

# SAMR and TPCK: An Introduction

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Ruben R. Puentedura, Ph.D.

**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**

## Redefinition

*Tech allows for the creation of new tasks, previously inconceivable*

## Modification

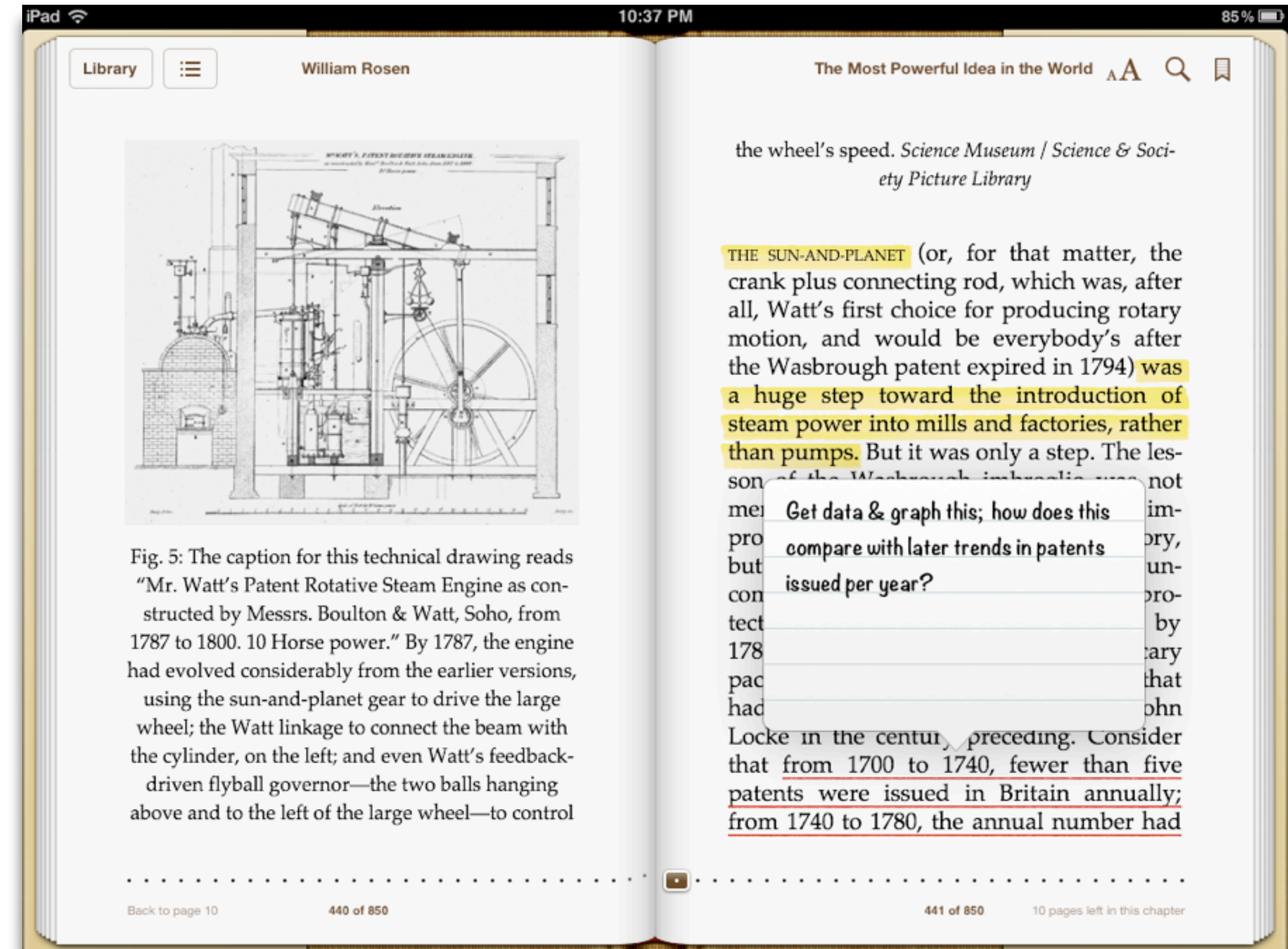
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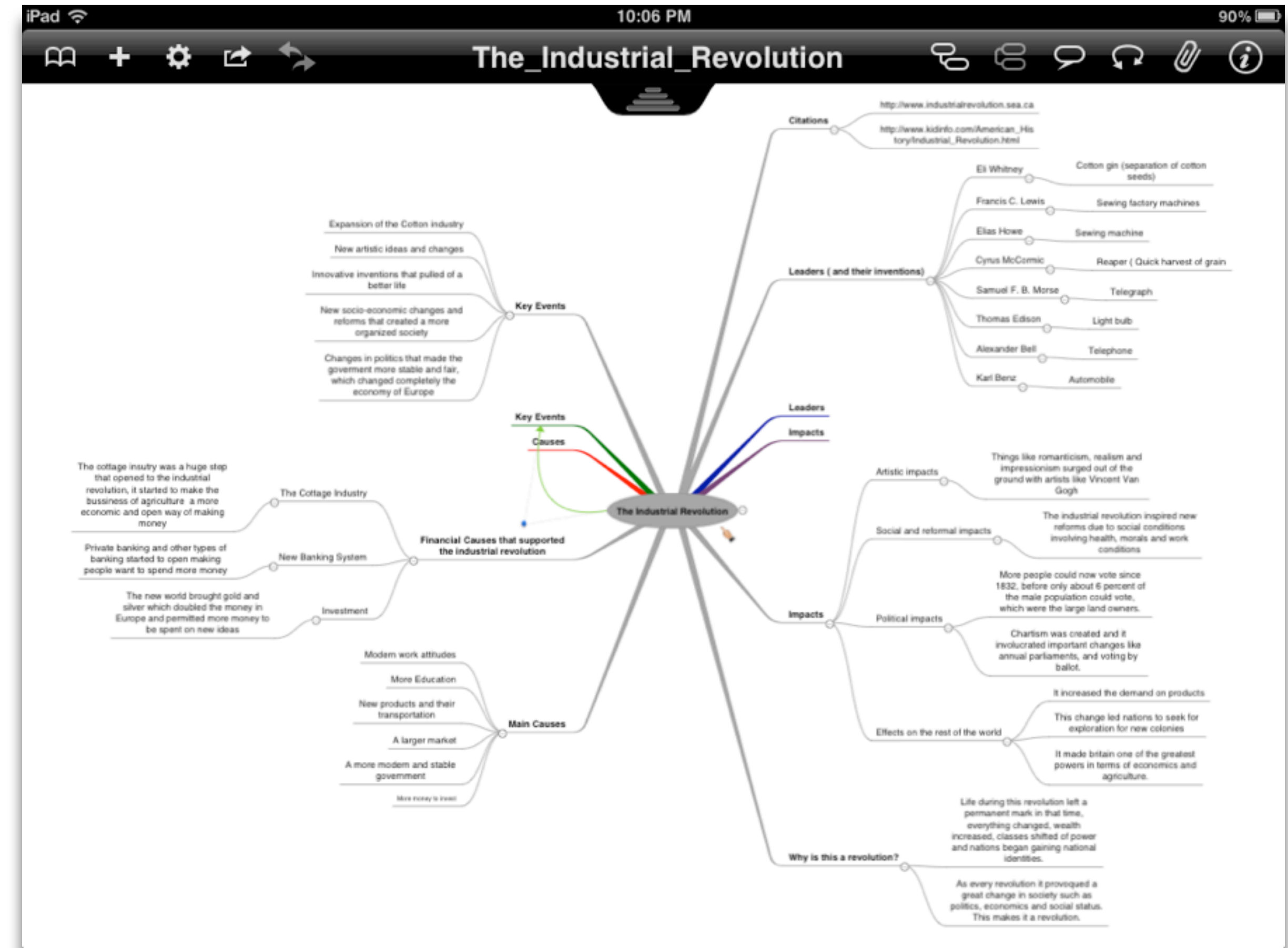
