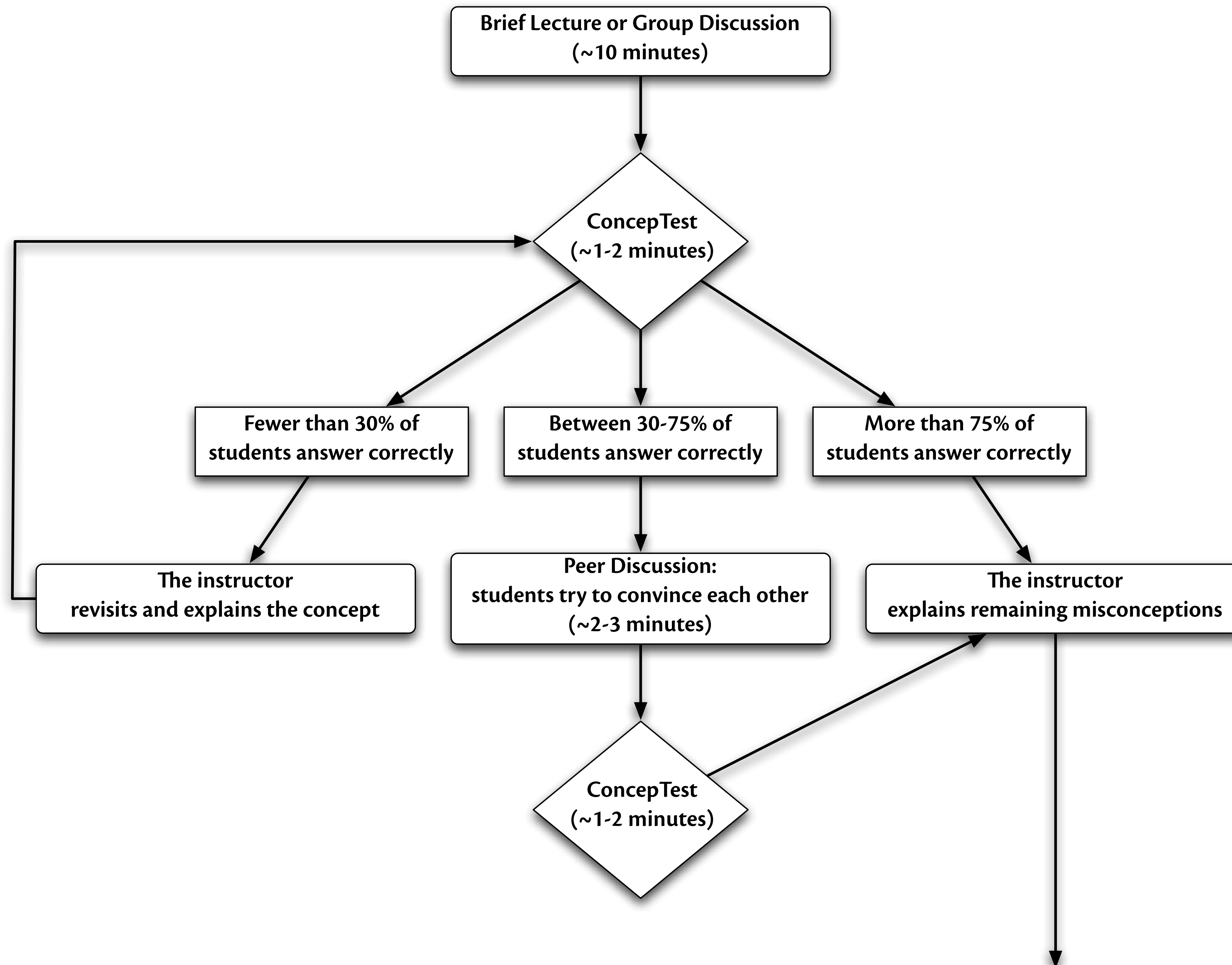


The Peel Classroom In 2018: Four Views

Ruben R. Puentedura, Ph.D.



1. Flipping The Classroom



Redefinition

Tech allows for the creation of new tasks, previously inconceivable

Modification

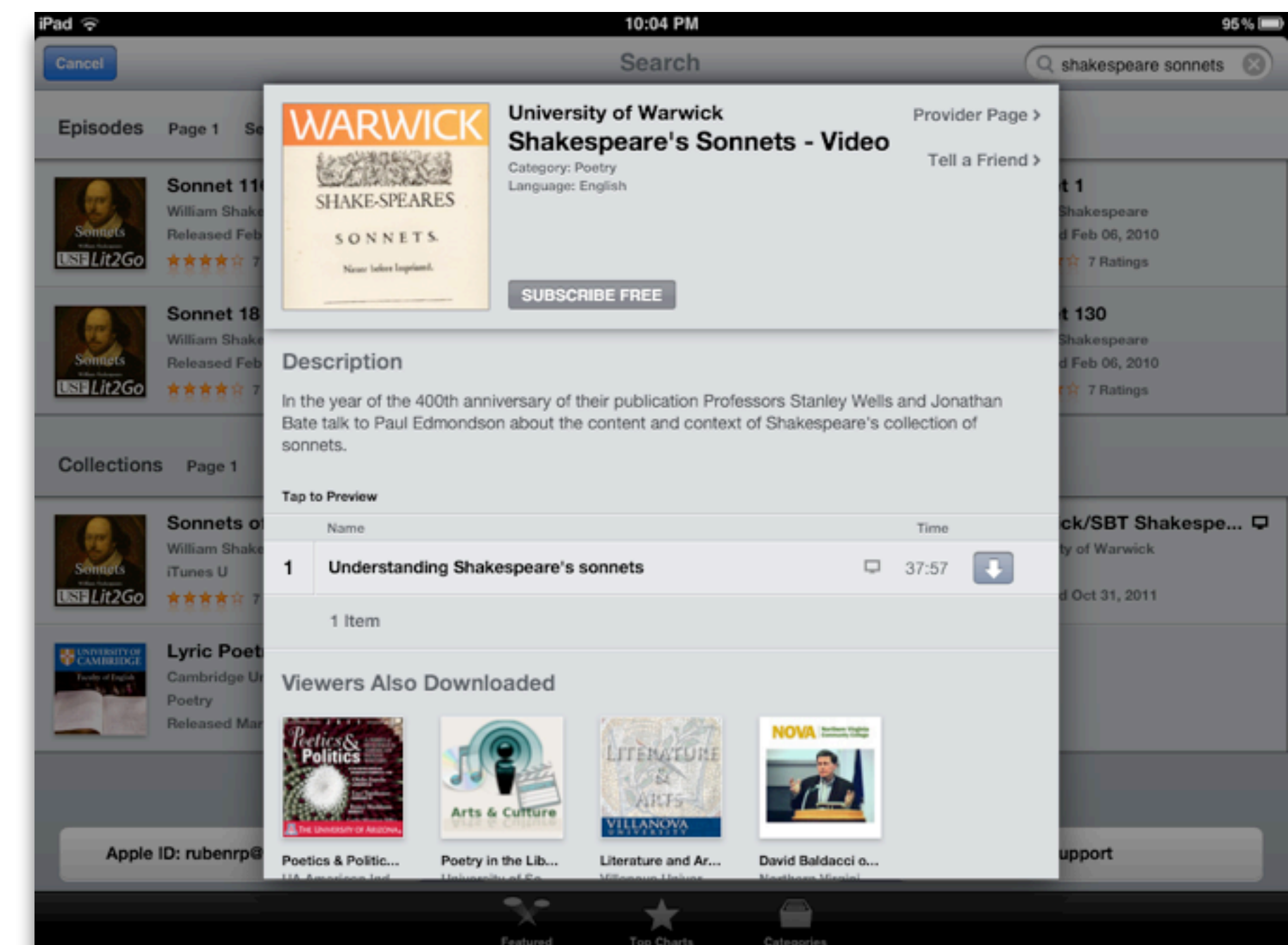
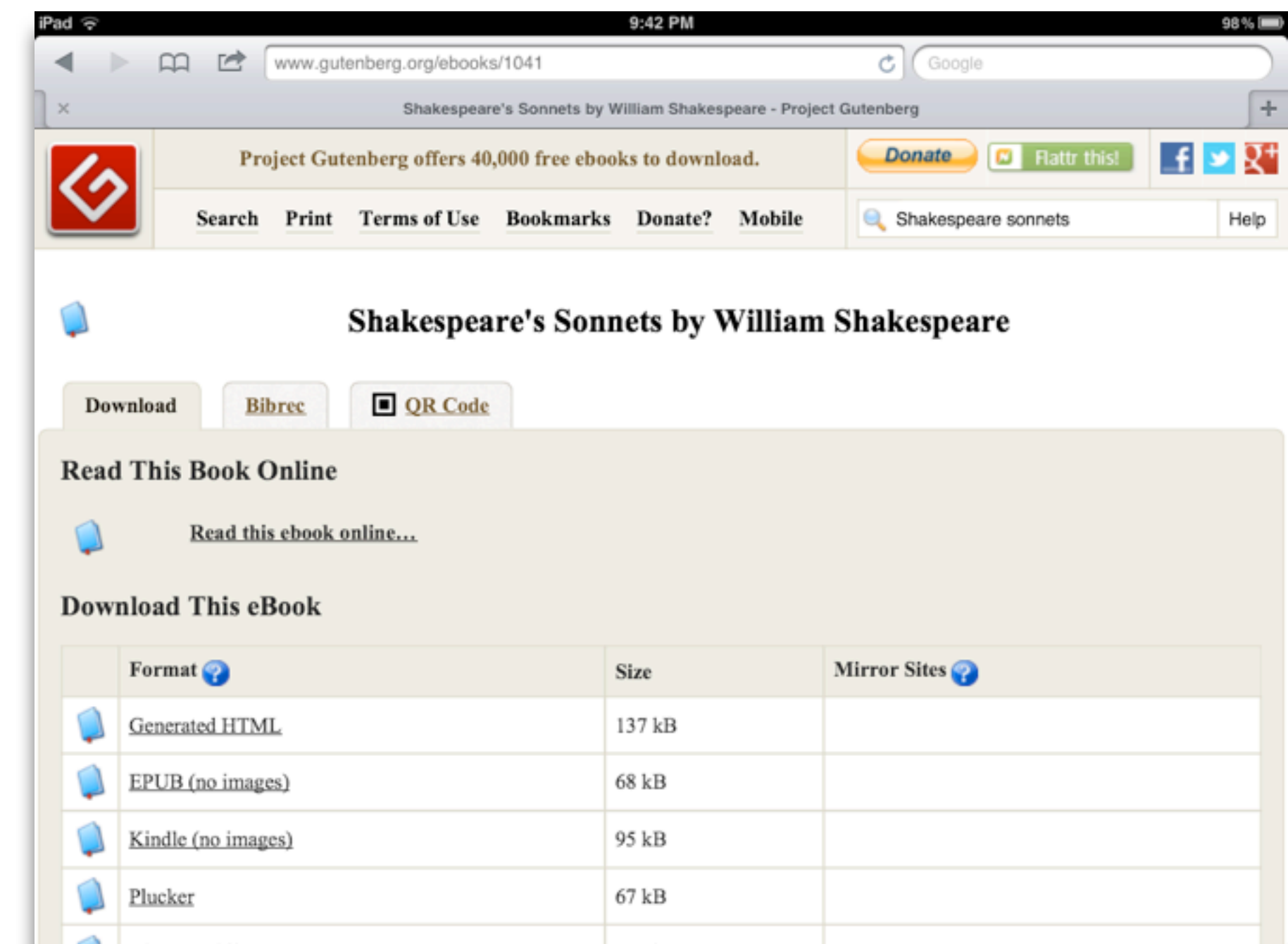
Tech allows for significant task redesign

