

SAMR In The Upper Secondary School

Ruben R. Puentedura, Ph.D.

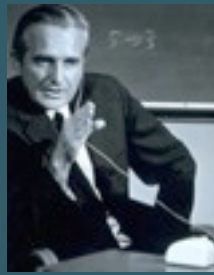


Goals

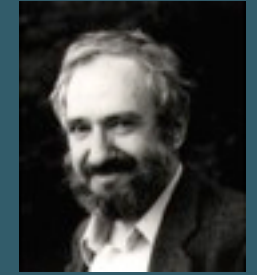
Focus

Models

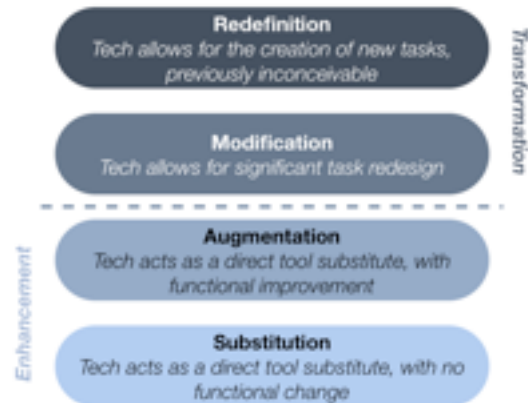
Technology



Augmenting Human Intellect & Learning Capacity



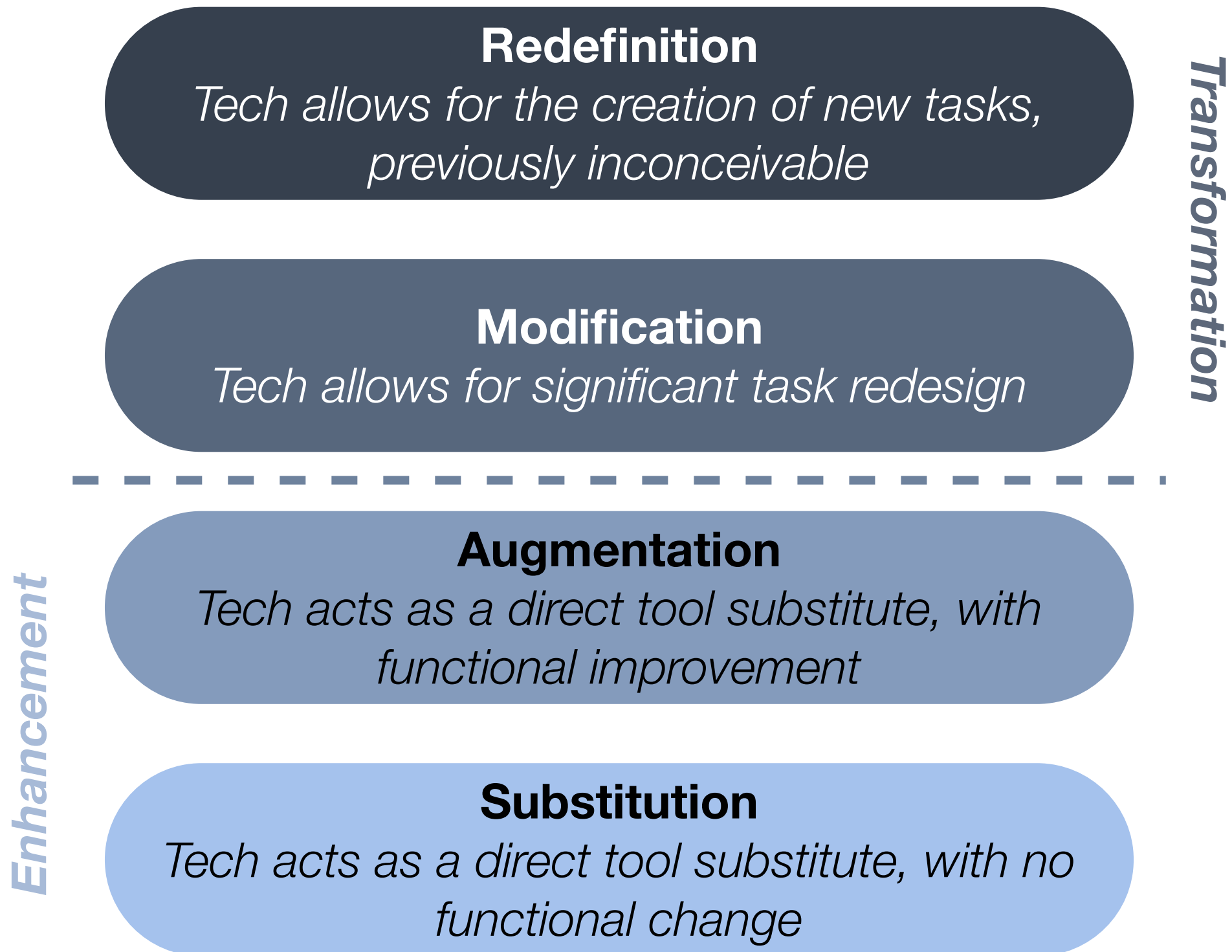
21st Century Learning



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



One-to-One Technologies



Redefinition

Tech allows for the creation of new tasks, previously inconceivable

Modification

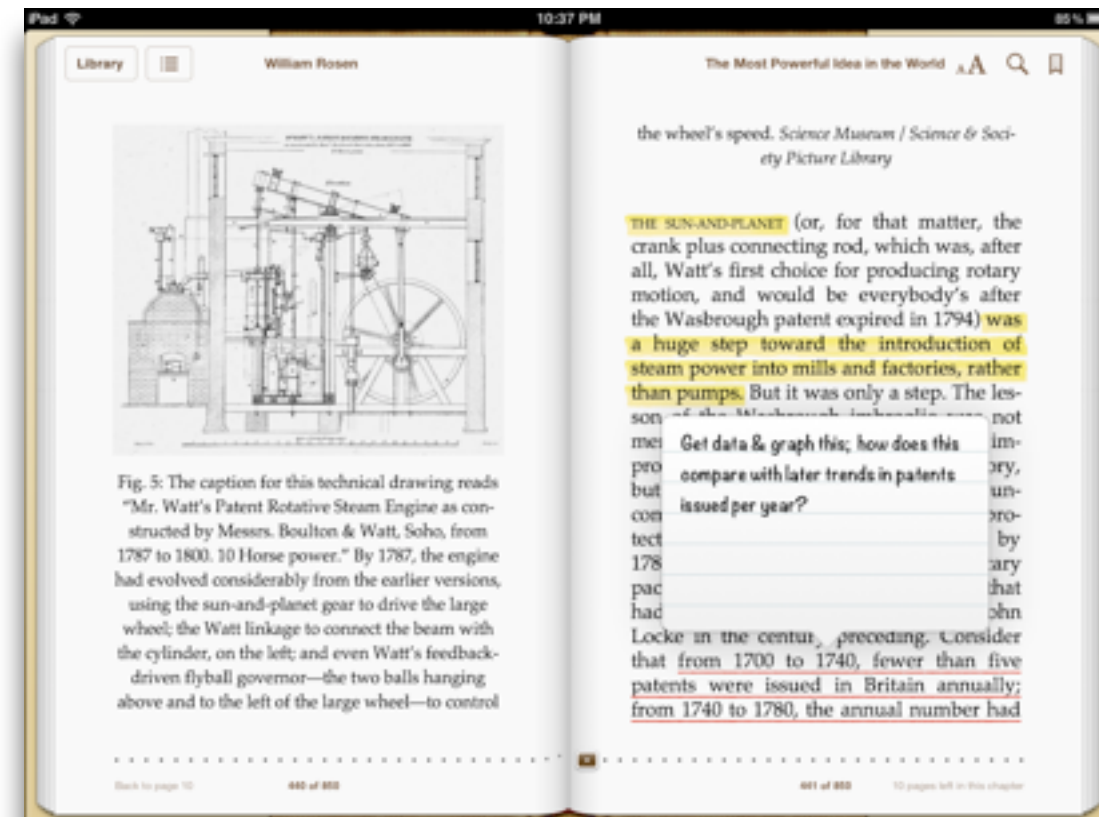
Tech allows for significant task redesign