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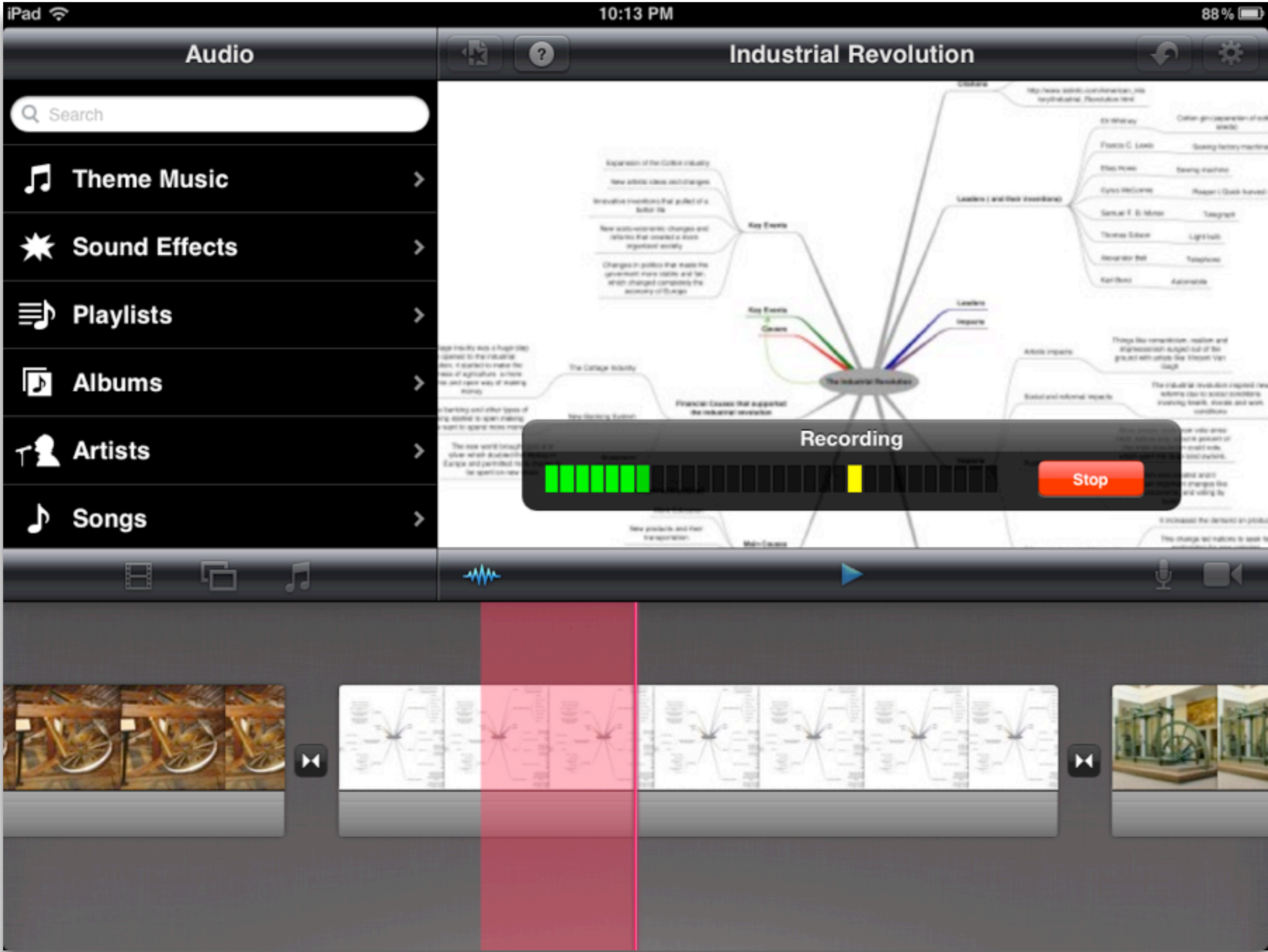
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