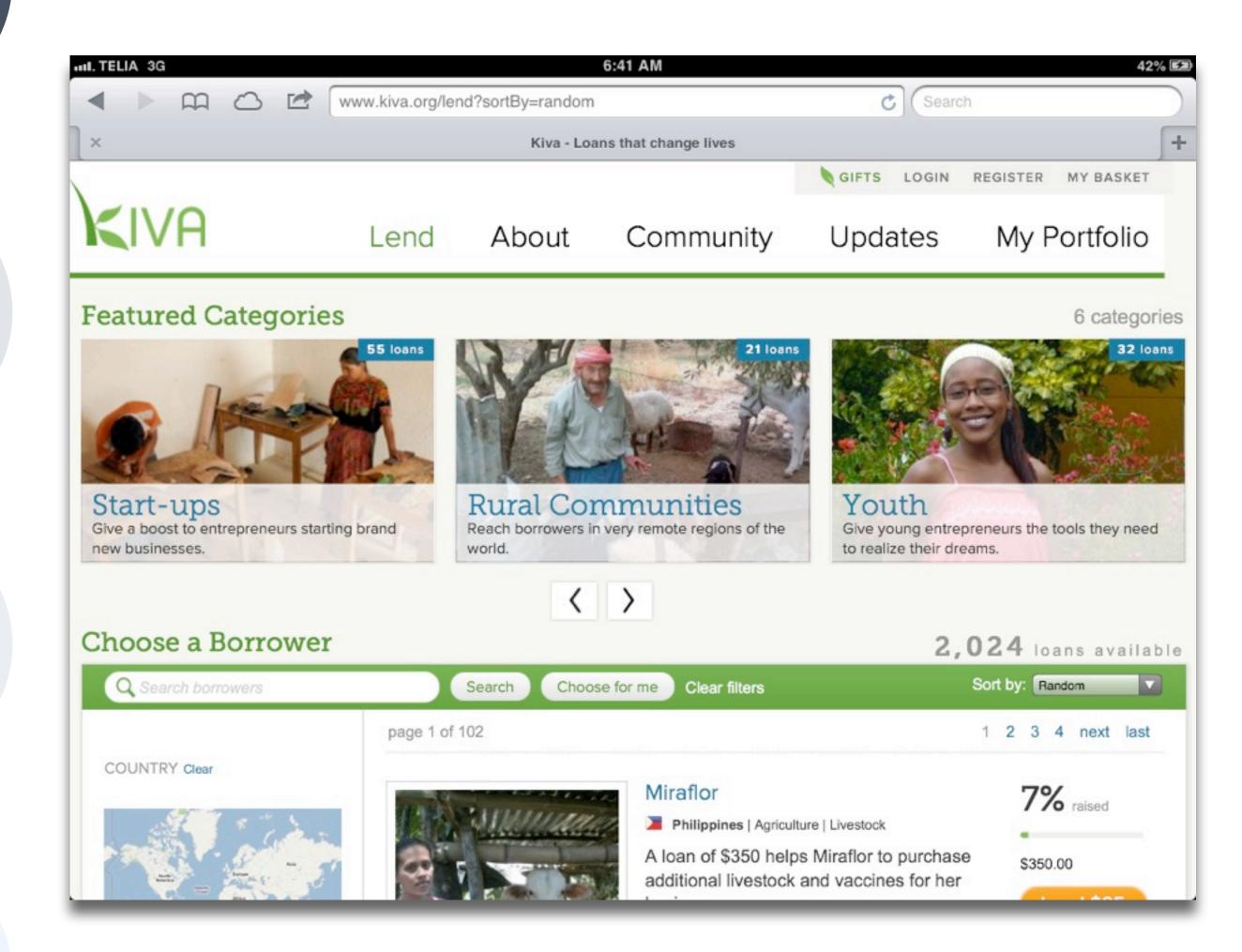
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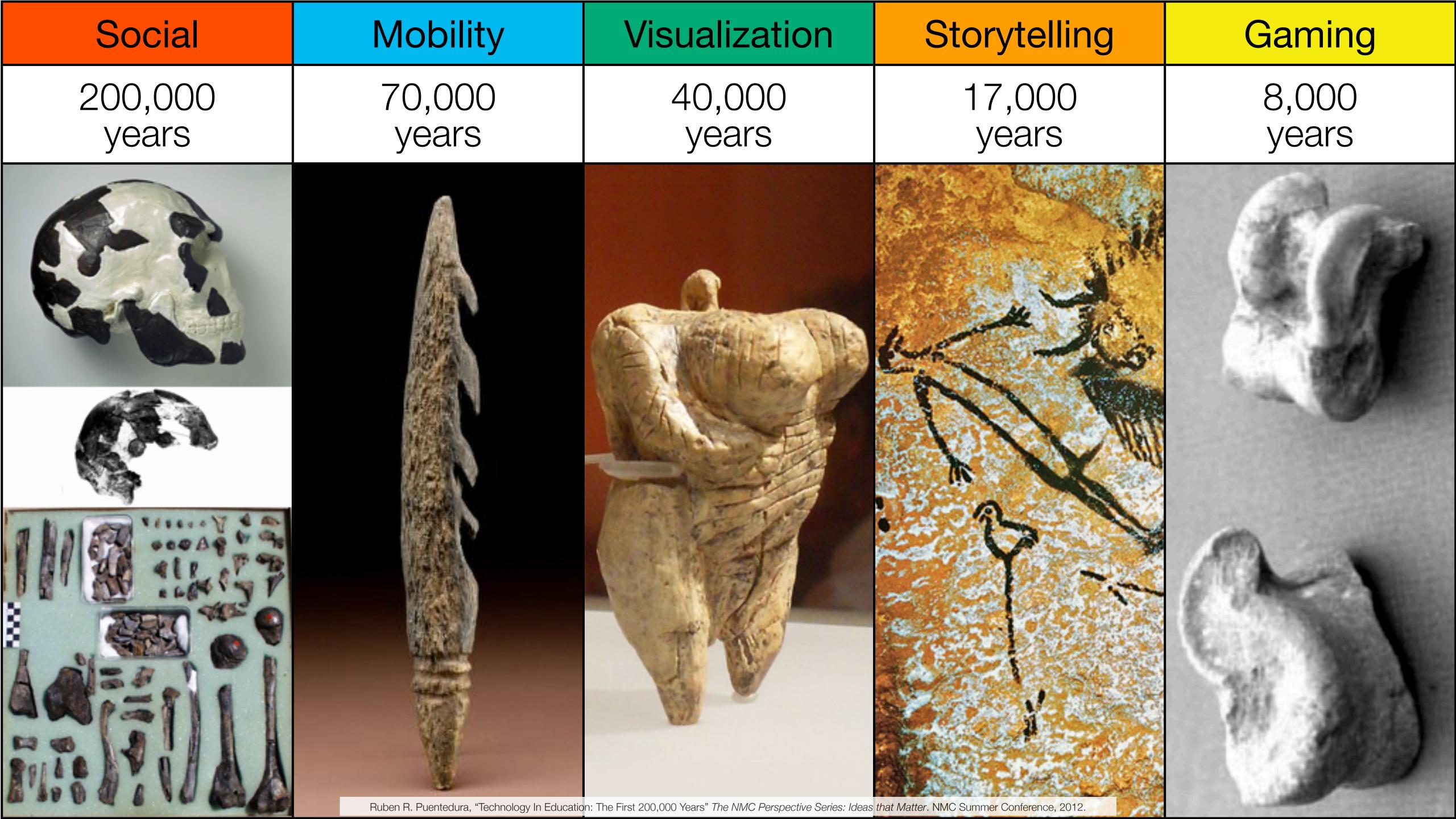
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