Augmentation

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Substitution

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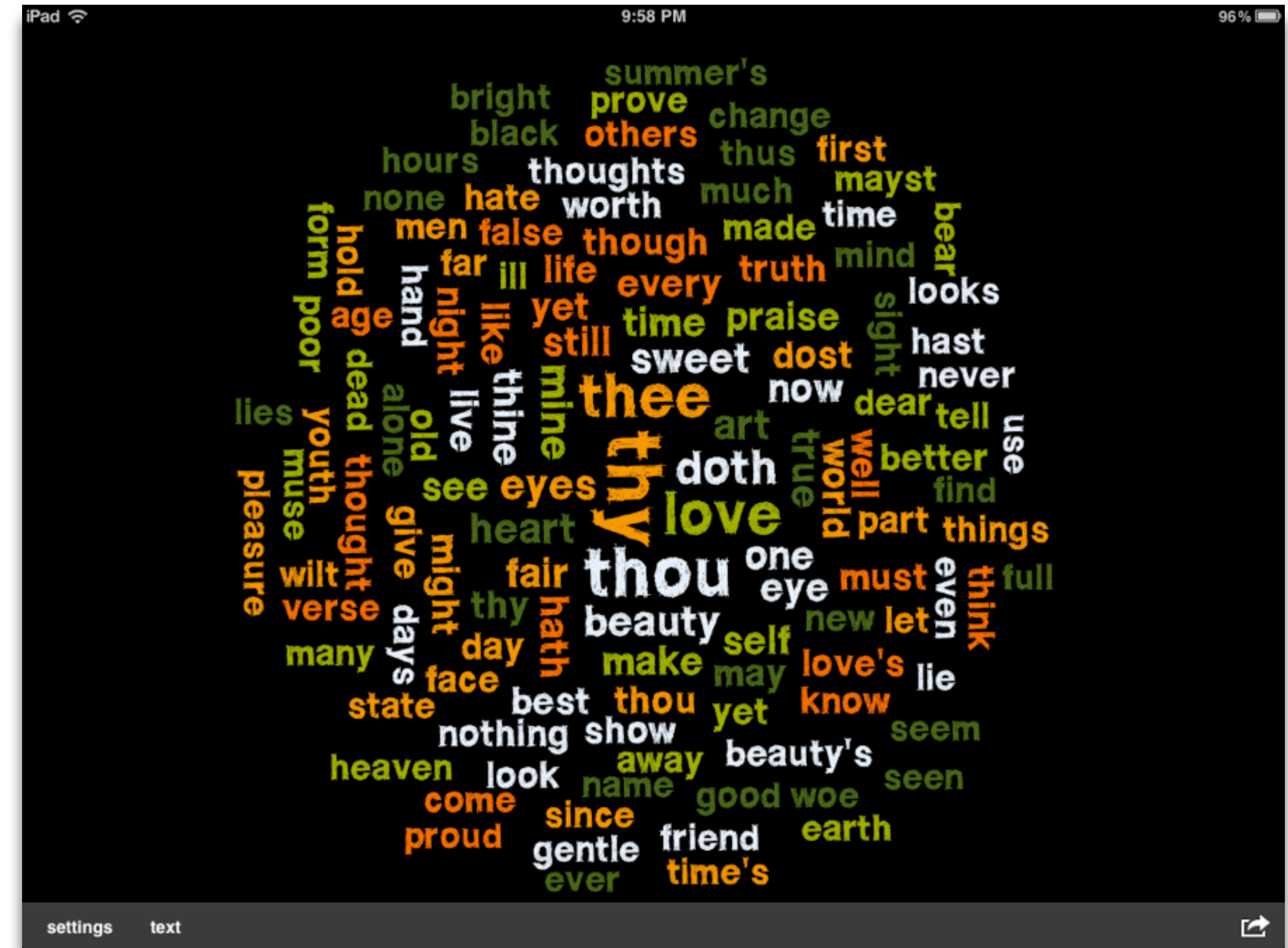


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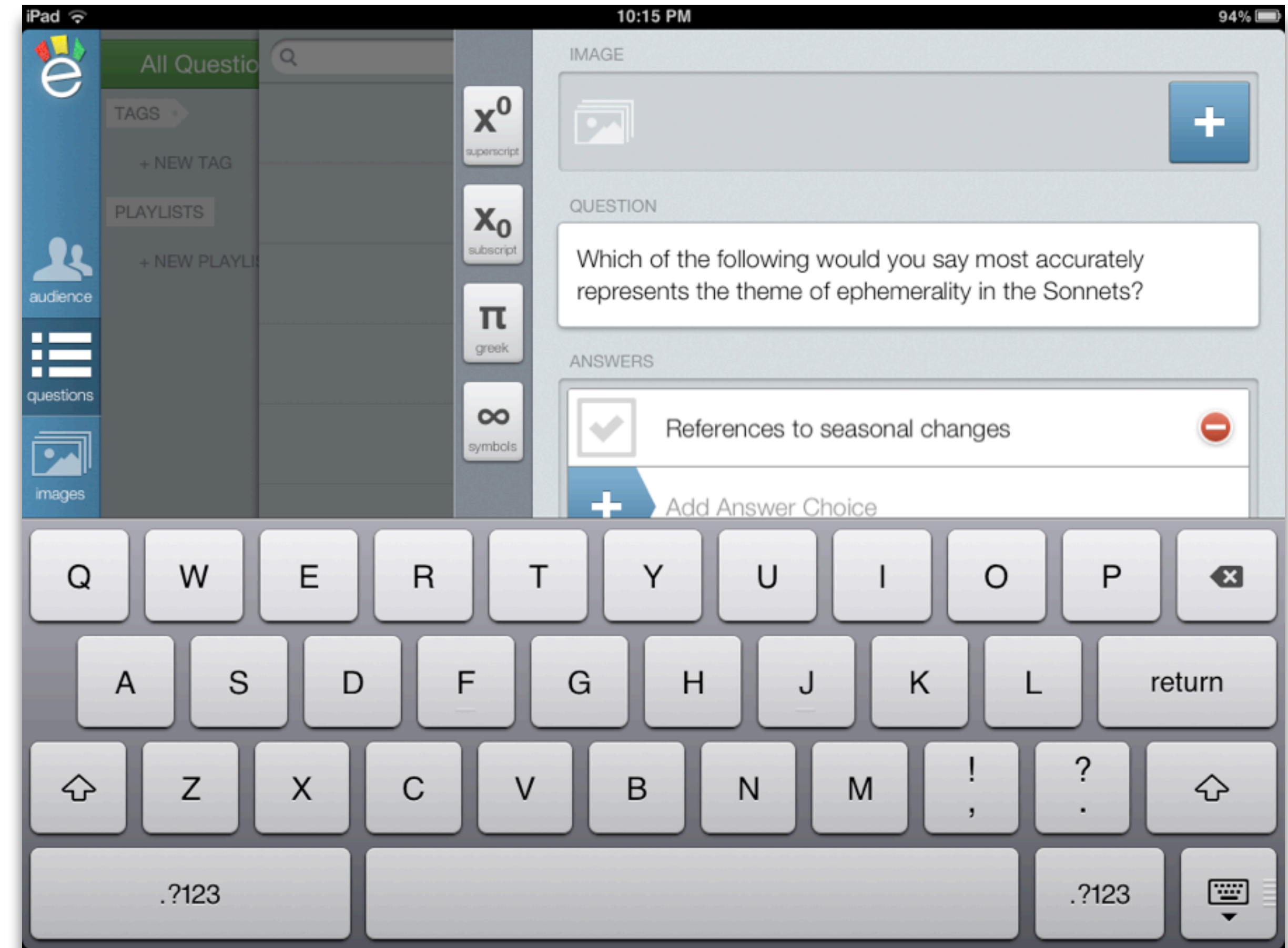
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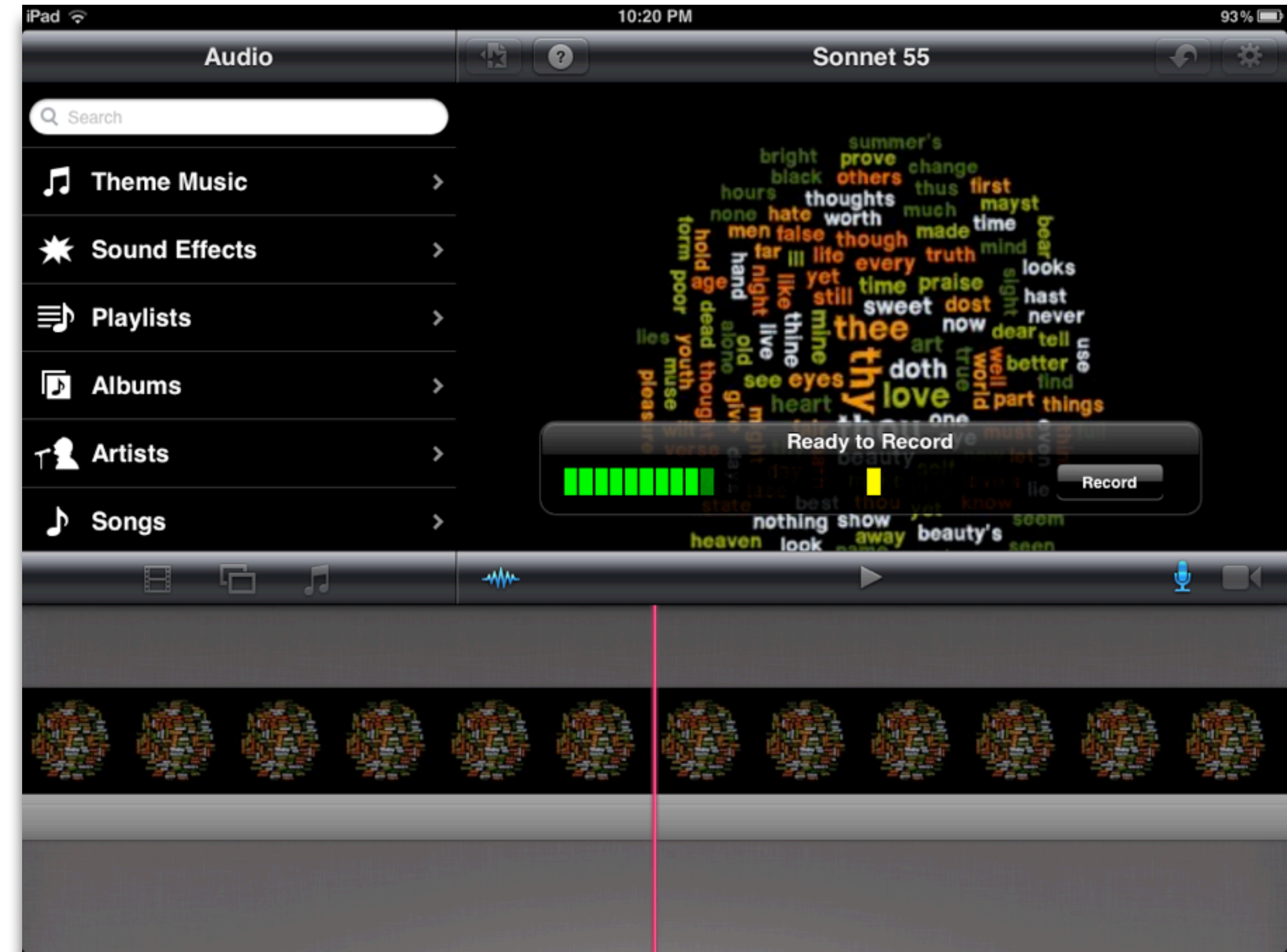
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2. The World As Classroom