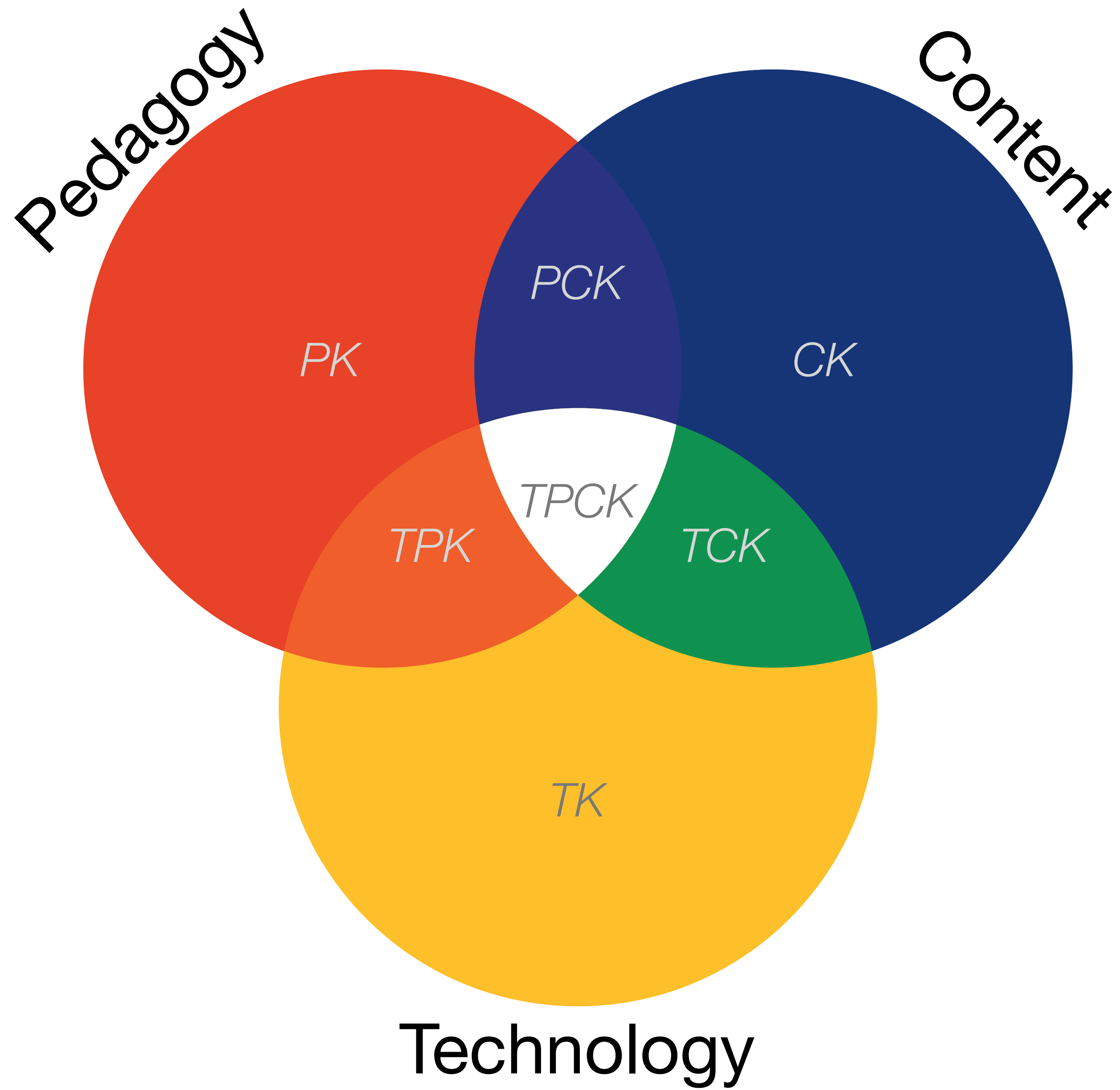
# Augmentation

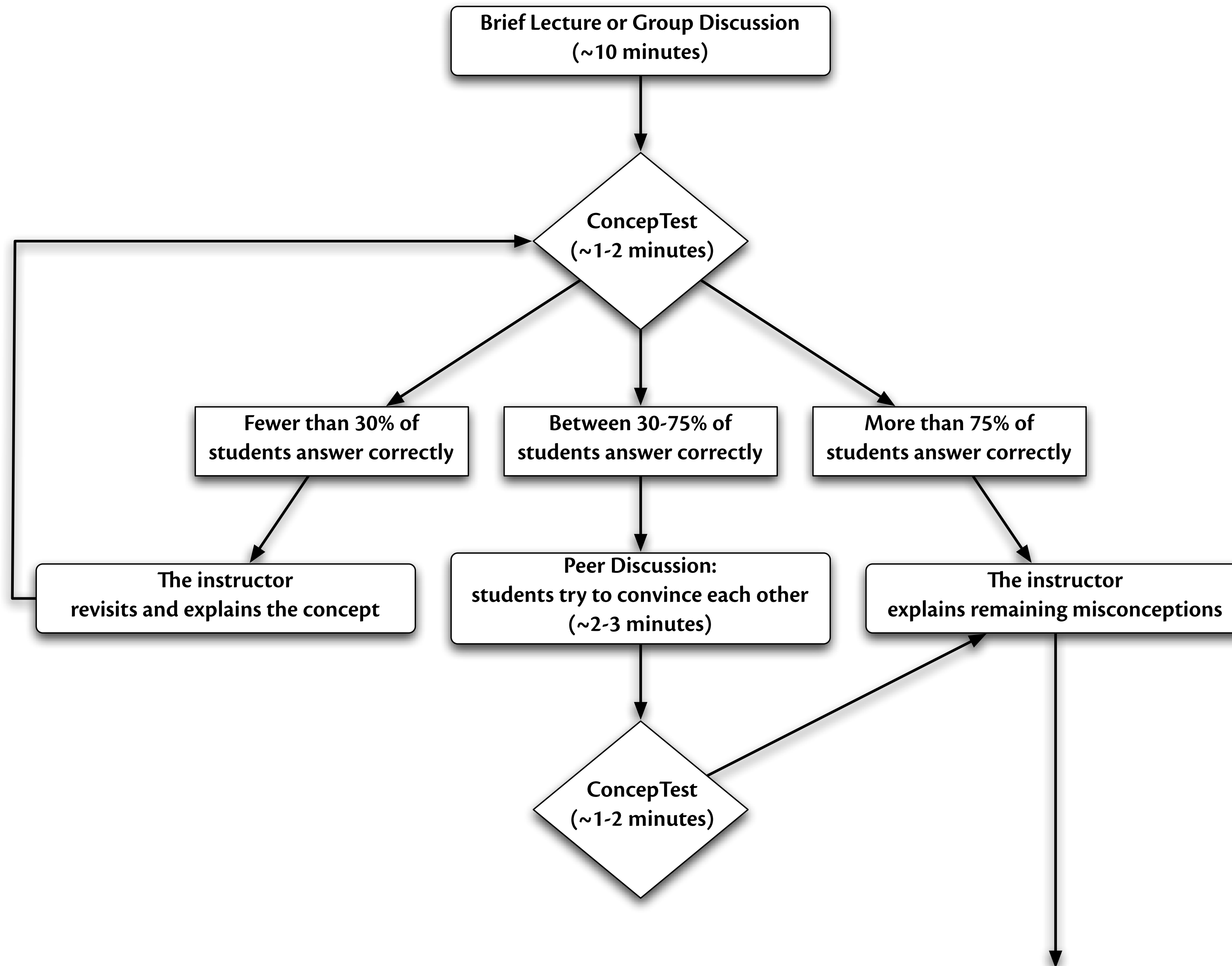