Augmentation

Tech acts as a direct tool substitute, with functional improvement

Substitution

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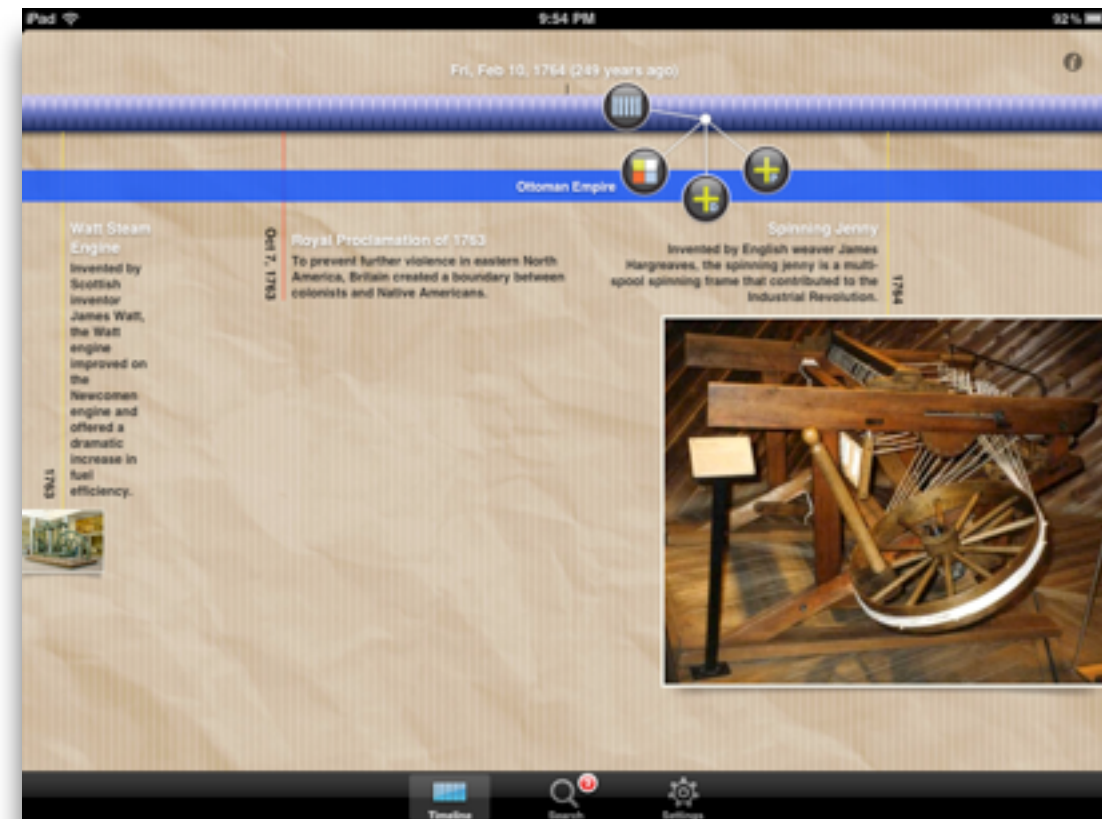
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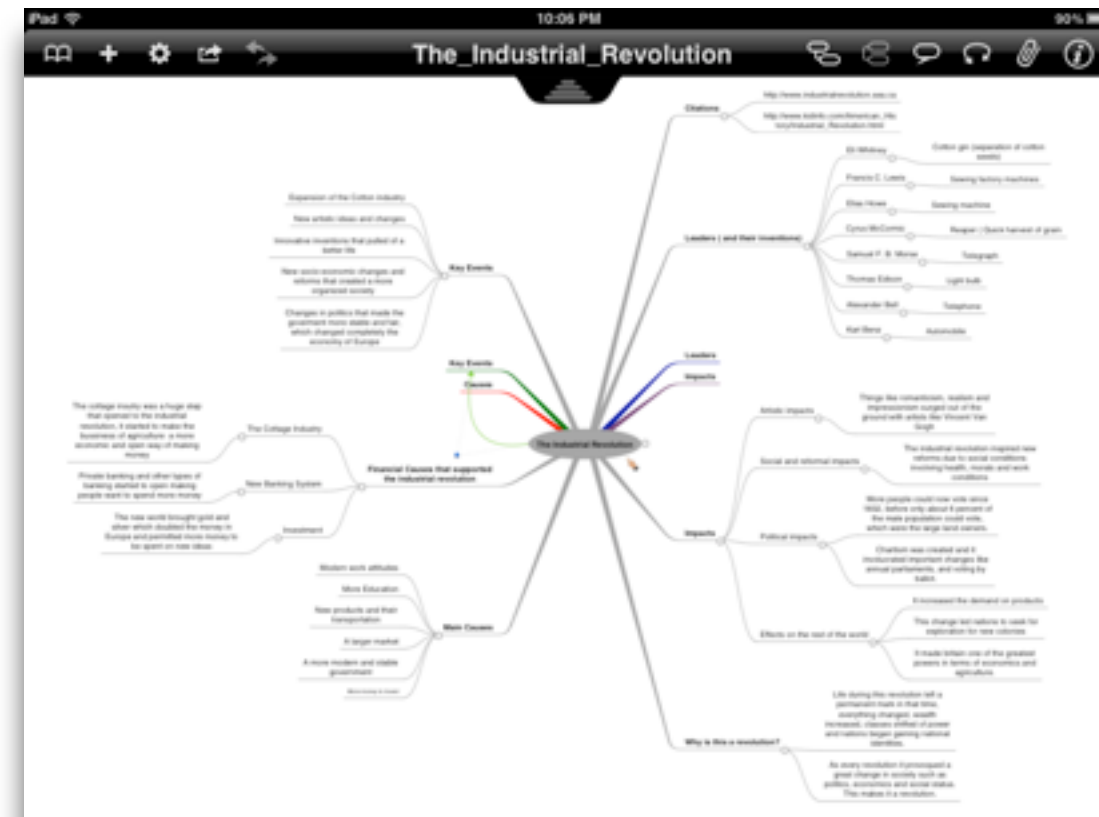