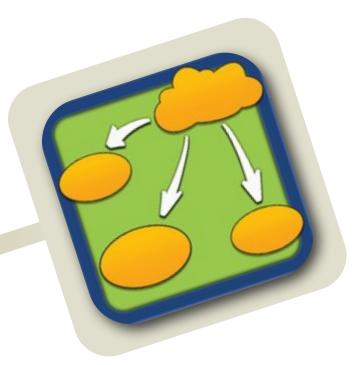


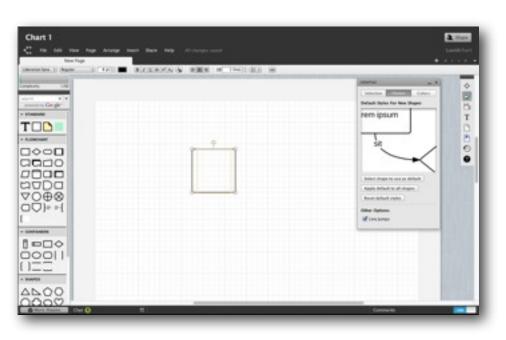








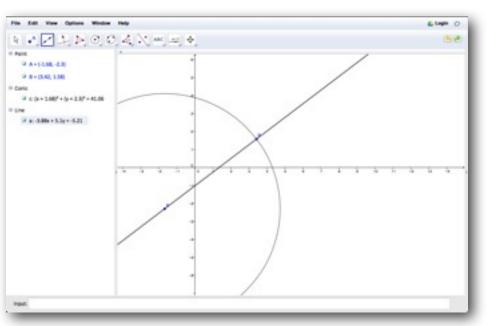