Class

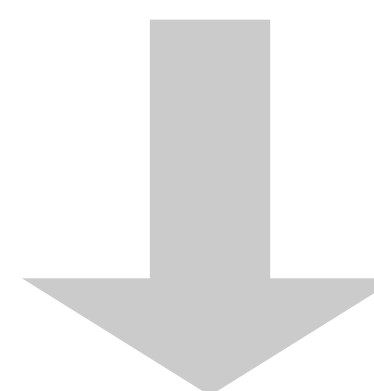
Homework



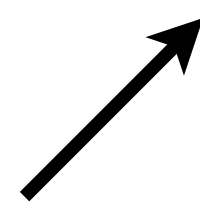
School

World

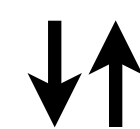
Home



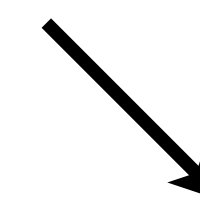
Learning Environments



Contextual Search
Augmented Reality



Cloud Resources
Mobile Tools



Sensors
Recorders

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Aquatic Biomes

Aquatic biomes cover 75 percent of the surface of the Earth. The aquatic and terrestrial biomes are similar in some ways

bi•ome | 'bī,ōm |
noun Ecology
a large naturally occurring community of flora and fauna occupying a major habitat, e.g., forest or tundra.

ORIGIN early 20th cent.: from **BIO-** 'life' + **-OME**

Search Web

Search Wikipedia

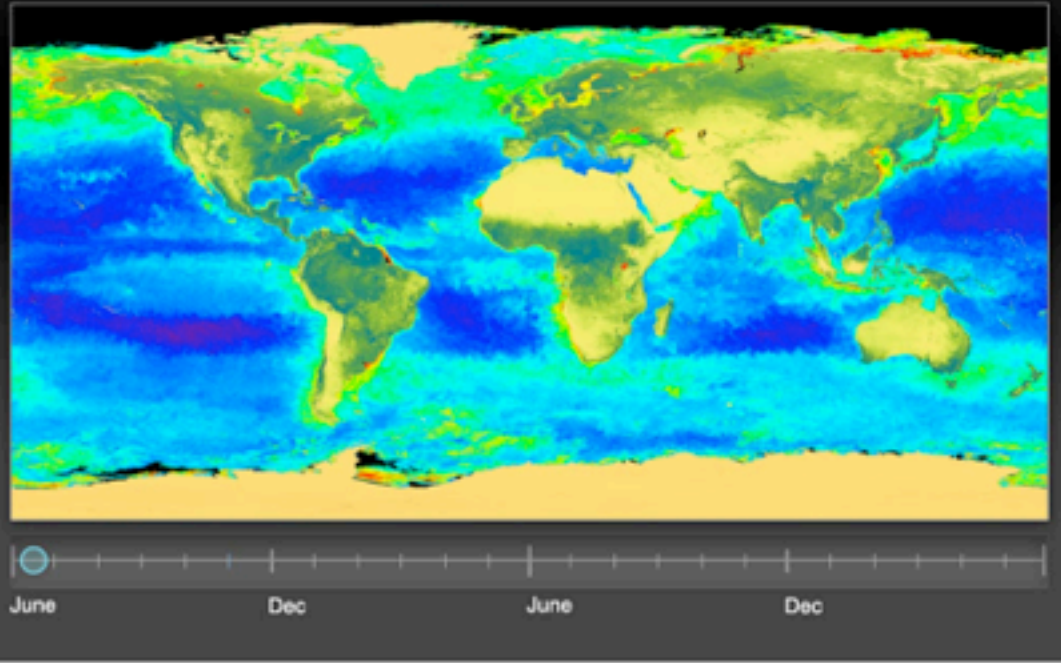
ns, the bility of is the e food nt for arth and ous oxy- e carbon oy pro- nts. d ma- on of dis- dissolved salts (0.05 percent), whereas ocean water has about 35,000 parts per million (3.5 percent).

Some aquatic organisms are adapted to both conditions for parts of their lives, such as salmon and some eels, but it

is more common for organisms to be confined to one of the two environments.

Aquatic environments have less variation globally than those on land. Taking a broad view (the lumpers' perspective), there are four kinds of aquatic biomes: surface waters, deep waters, shores, and bottoms. Within these categories are a variety of distinctive marine and freshwater life zones that are frequently designated as separate biomes.

Worldwide Photosynthetic Activity



June Dec June Dec

Interactive The latitudes of peak photosynthesis change with the seasons.

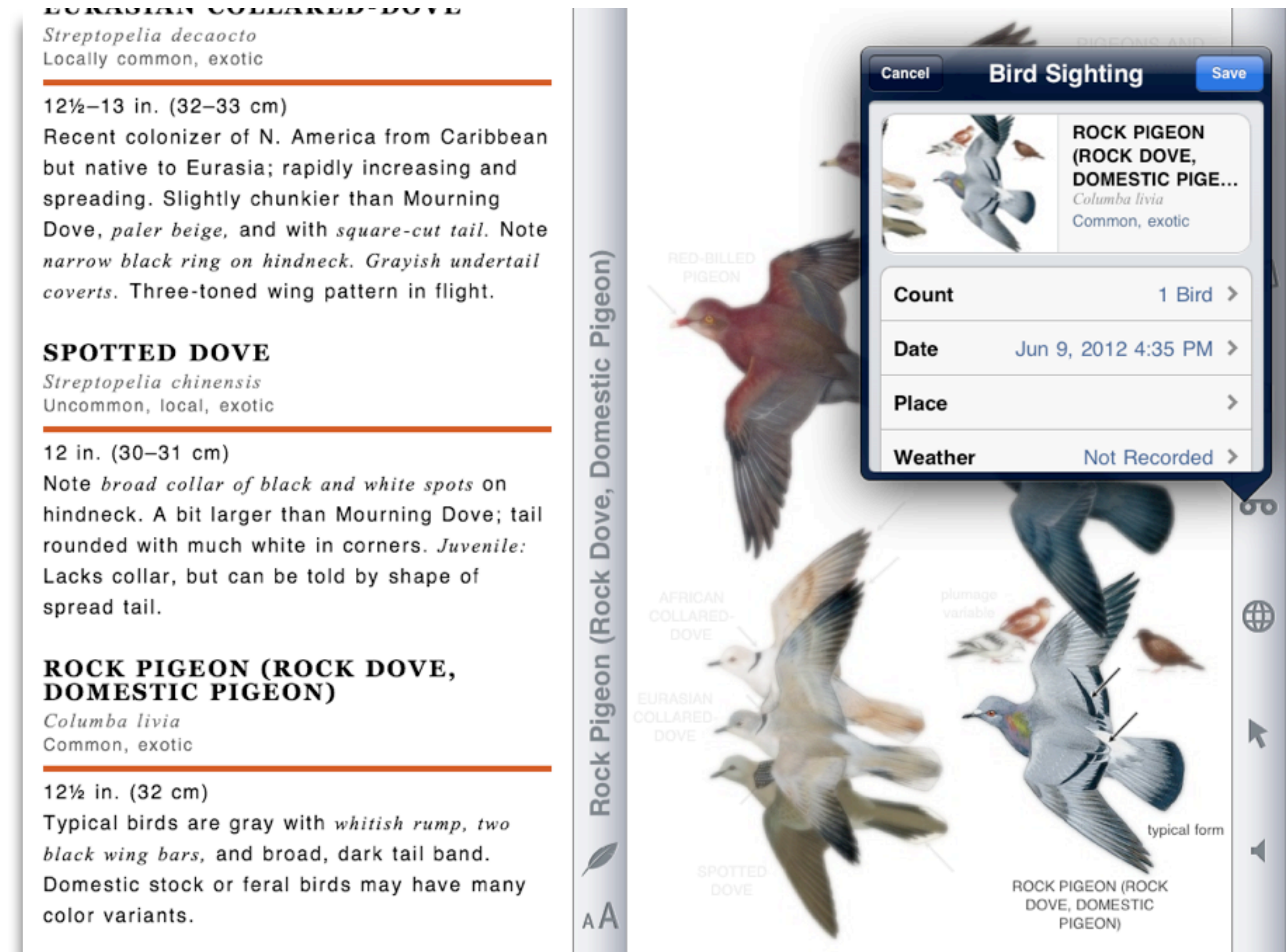
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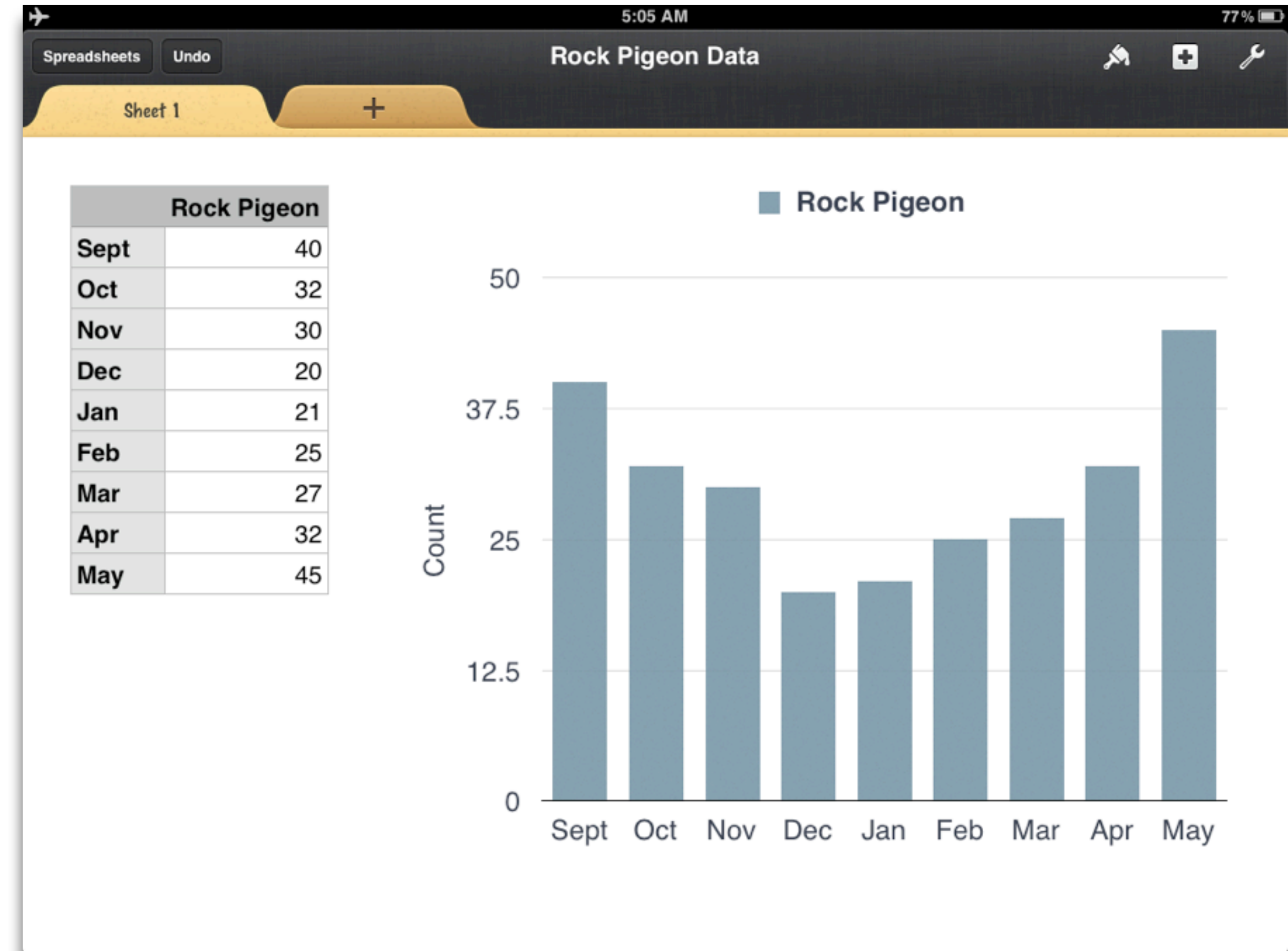
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3. Running Before Walking