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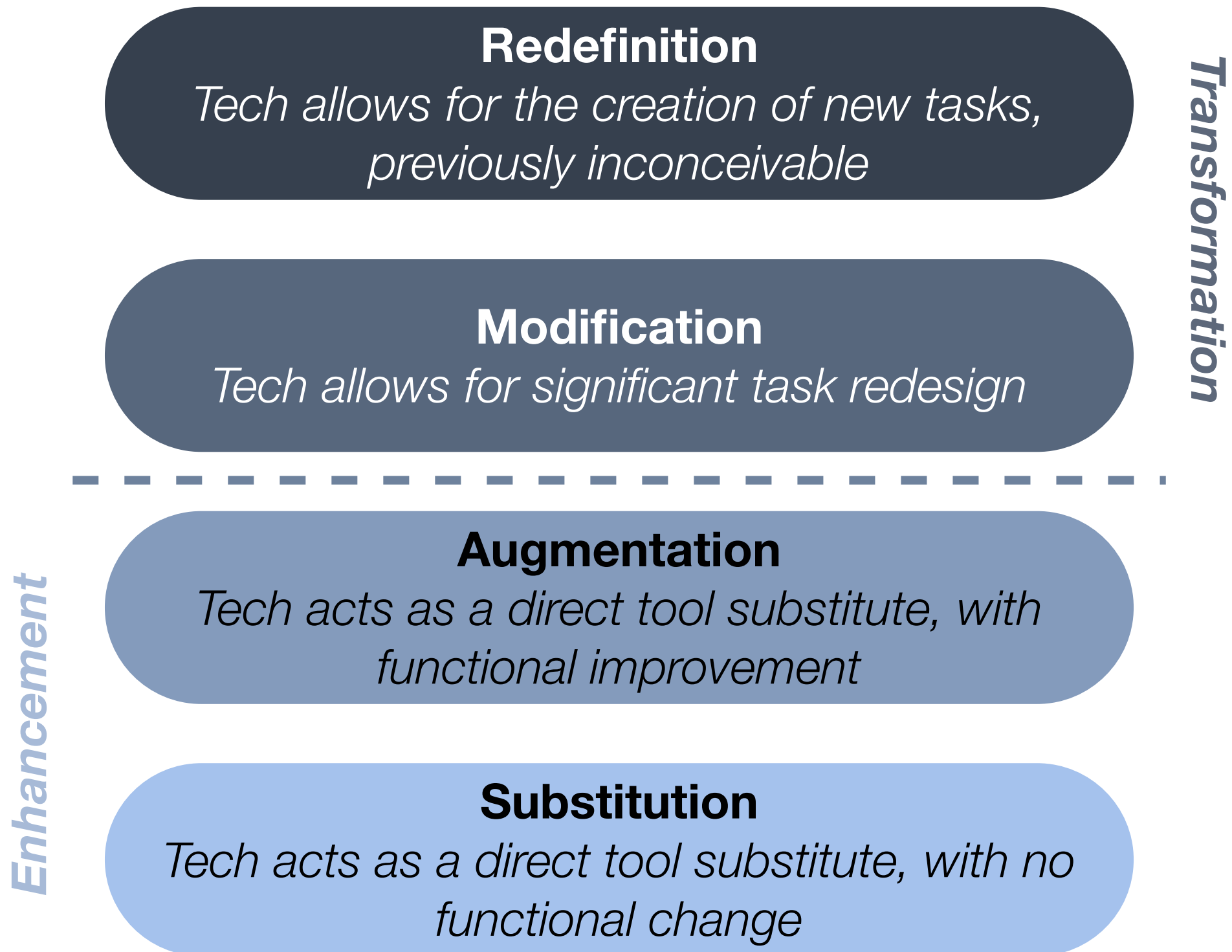
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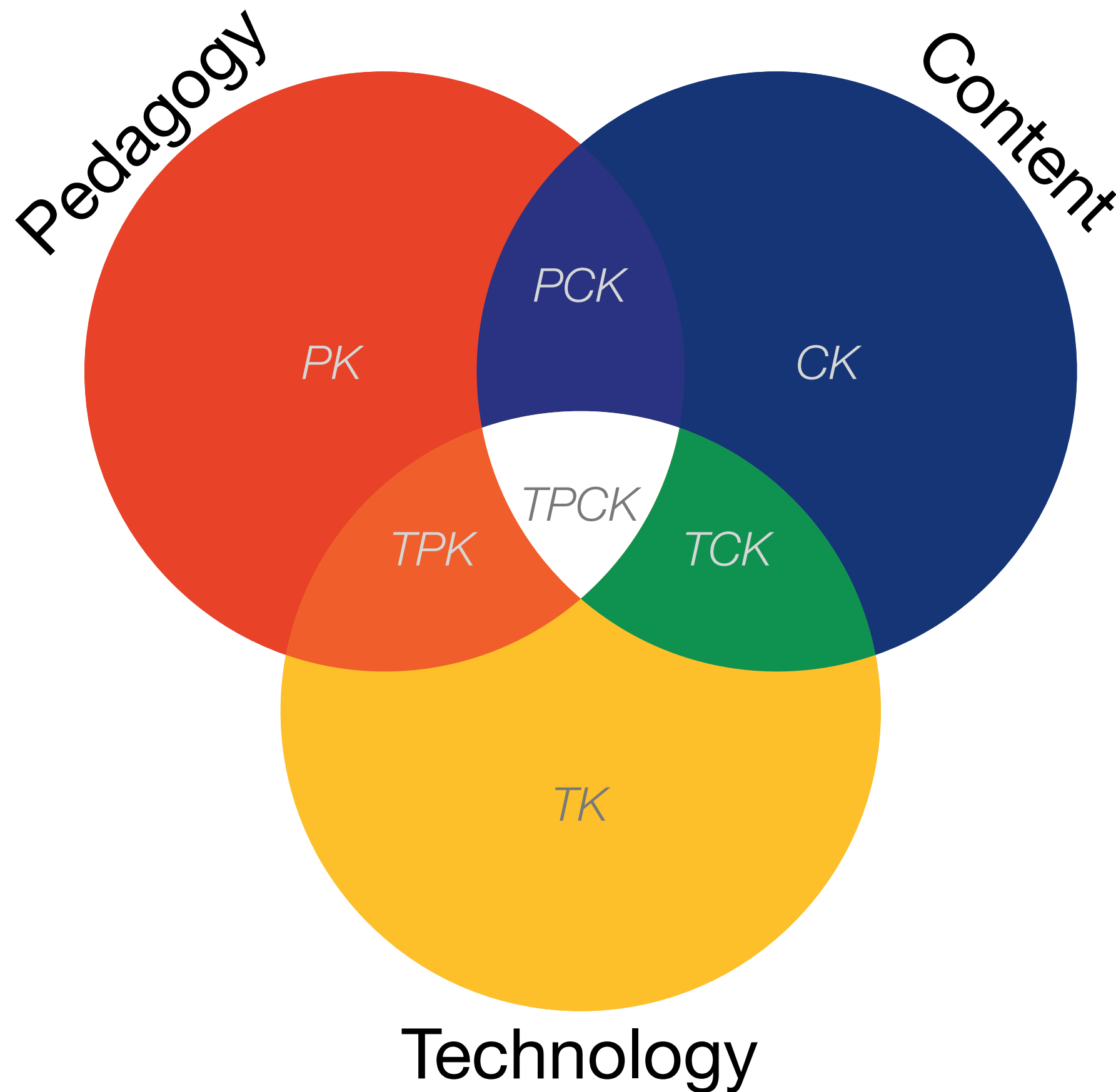
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Social