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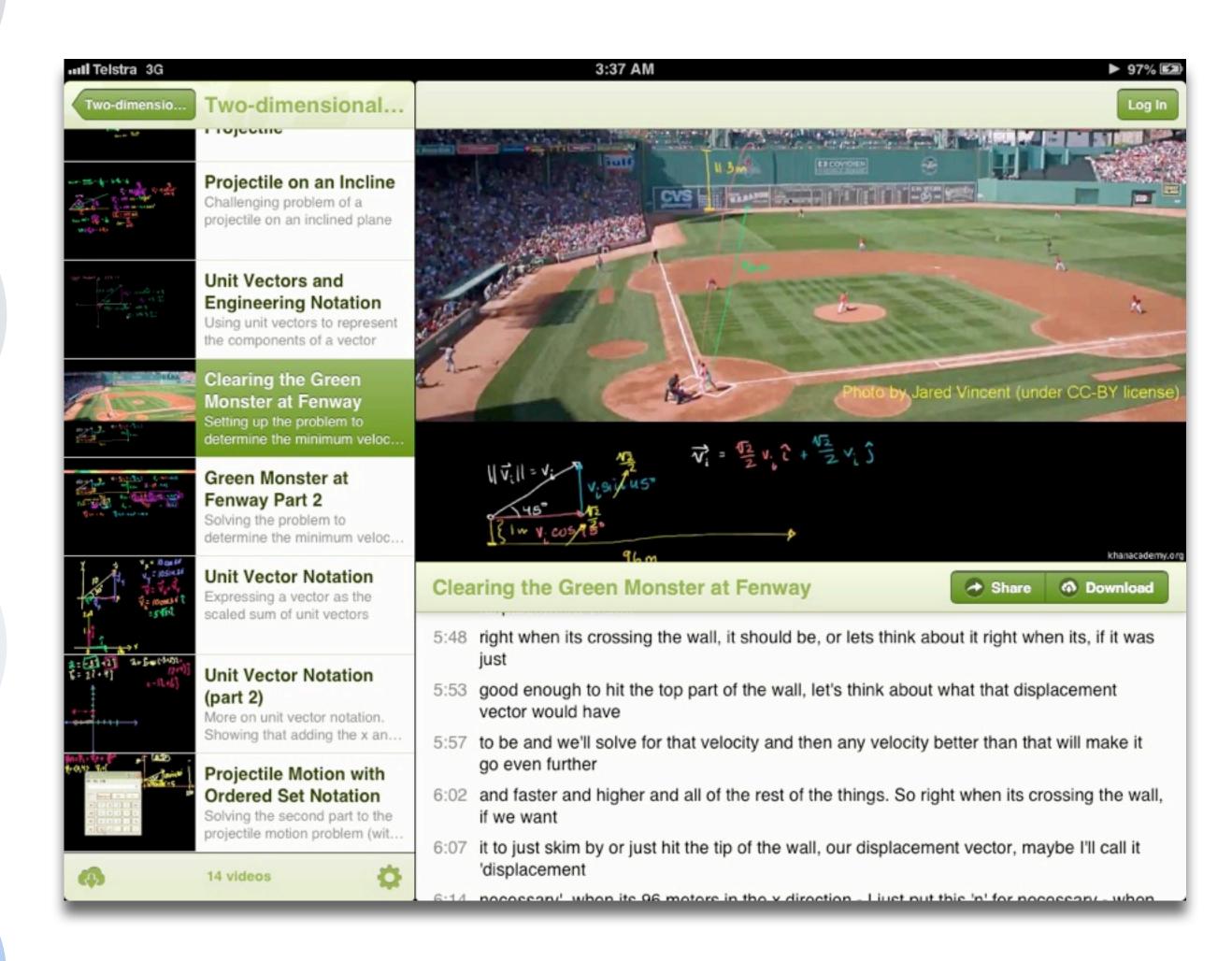
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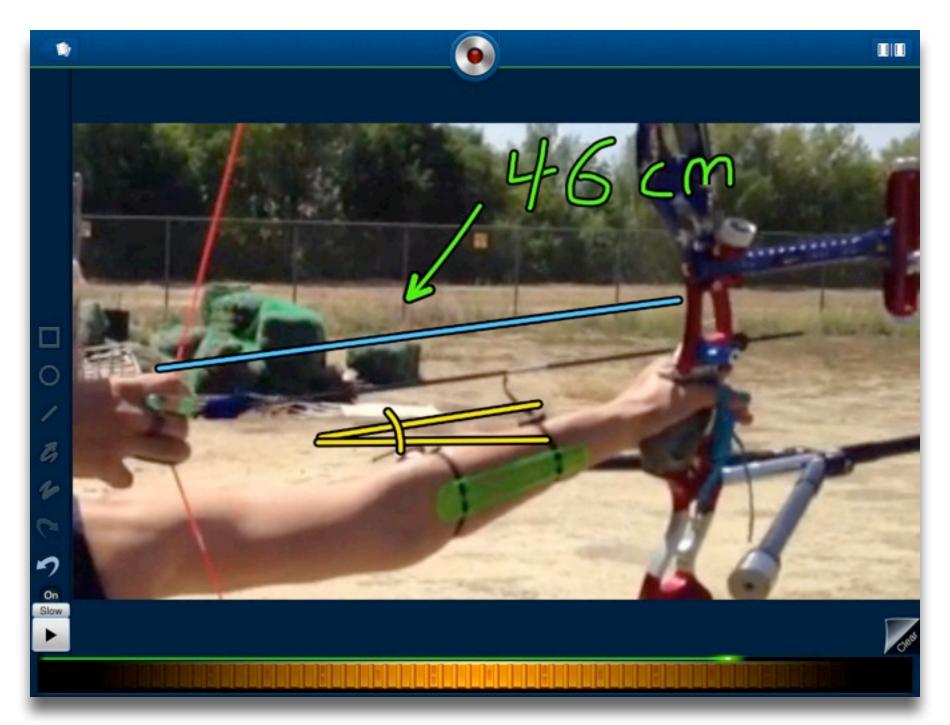