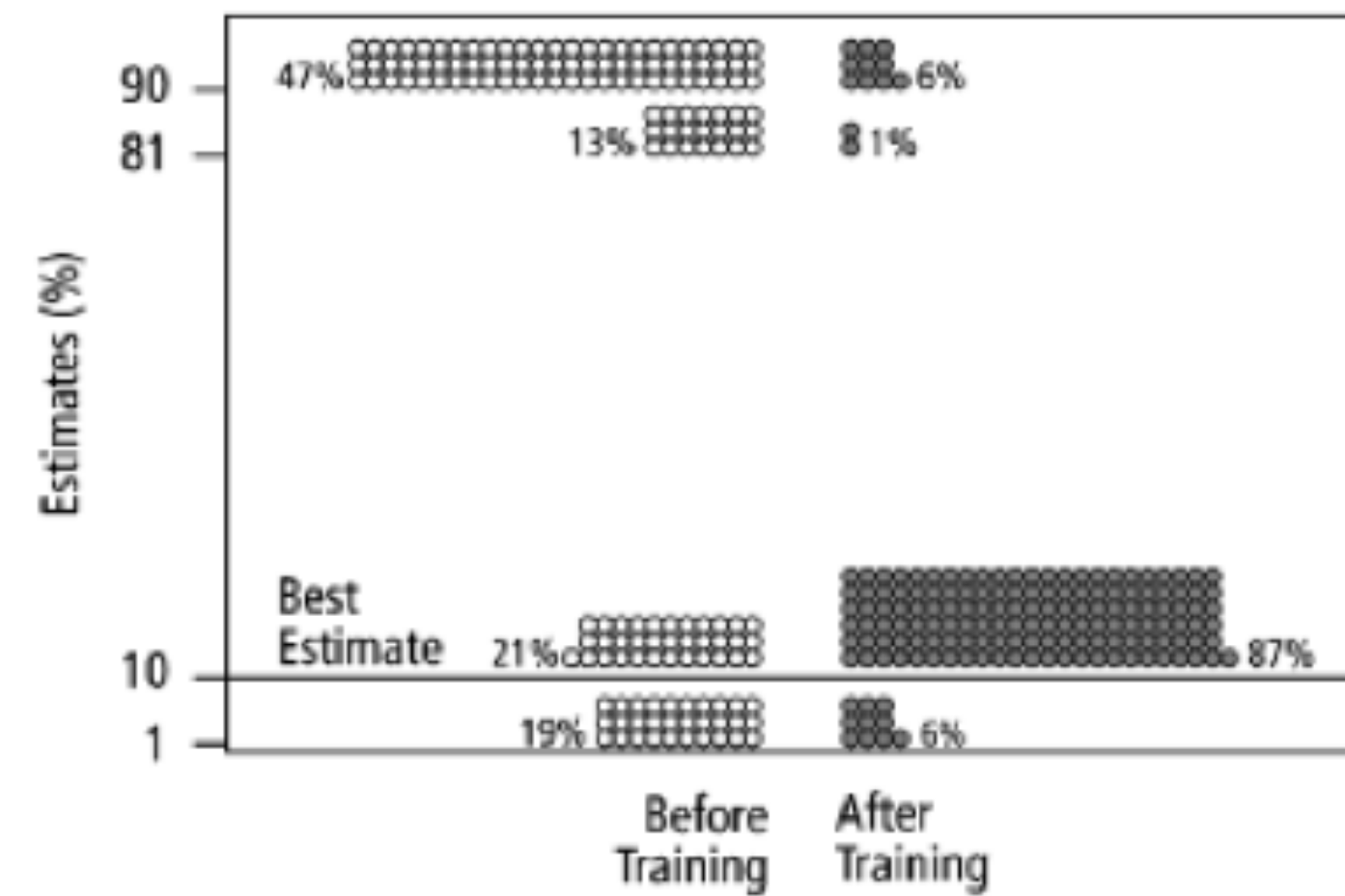


Fig. 2. Estimates by 160 gynecologists of the probability that a woman has breast cancer given a positive mammogram, before and after receiving training in how to translate conditional probabilities into natural frequencies.

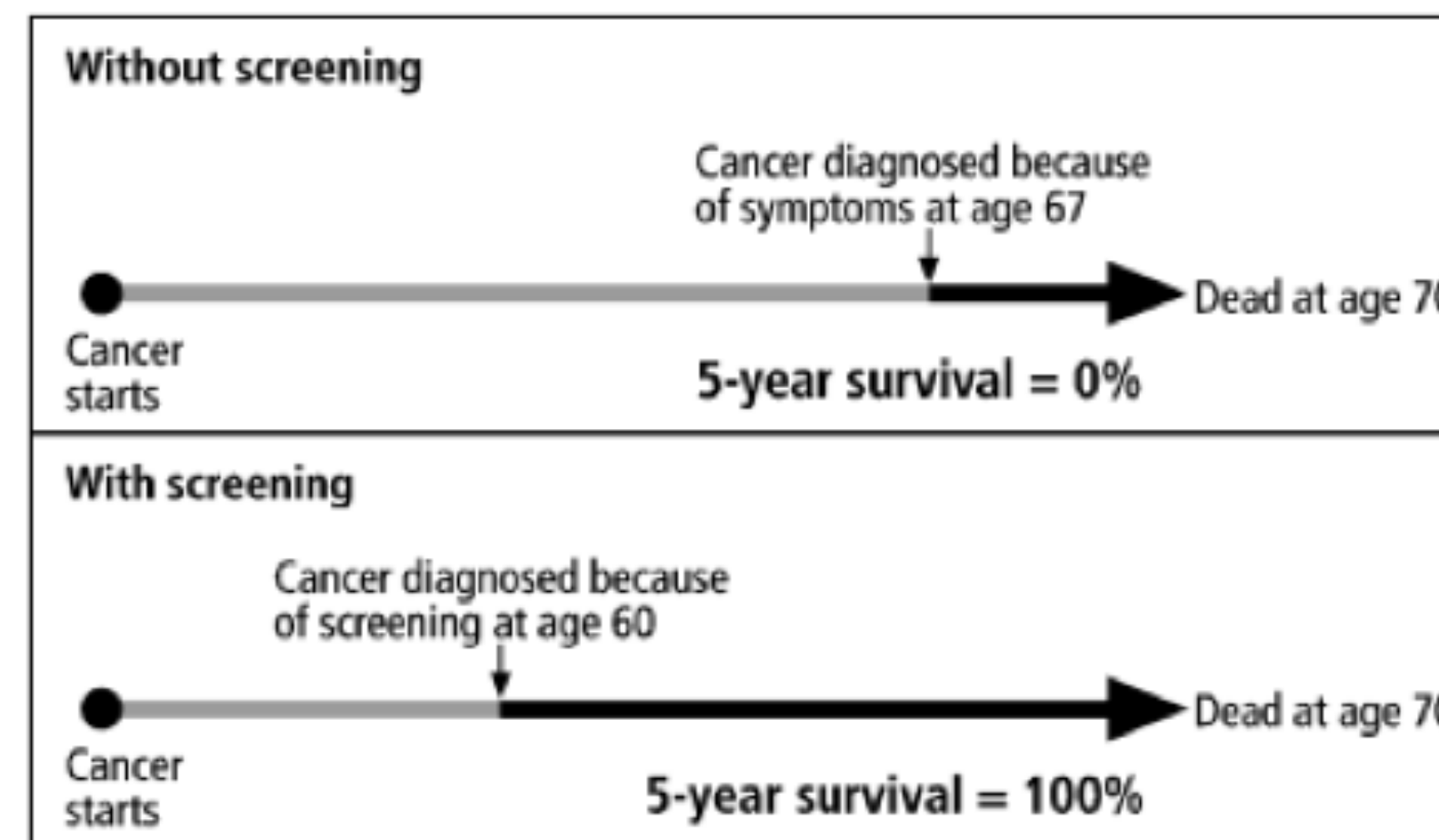


Fig. 4. Lead-time bias. Even if the time of death is not changed by screening—and thus no life is saved or prolonged—advancing the time of diagnosis in this way can result in increased 5-year survival rates, causing such statistics to be misleading.