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Visualization

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Gaming

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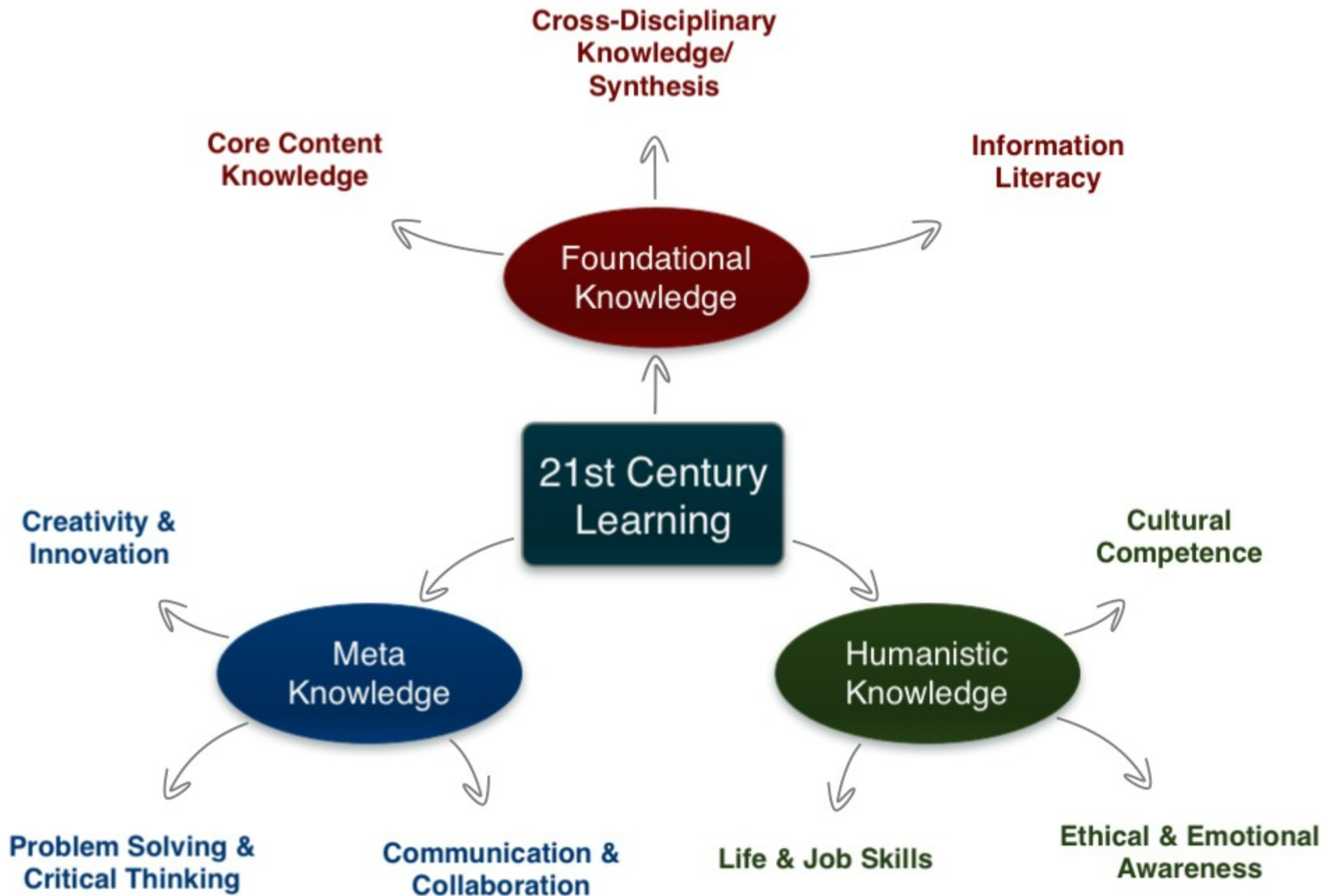
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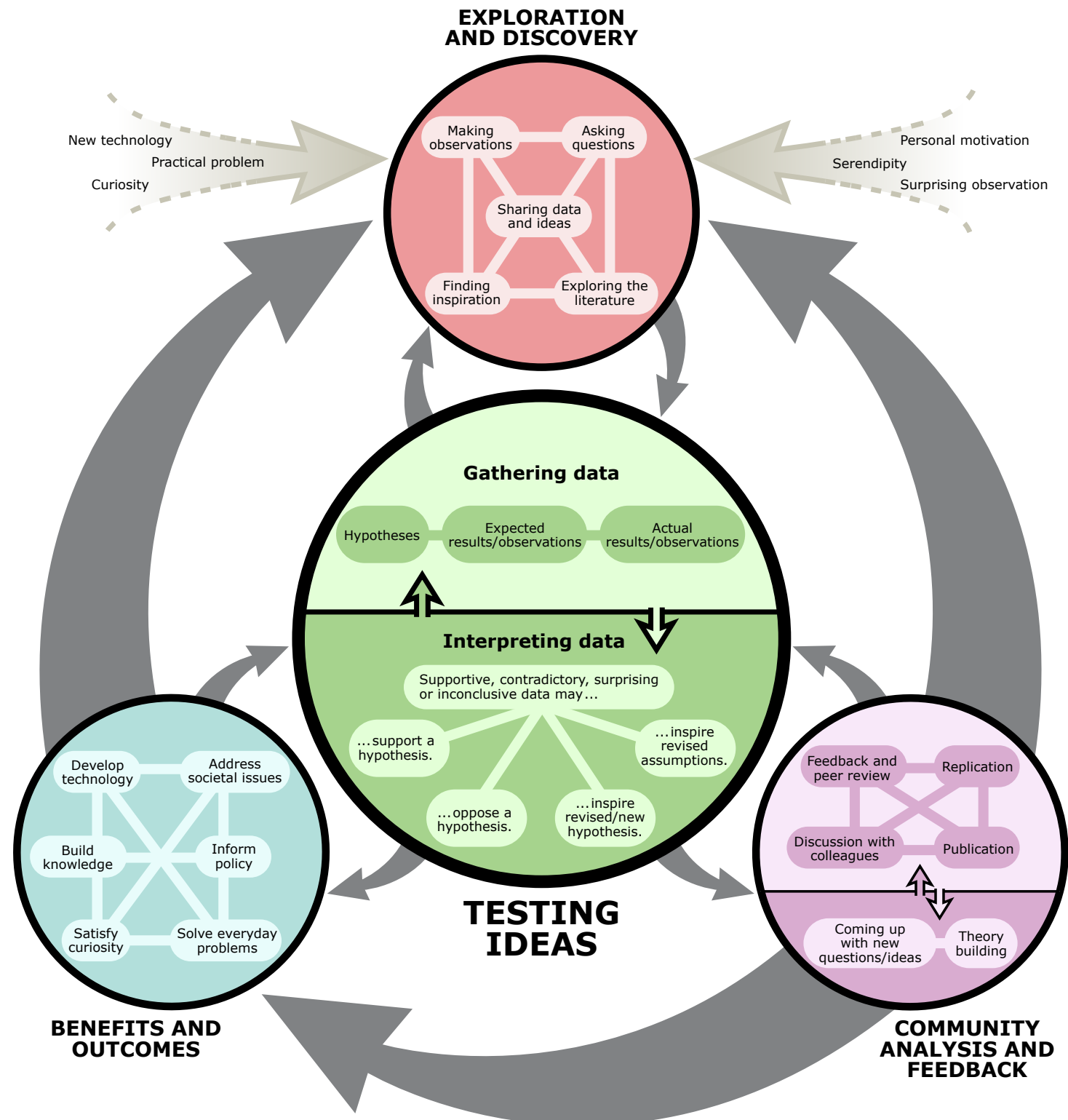


P. Mishra and K. Kereluik. "What is 21st Century Learning? A review and synthesis." Paper submitted to the SITE2011 Conference. (2011)

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SAMR In Practice I: Chemistry