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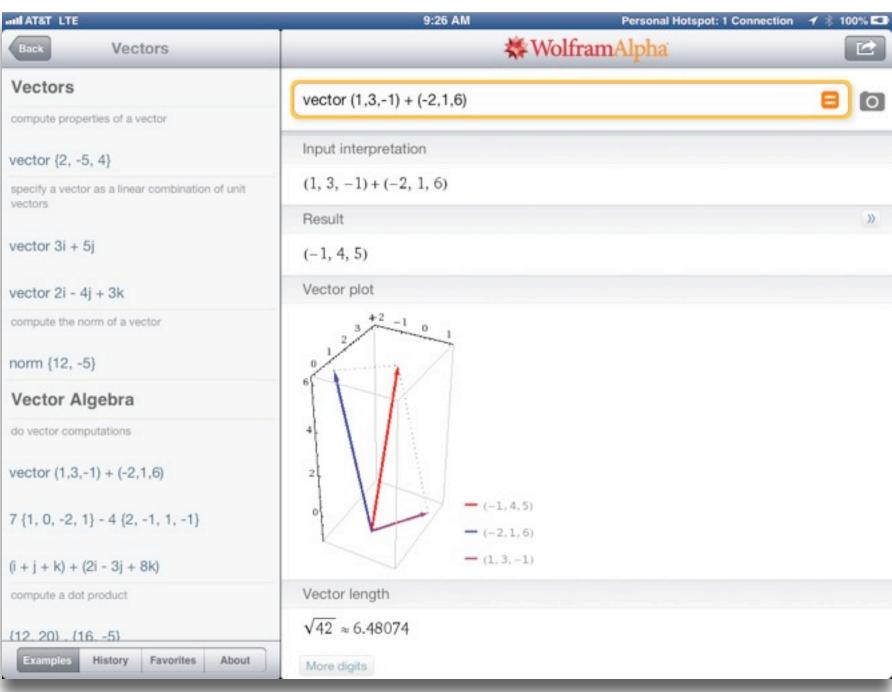
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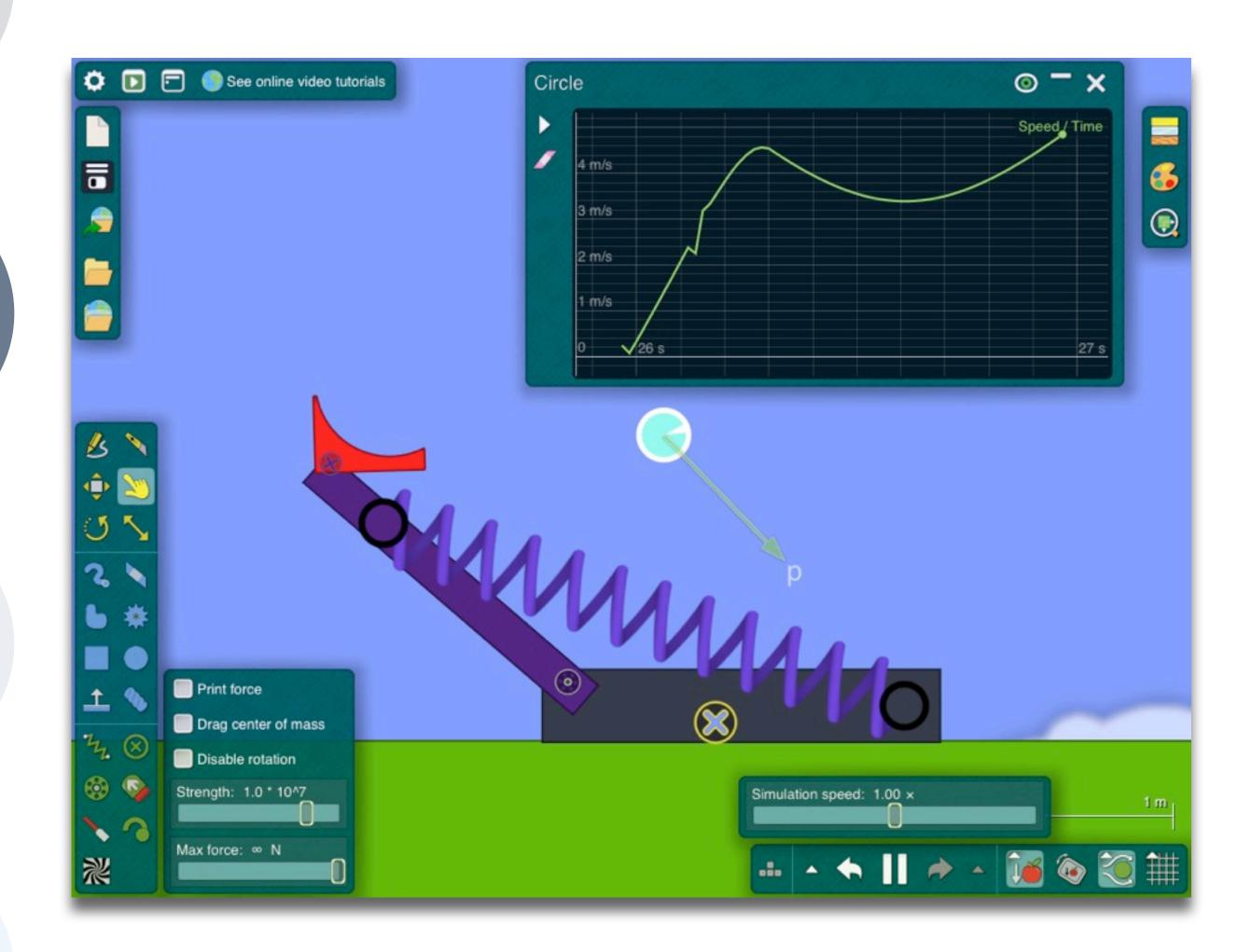