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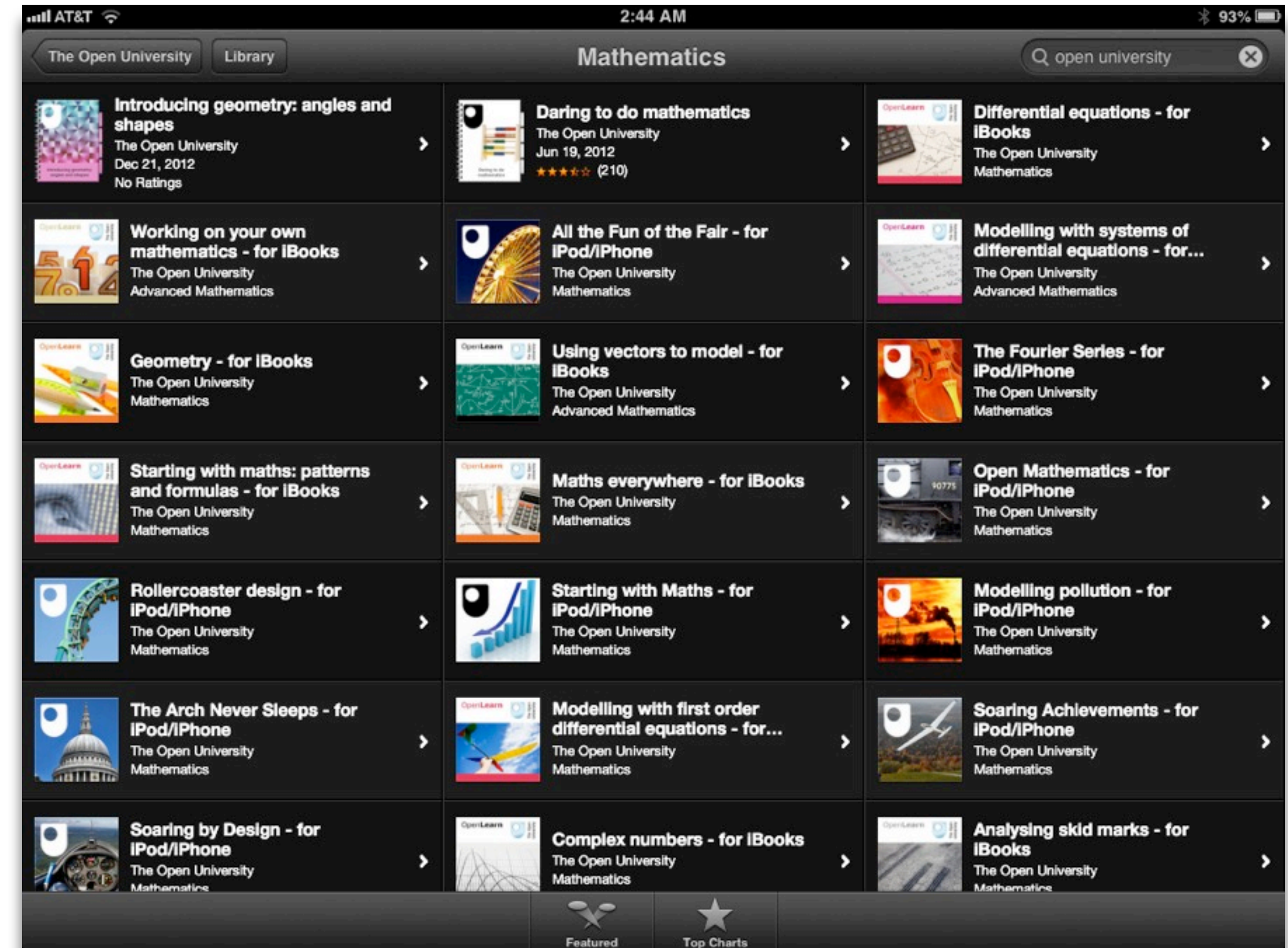
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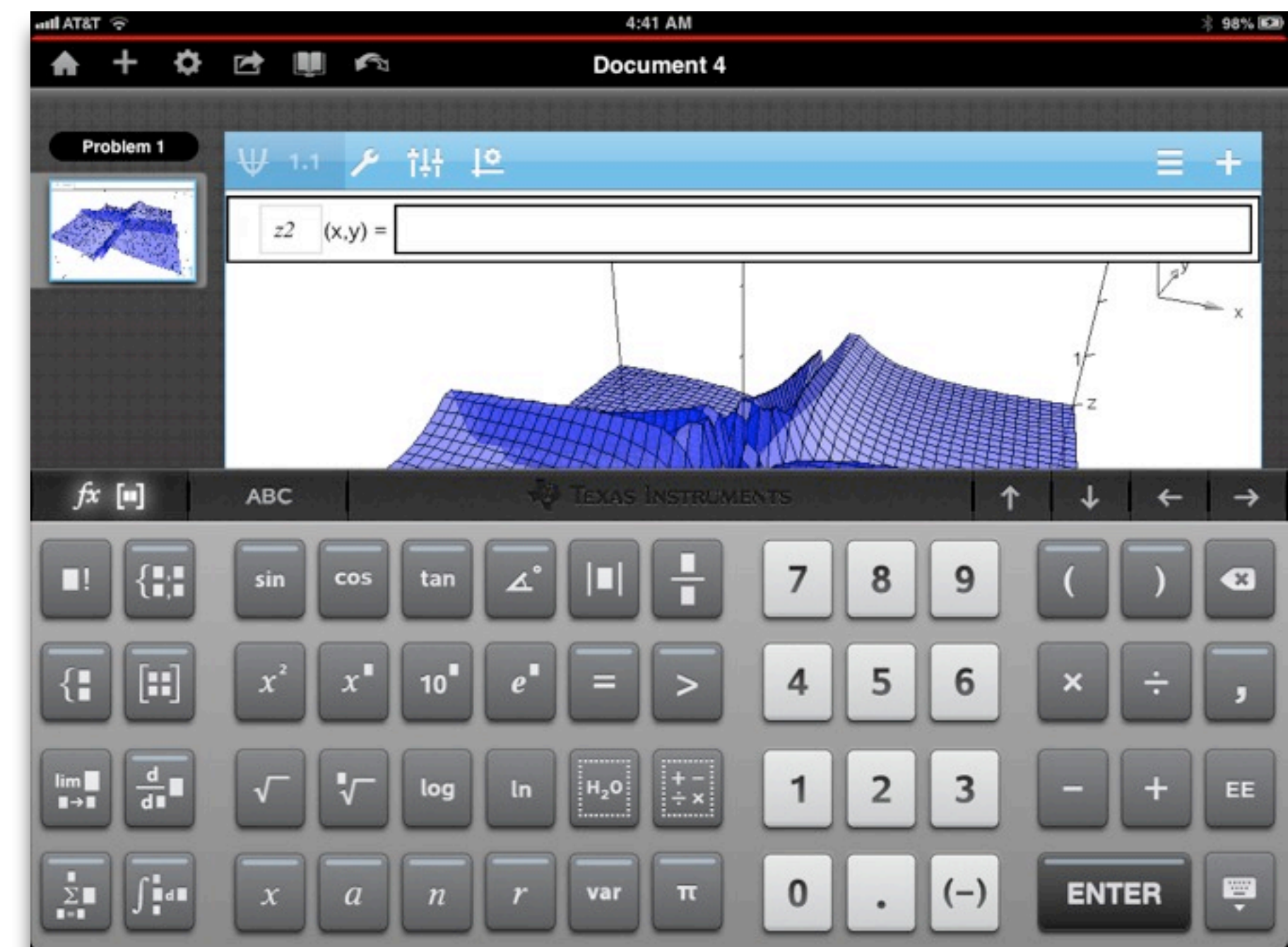
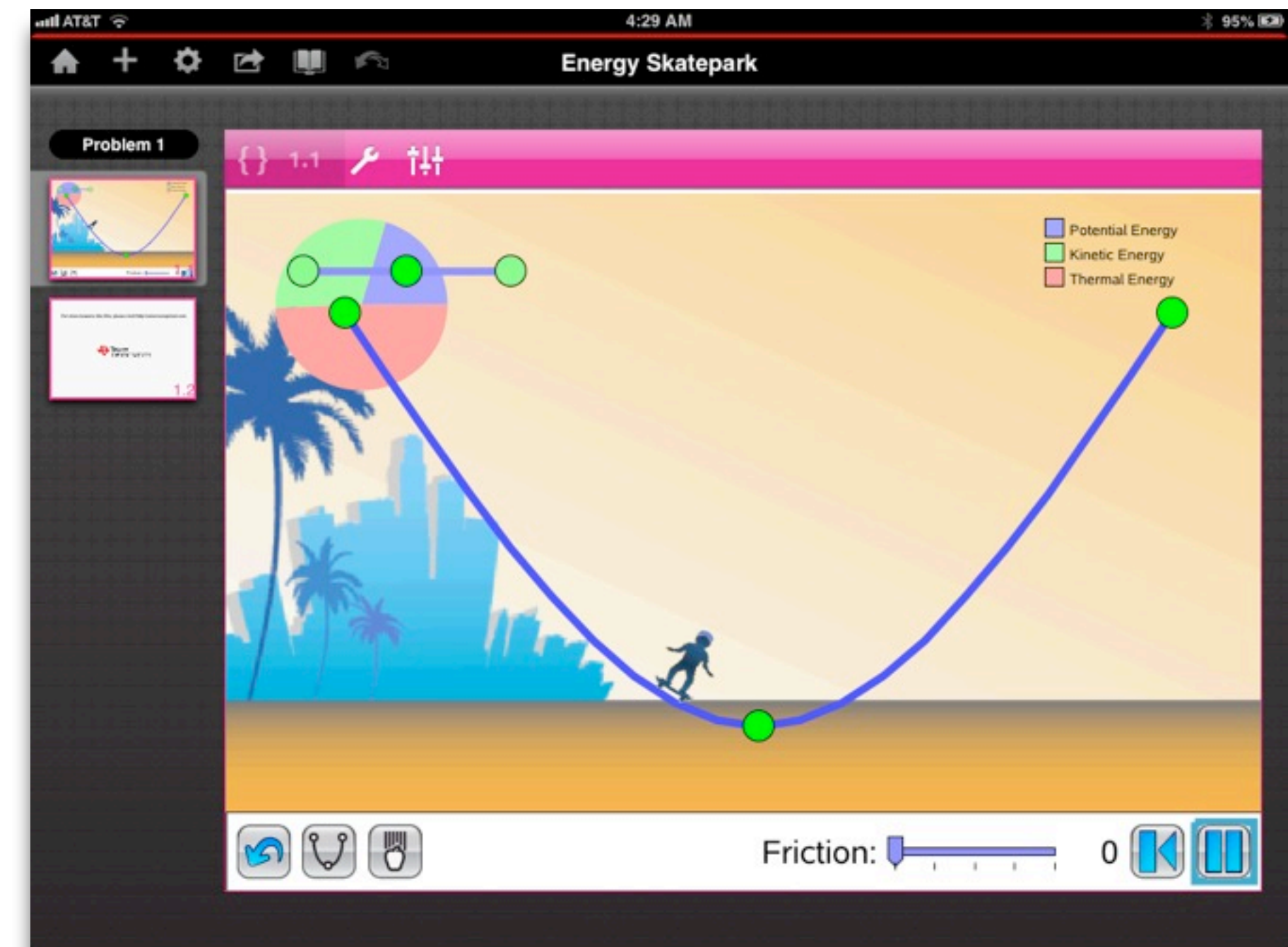