Understanding Science: How Science Works



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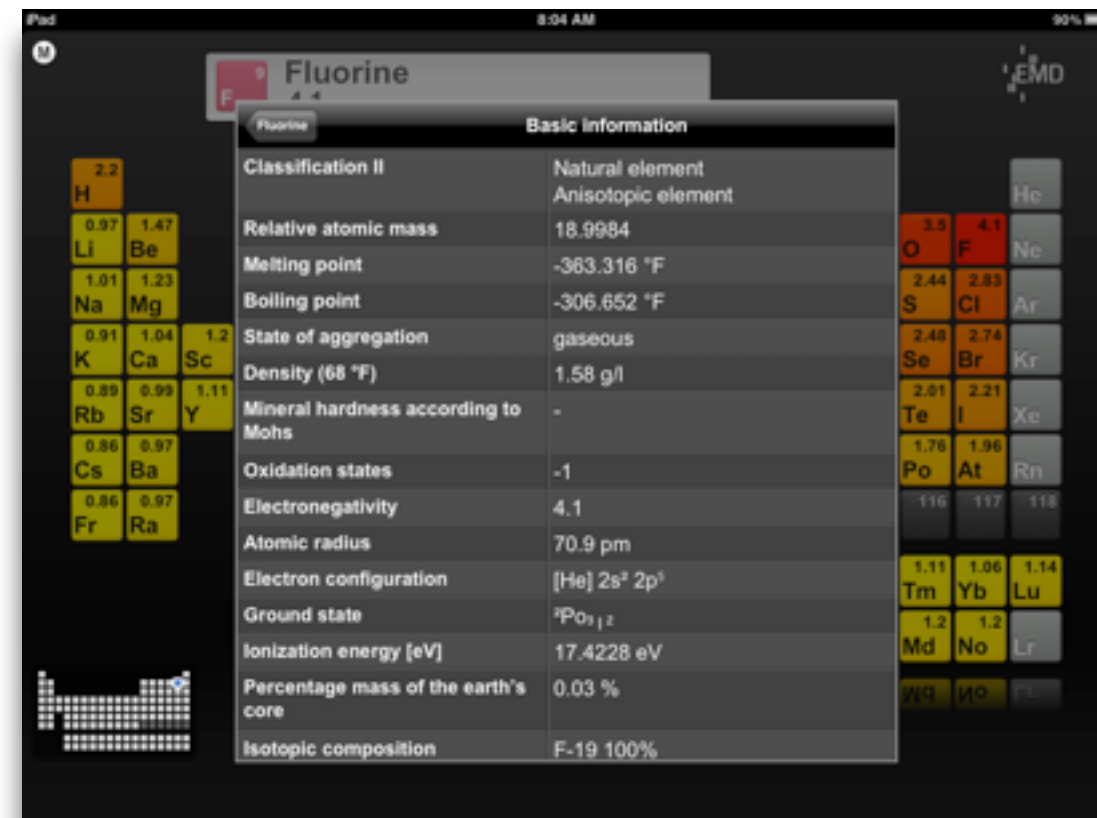
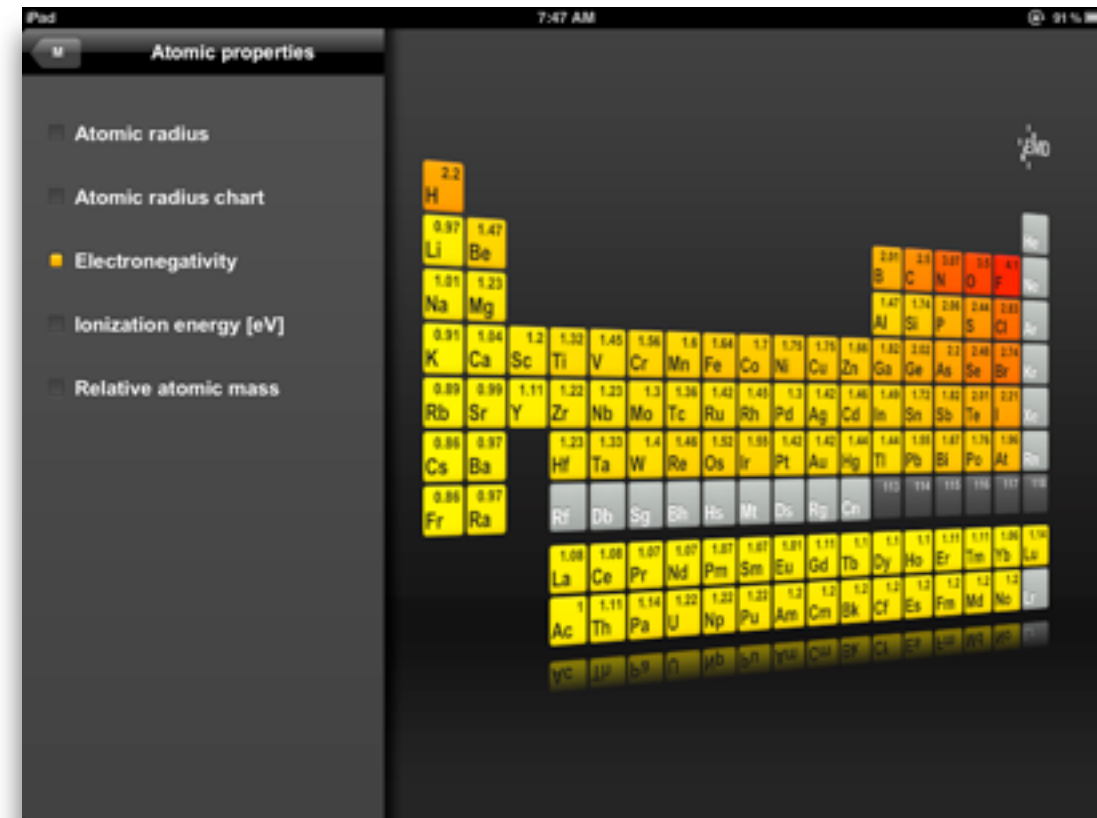
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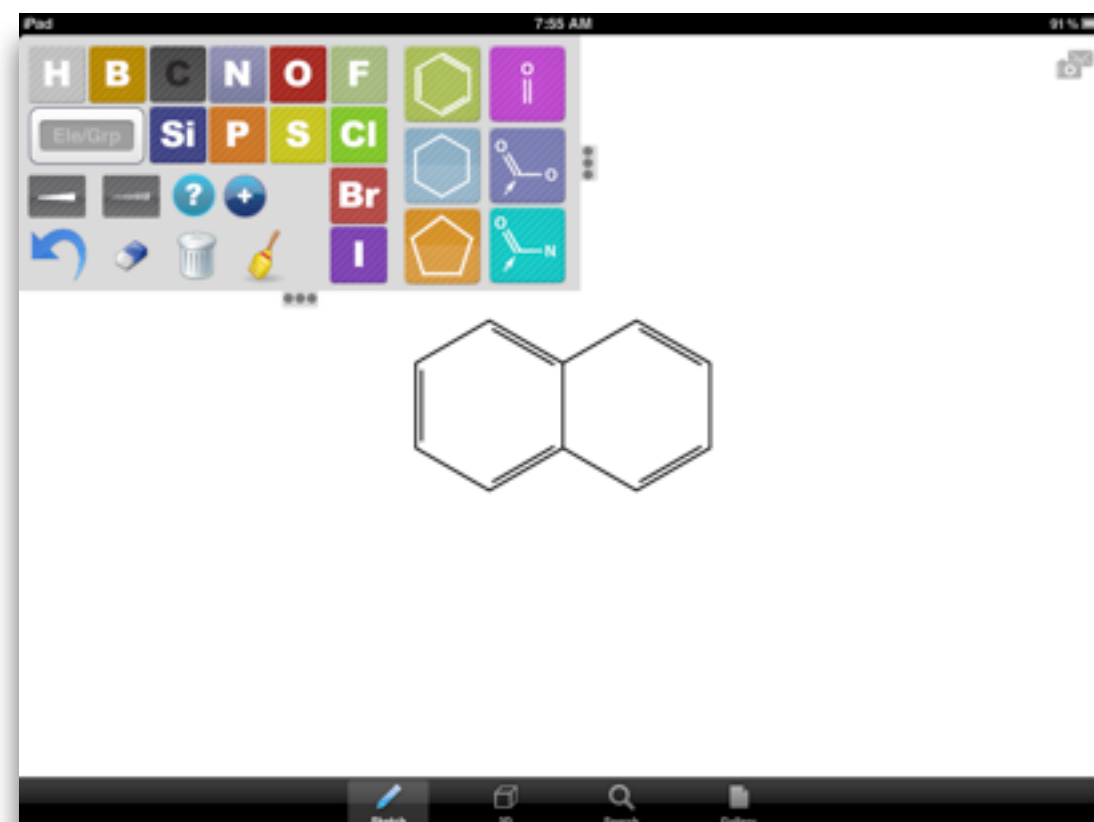
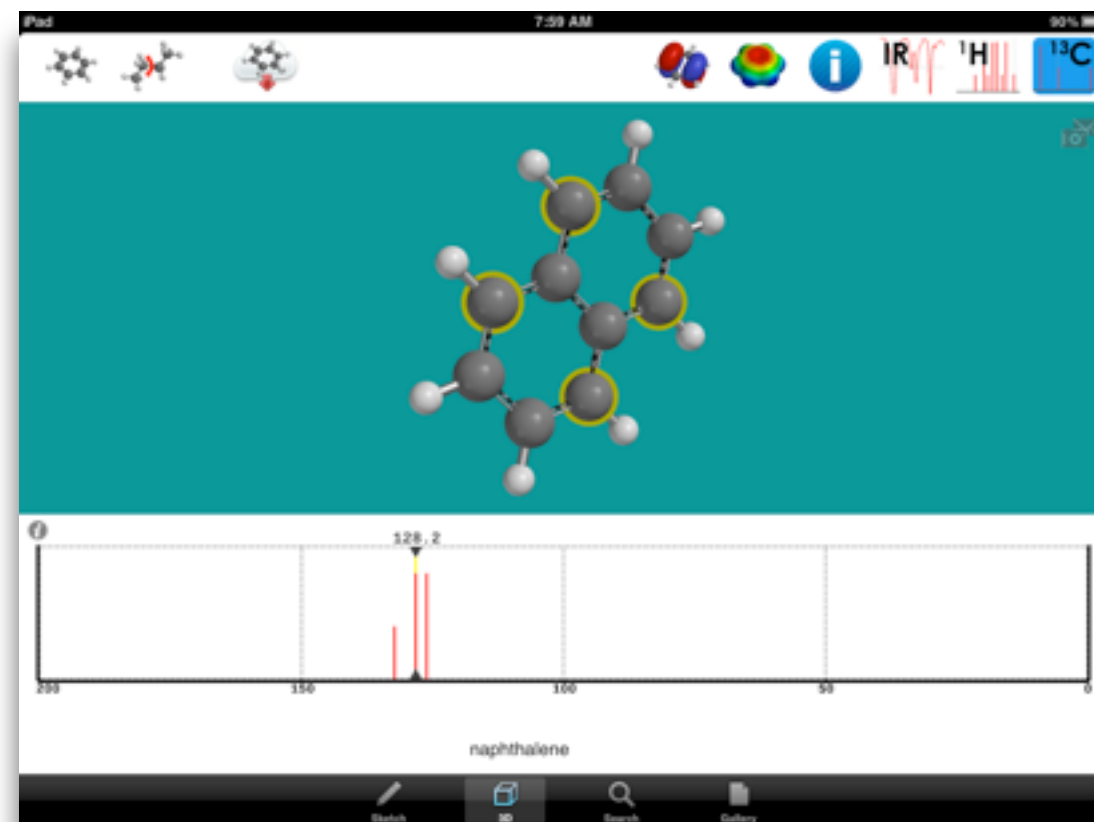