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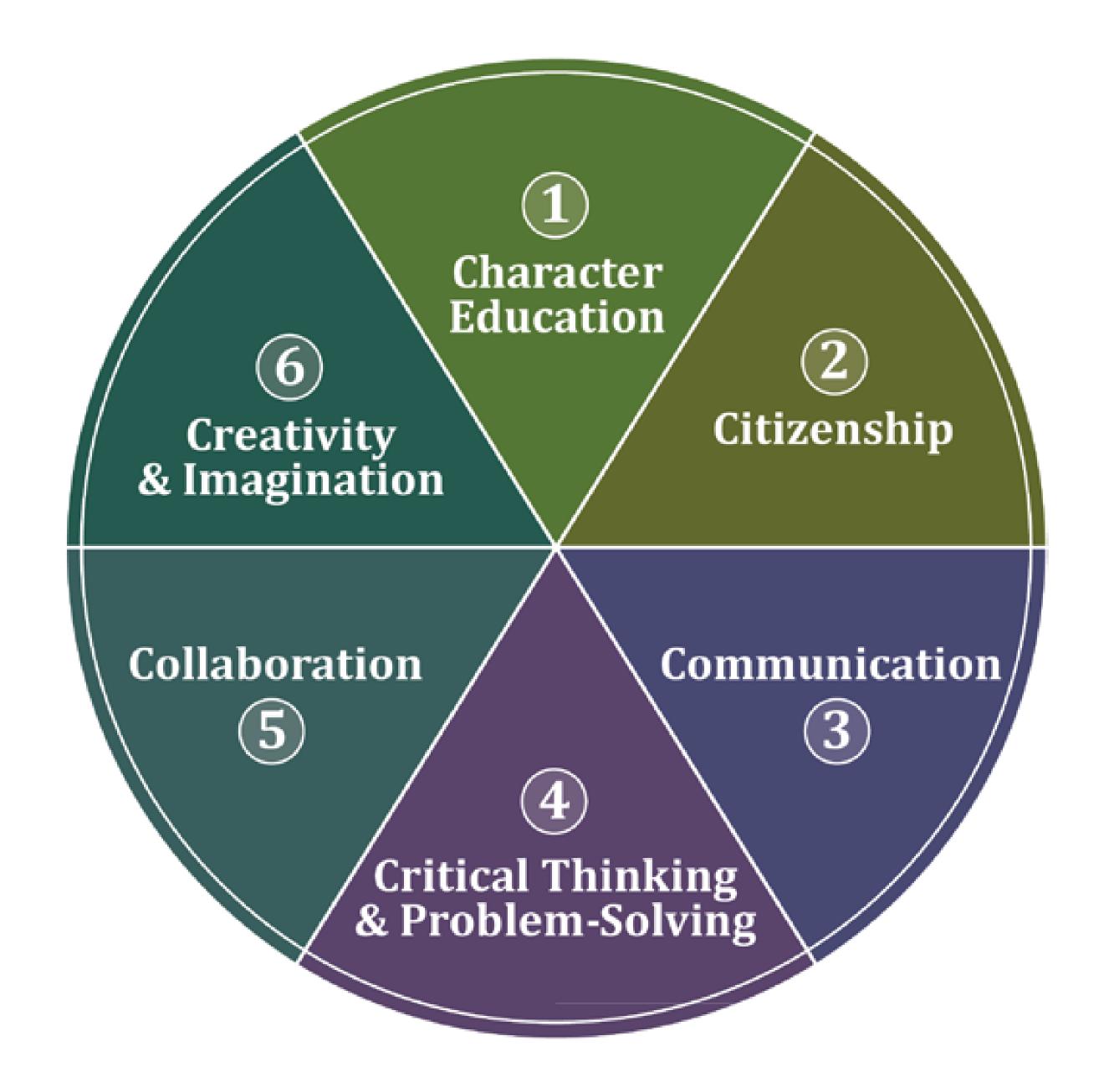
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