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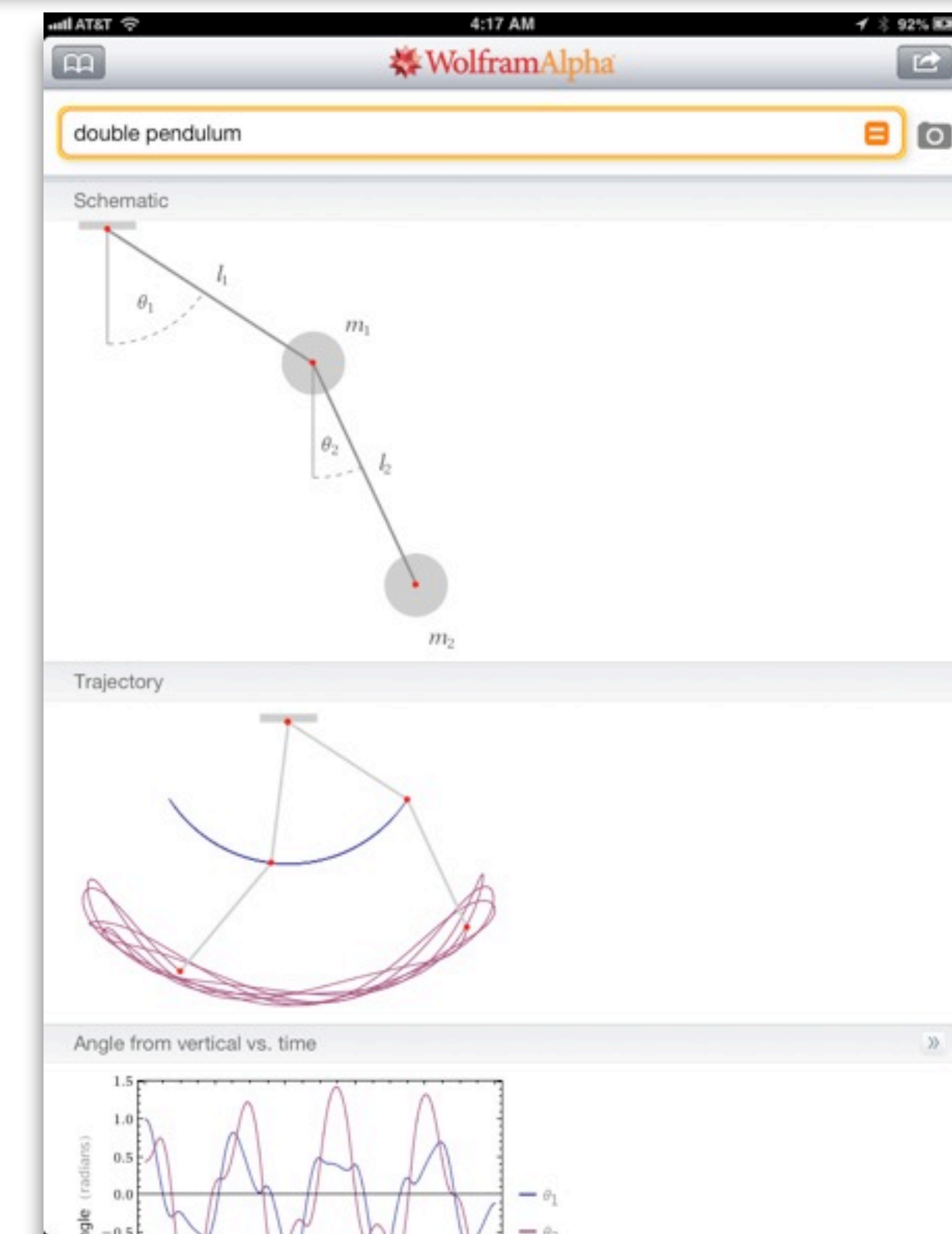
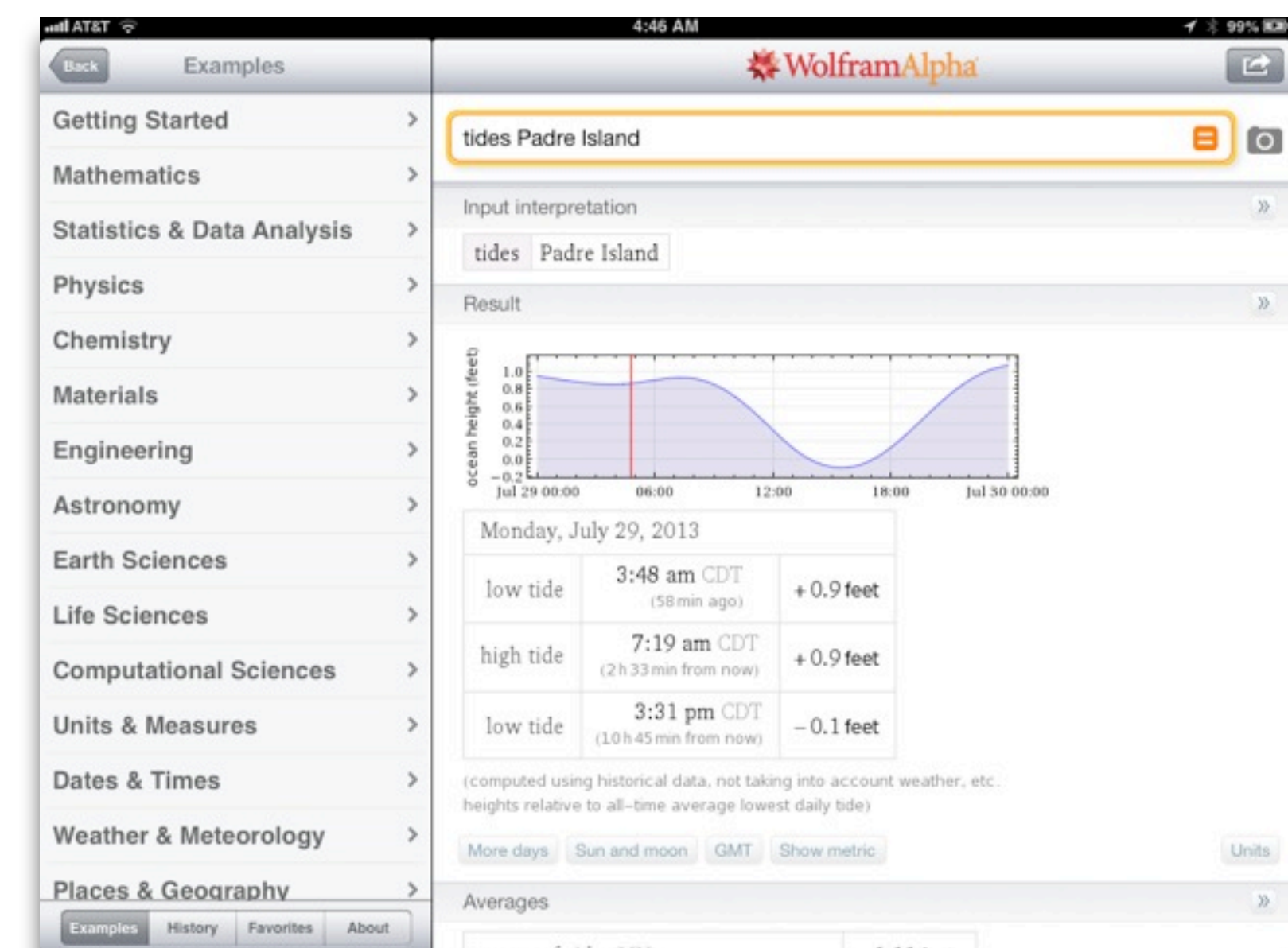
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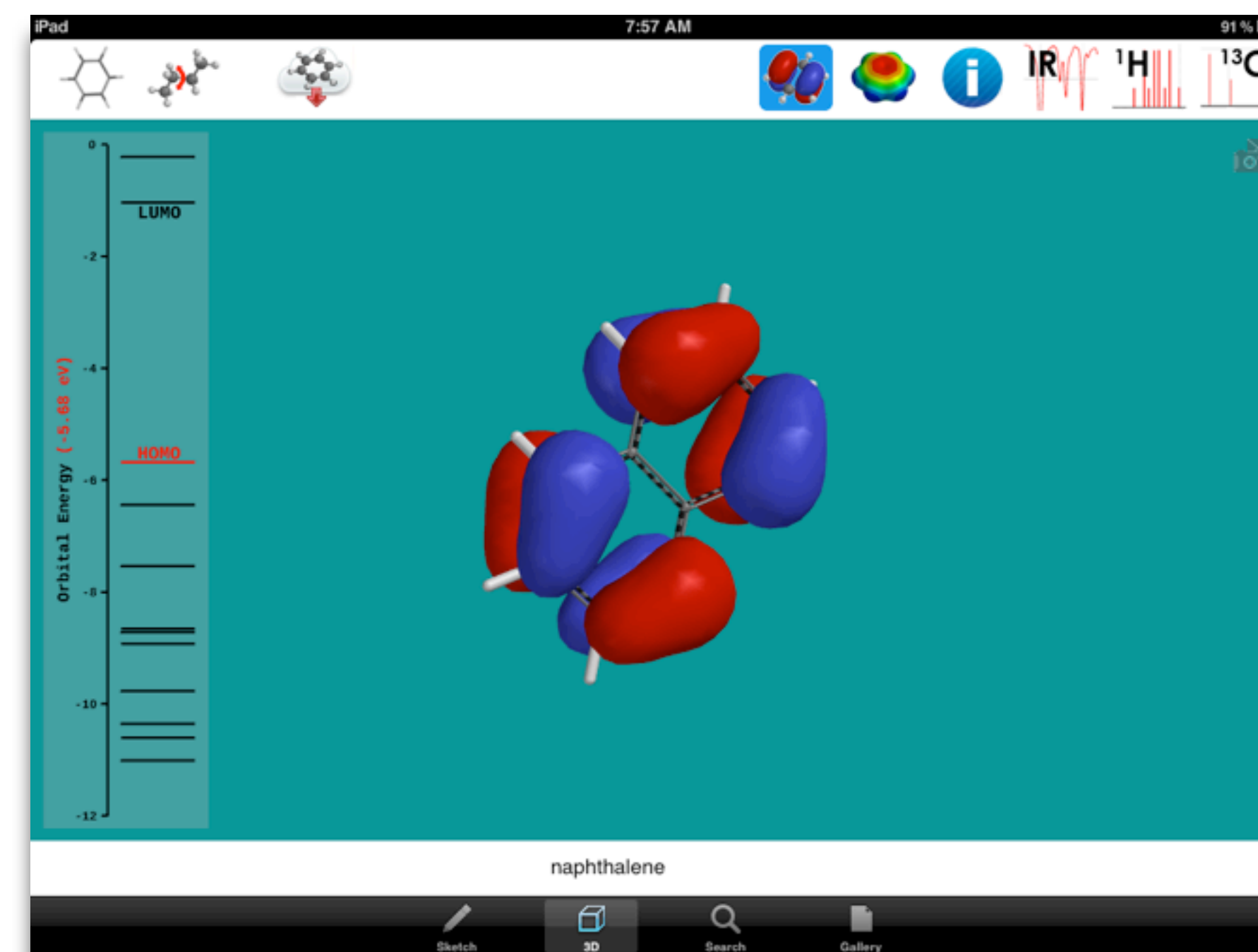