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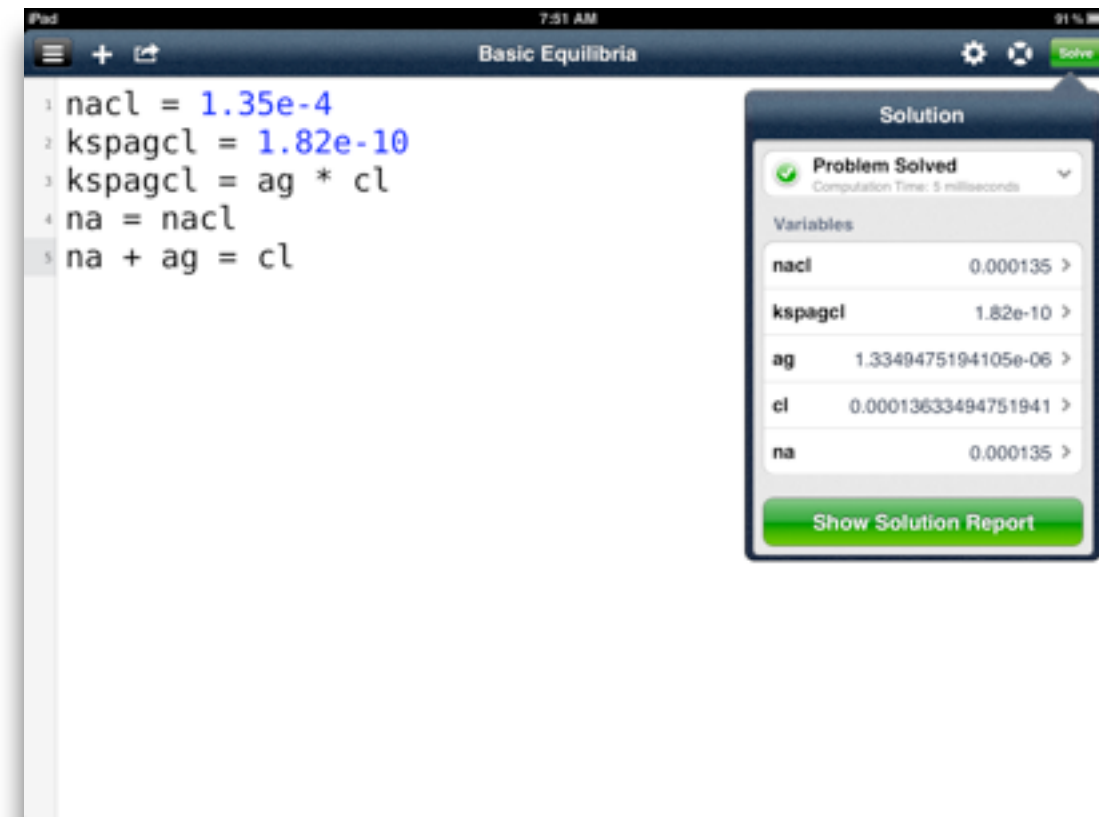
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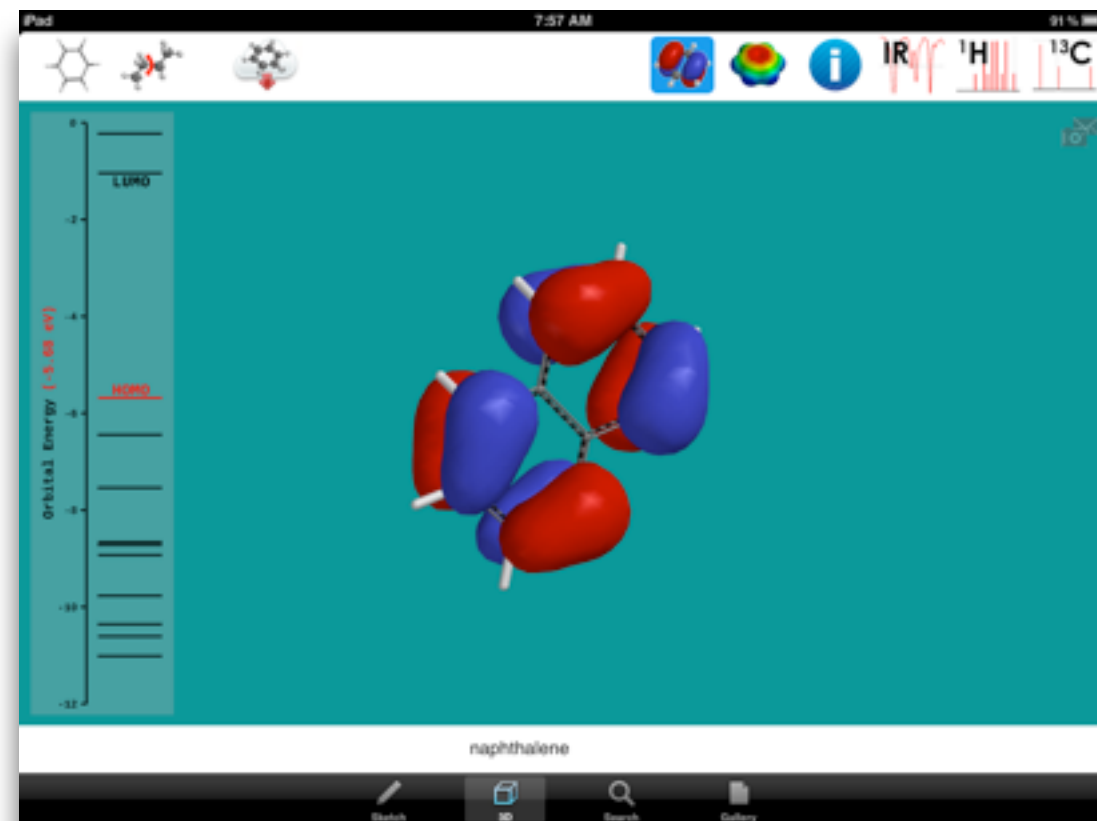
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SAMR In Practice II: Information Literacy and Cultural Tourism