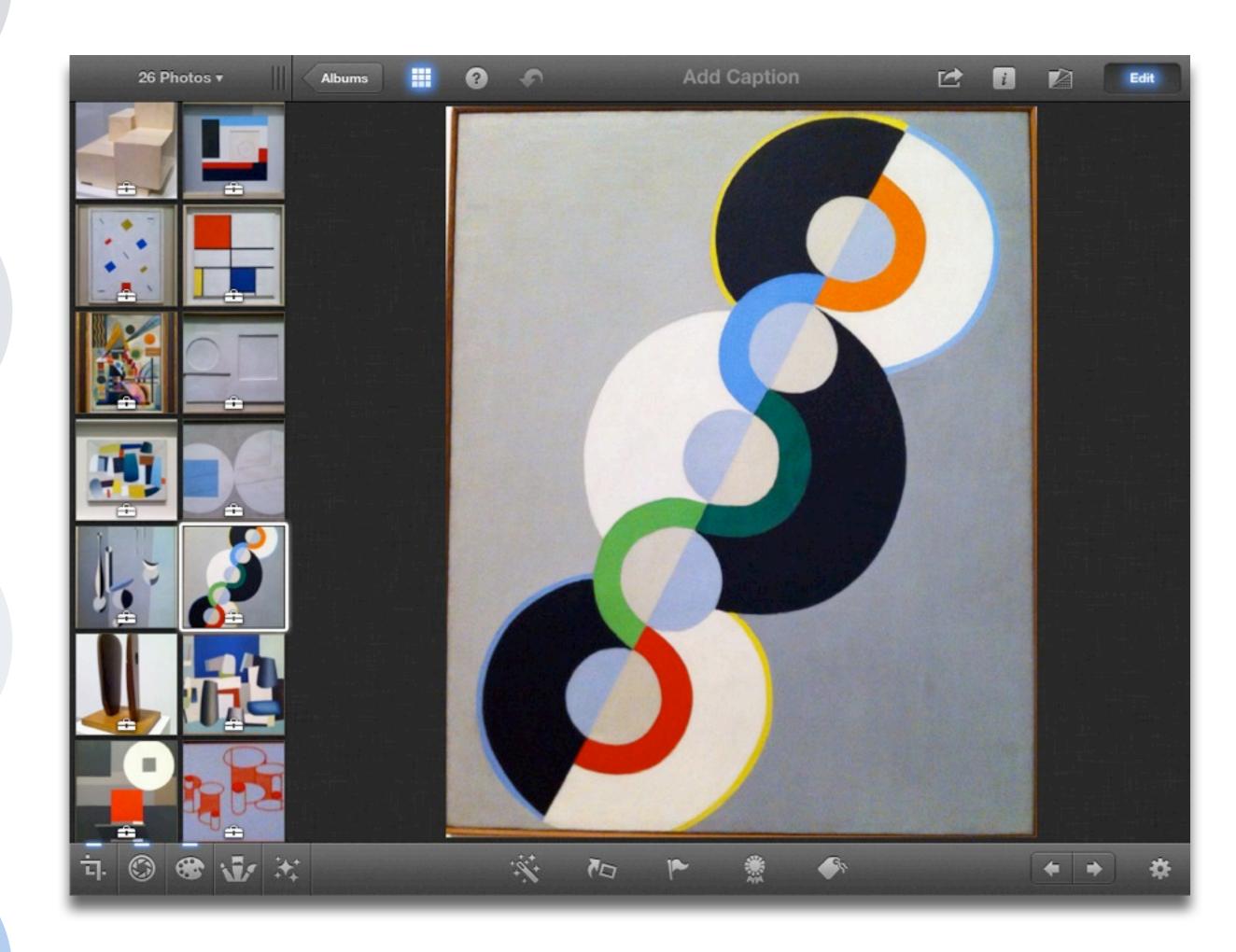
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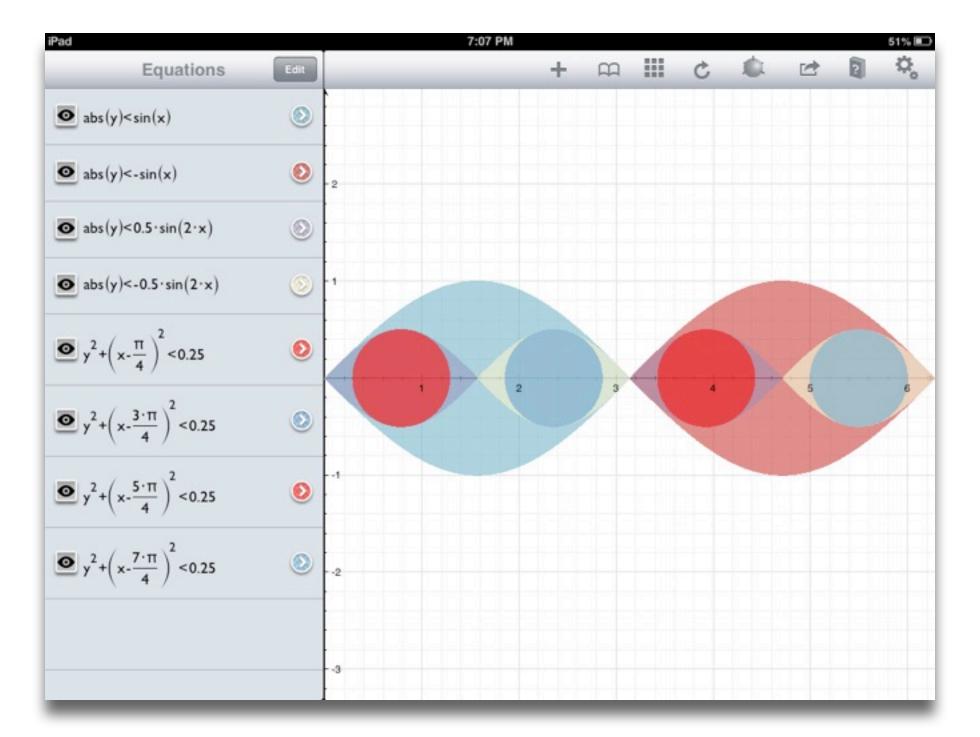
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