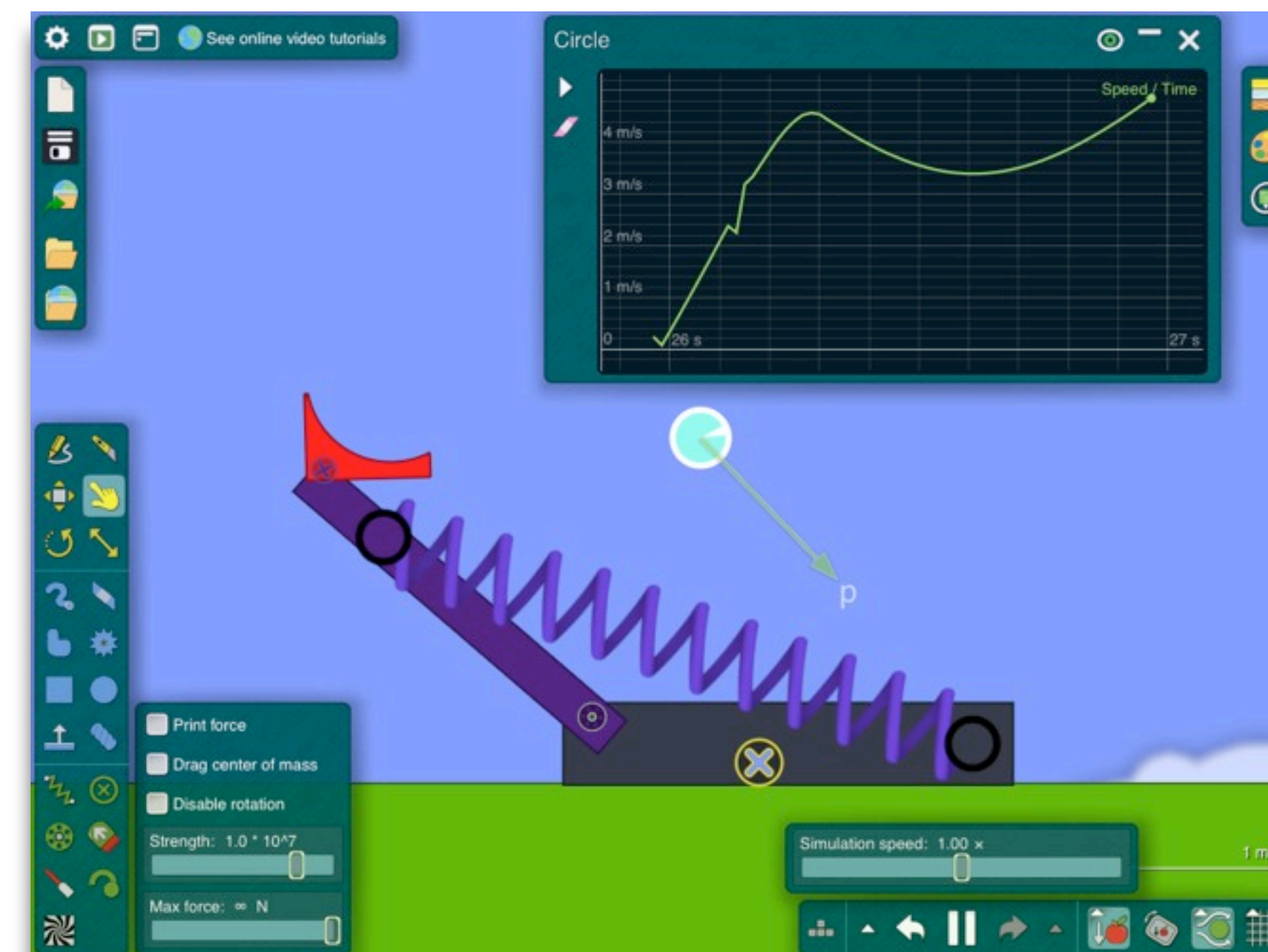
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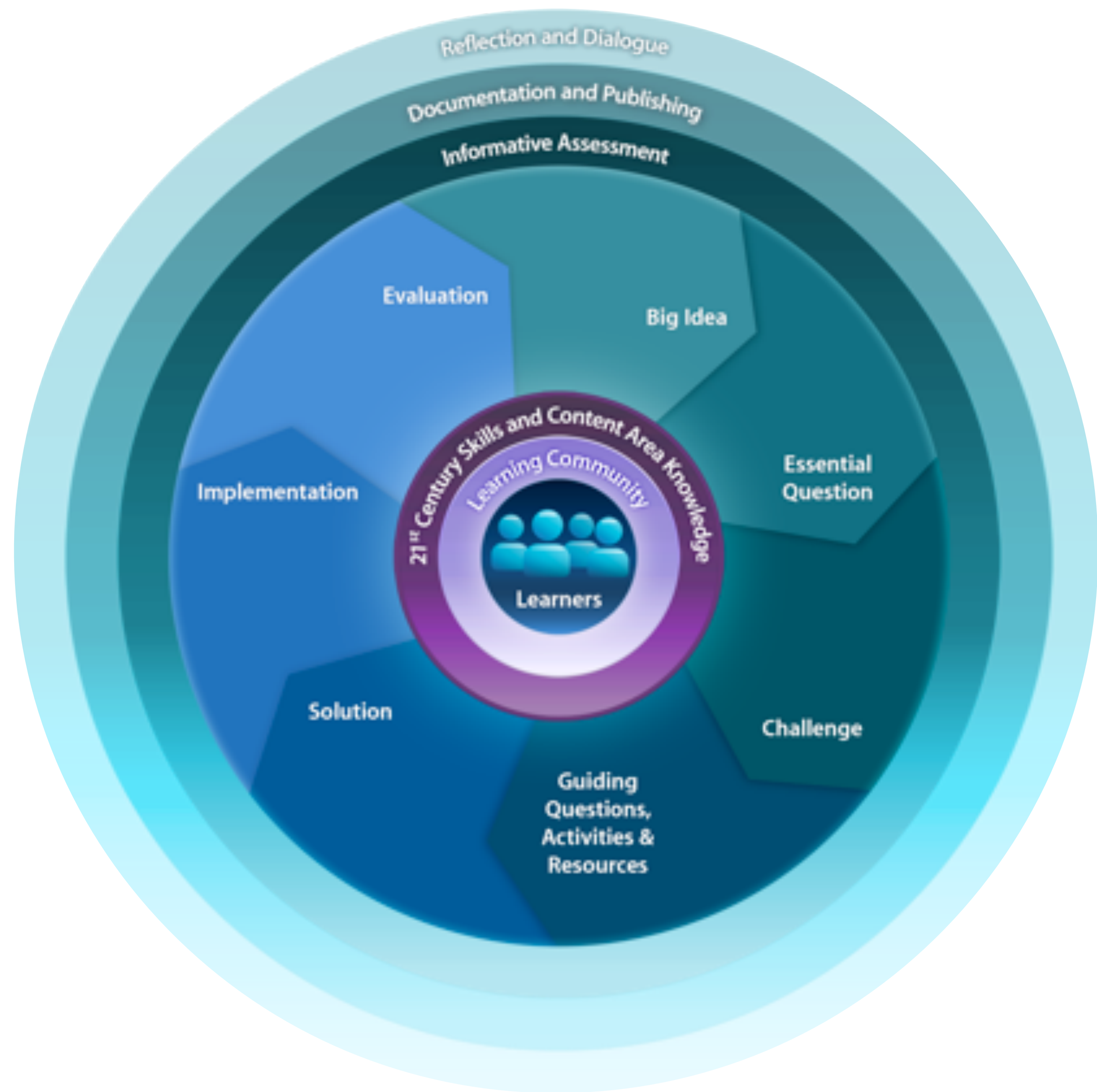
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4. Games For Thinking