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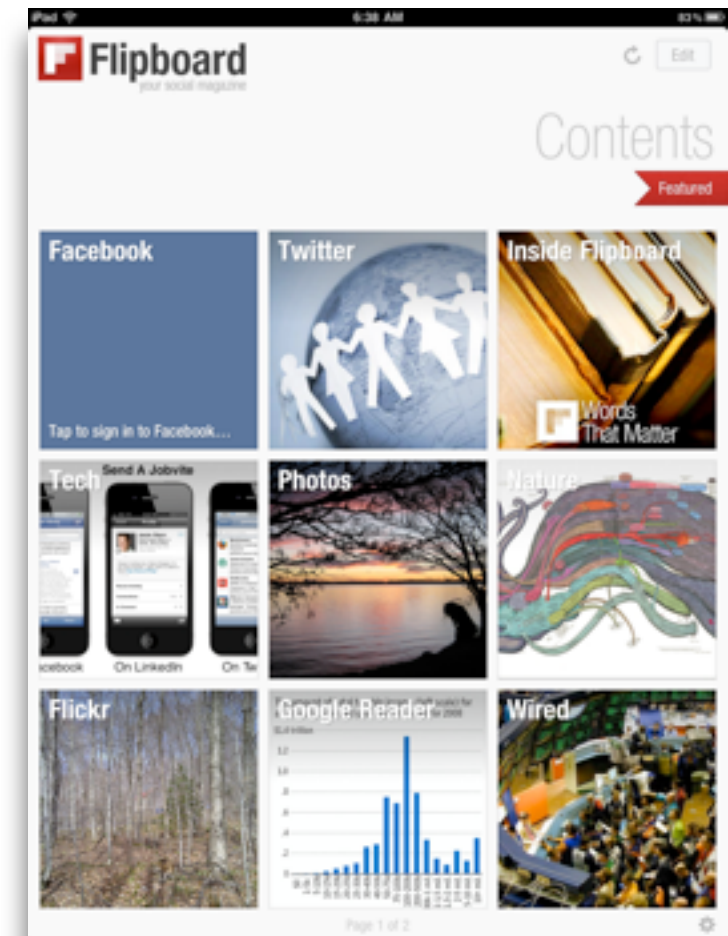
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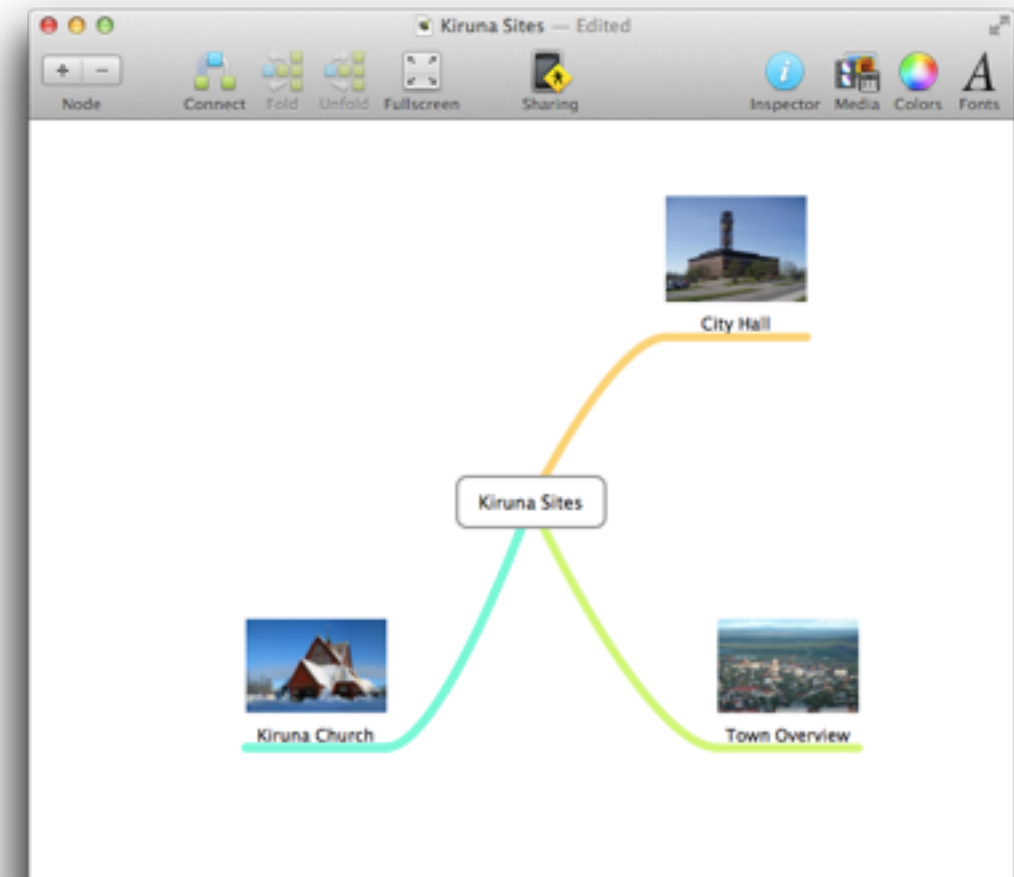
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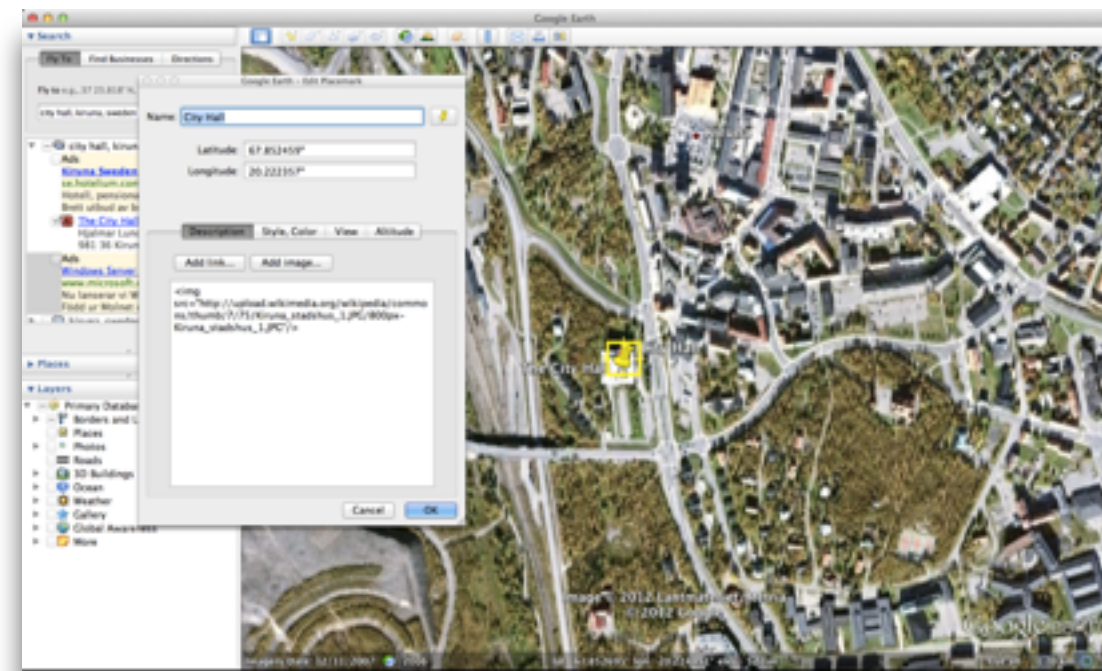
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SAMR In Practice III: Digital Storytelling and Marketing