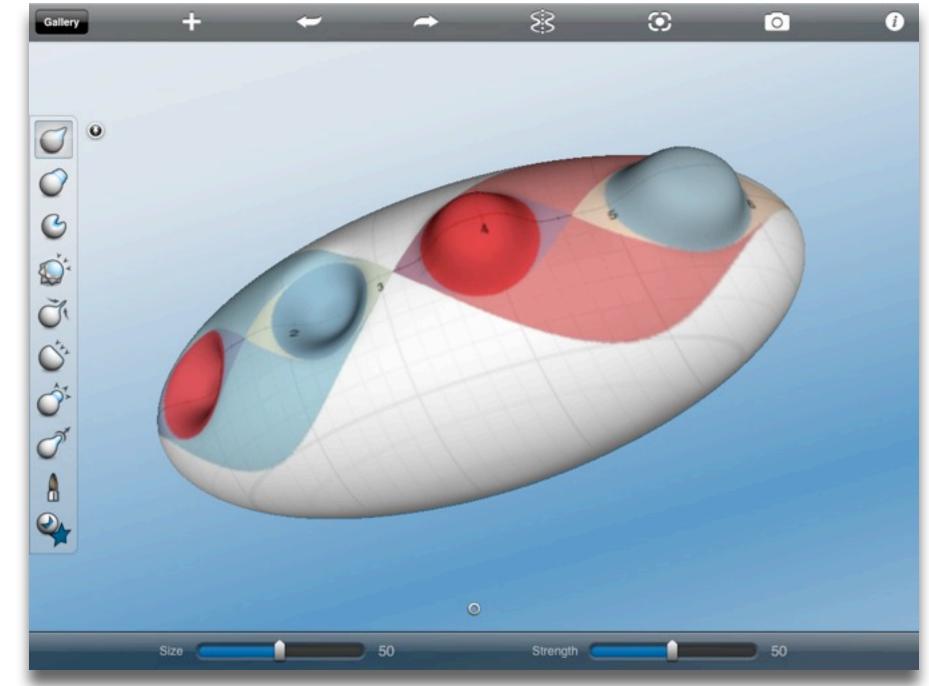
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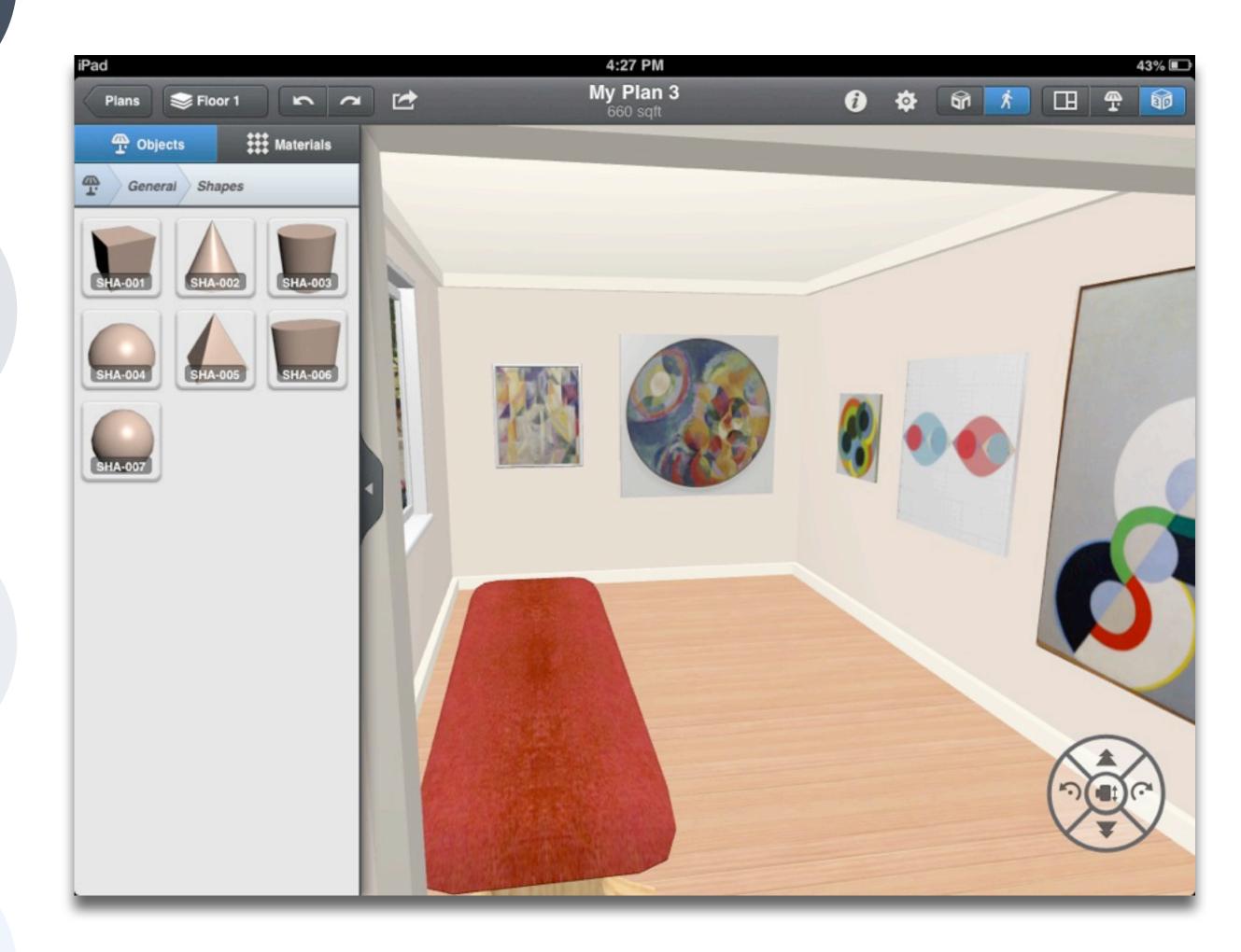
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