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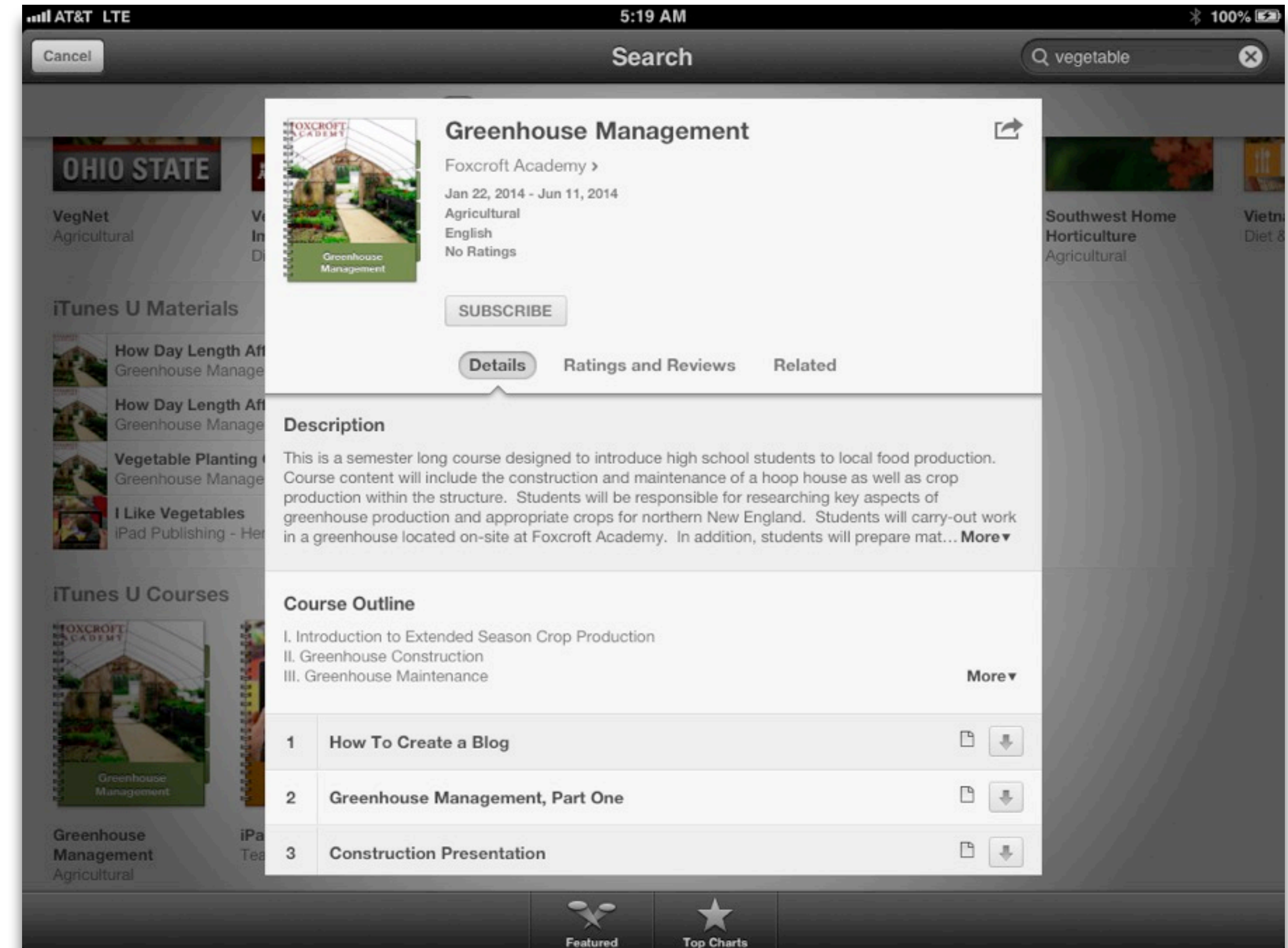
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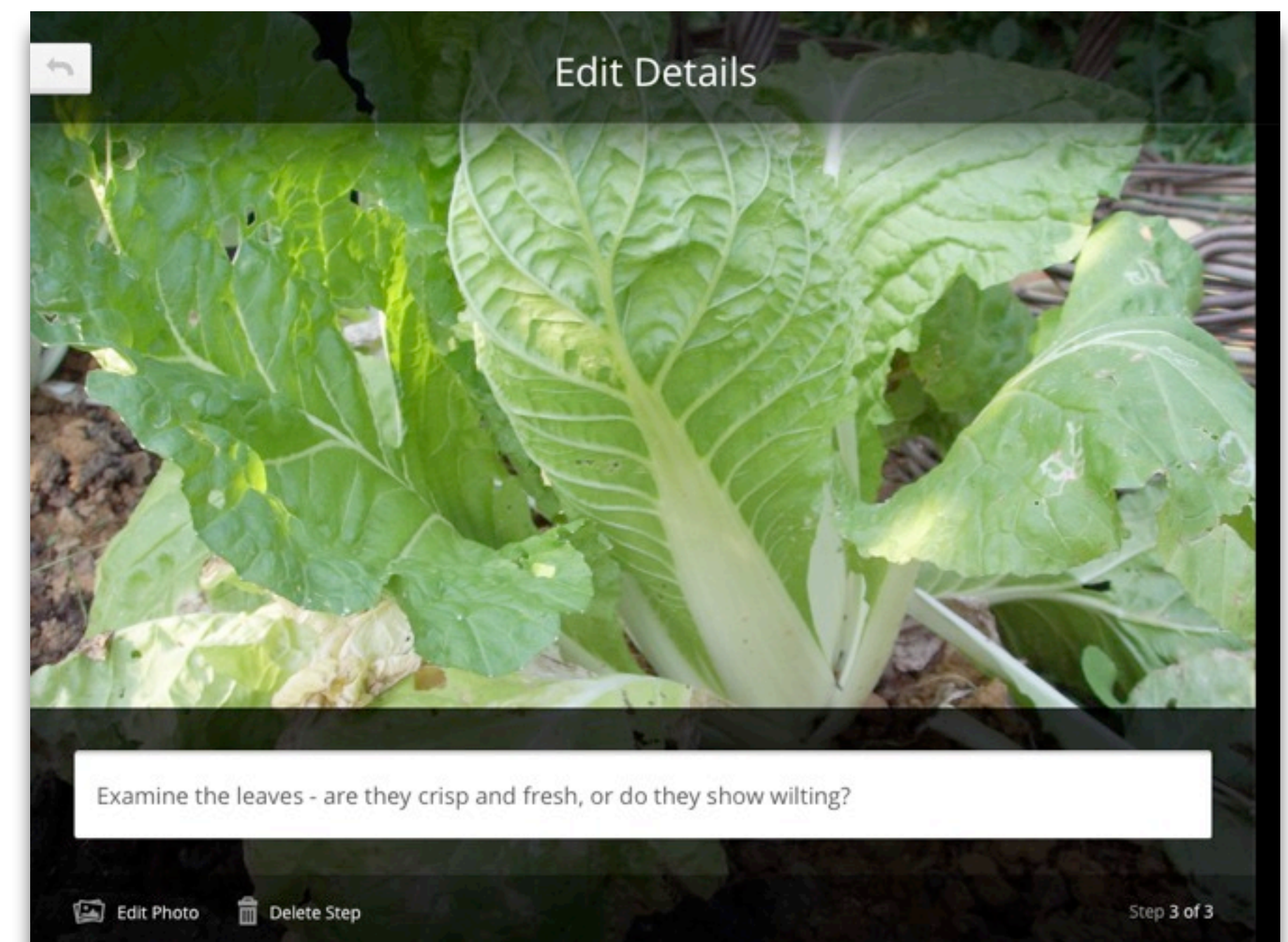
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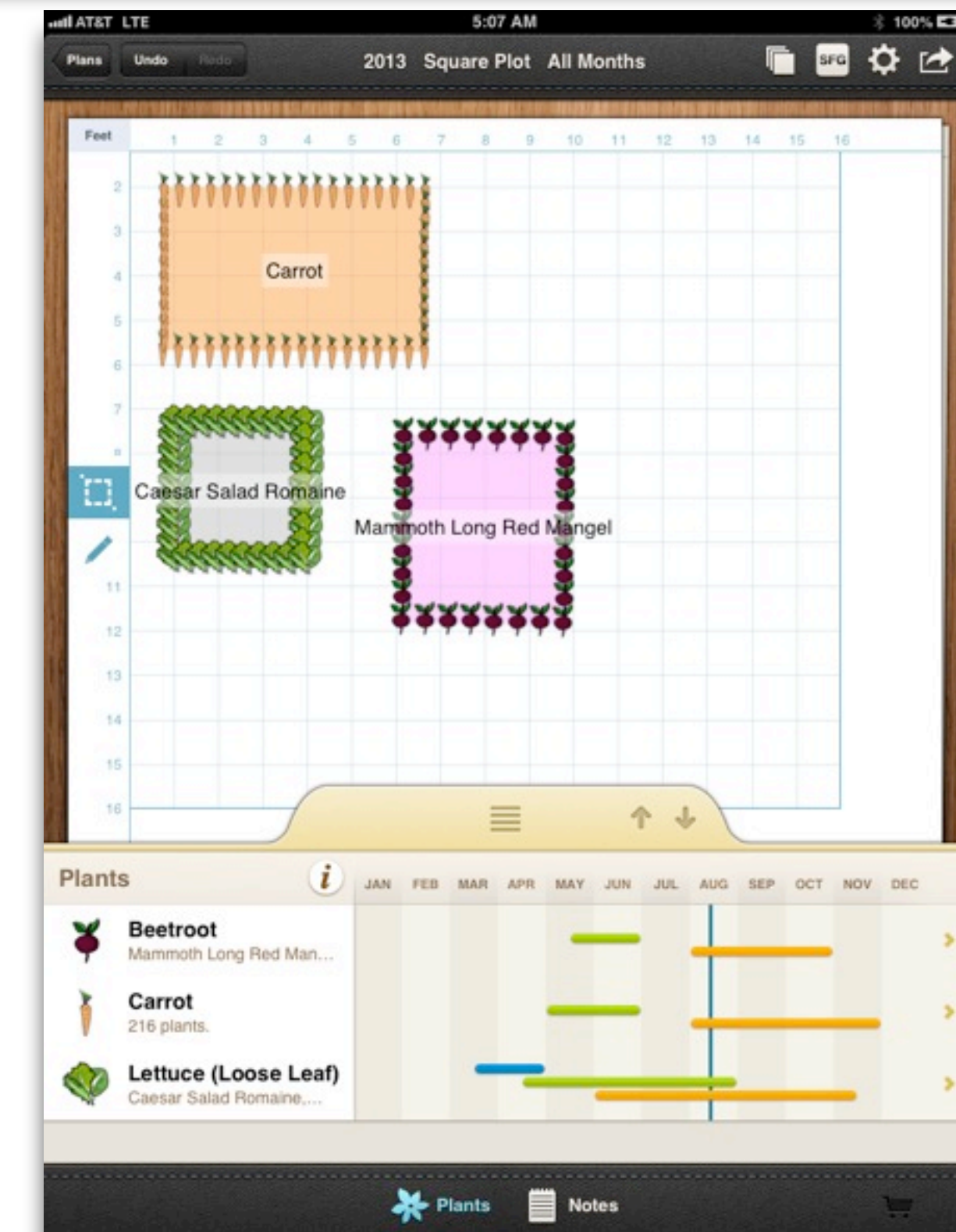
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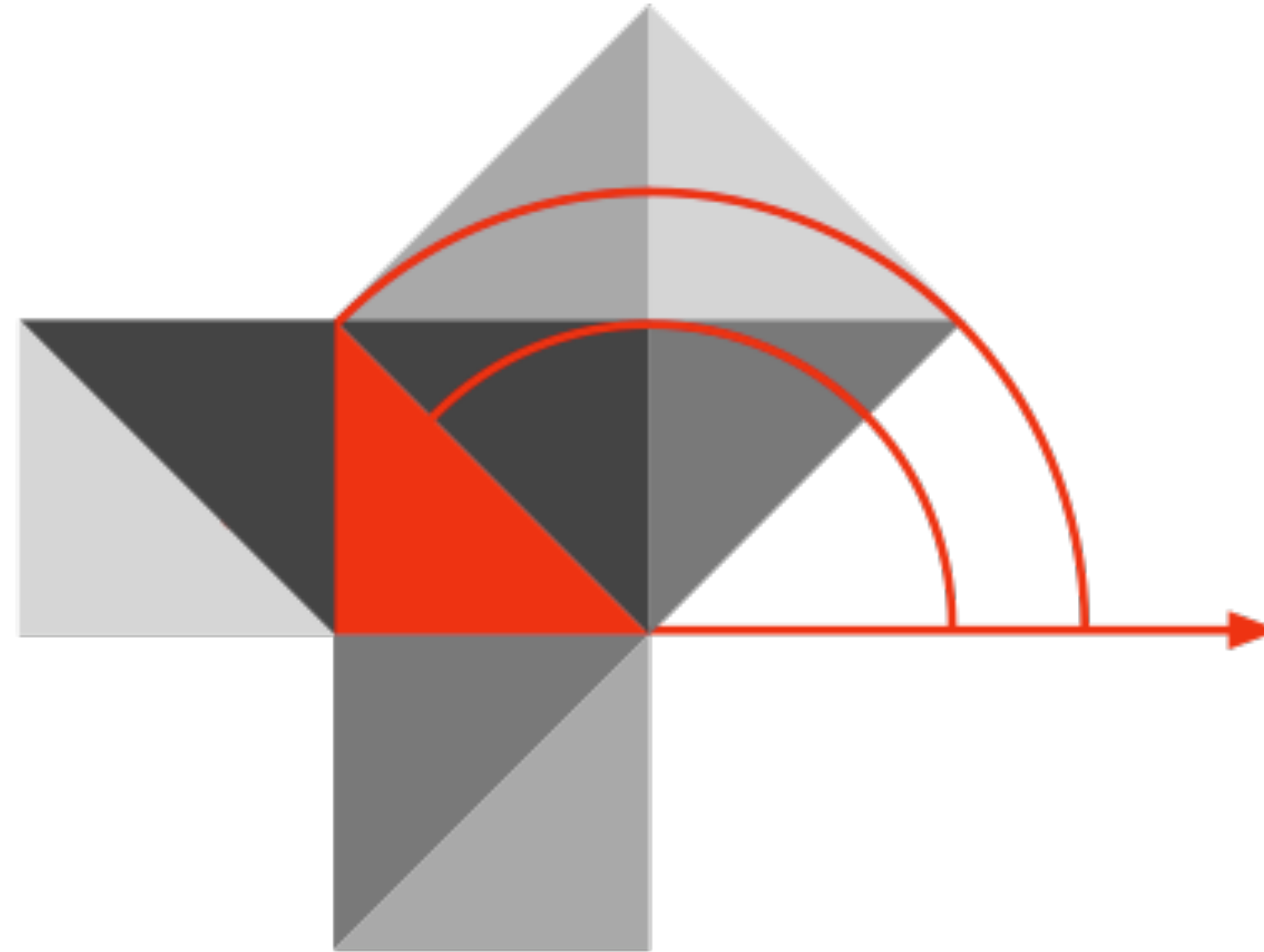
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Hippasus



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