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SAMR In Practice IV: Ecosystems and System Modeling

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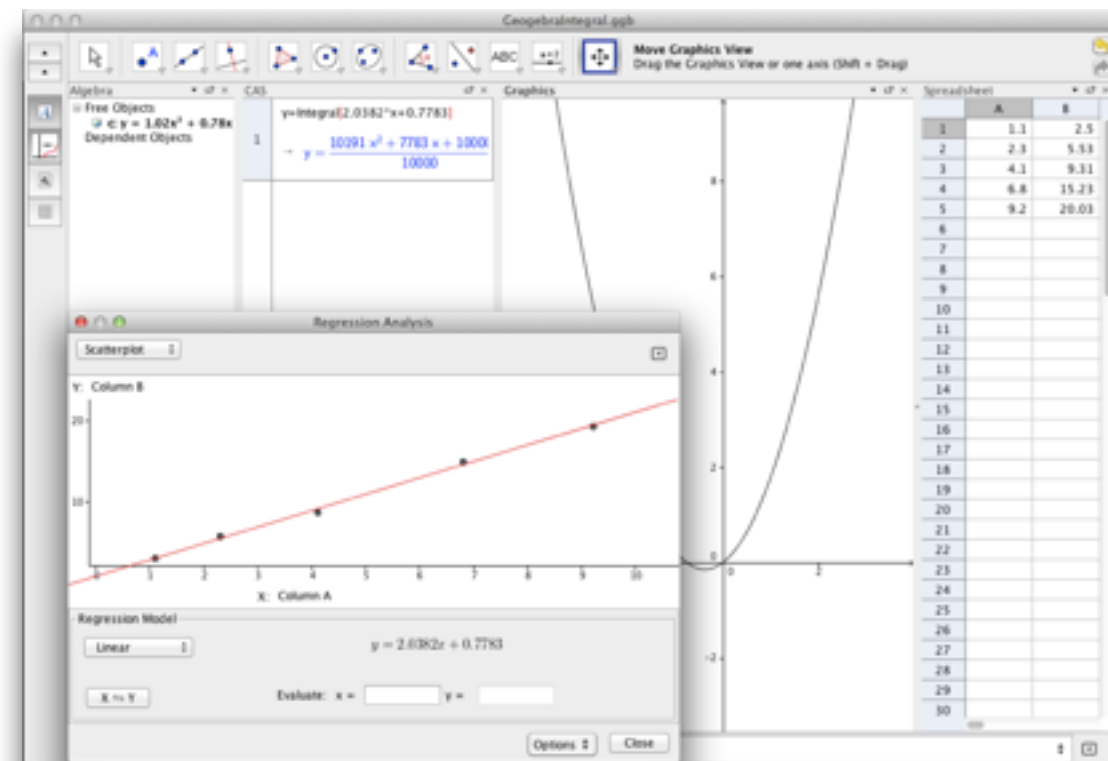
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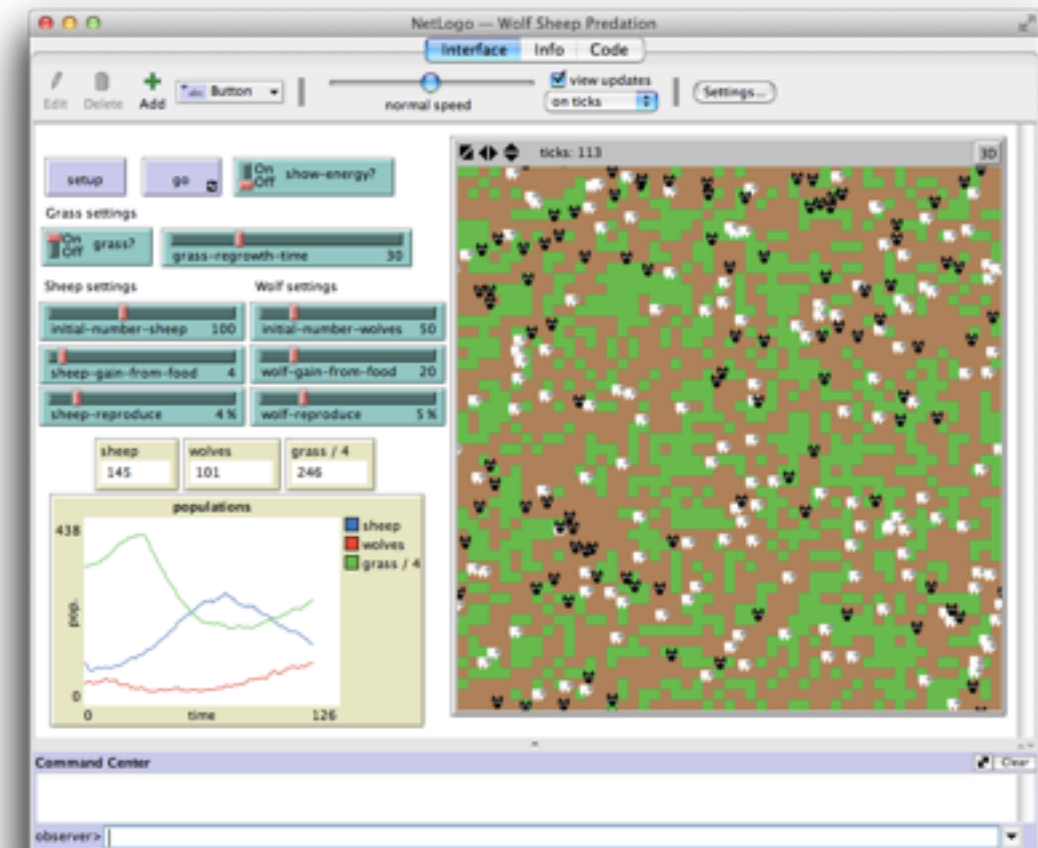
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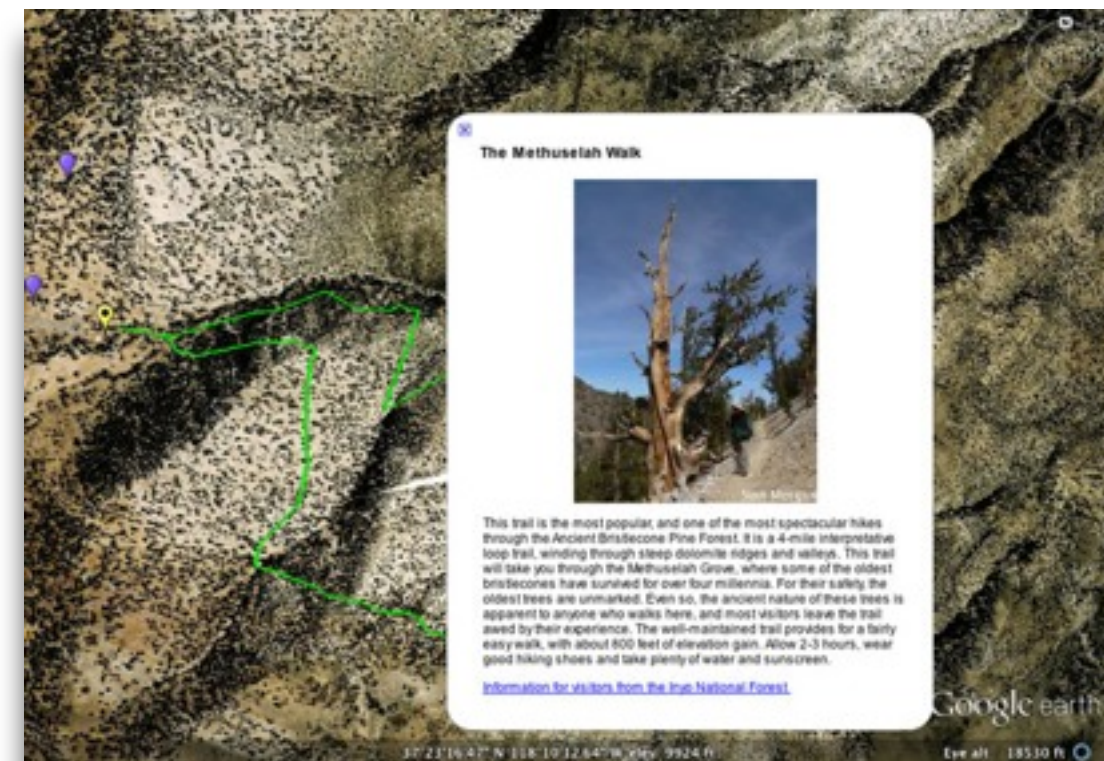
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Hippasus



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