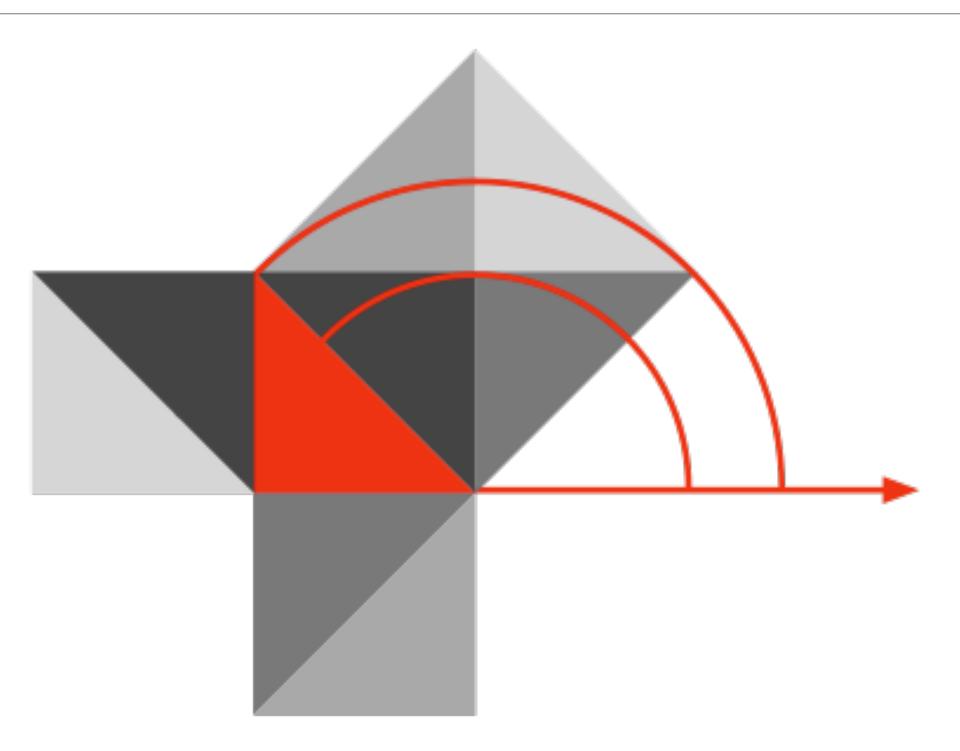
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Hippasus



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