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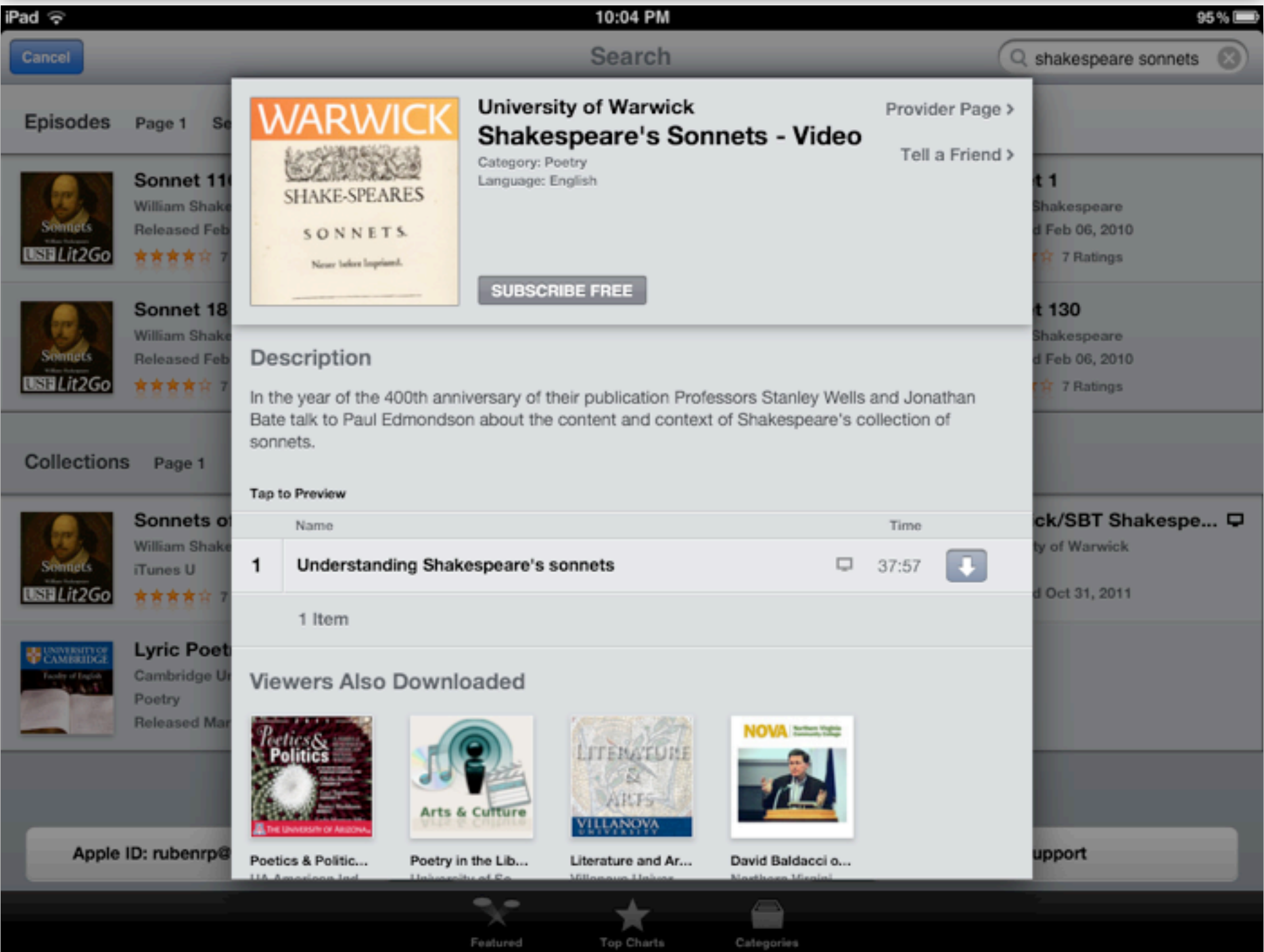
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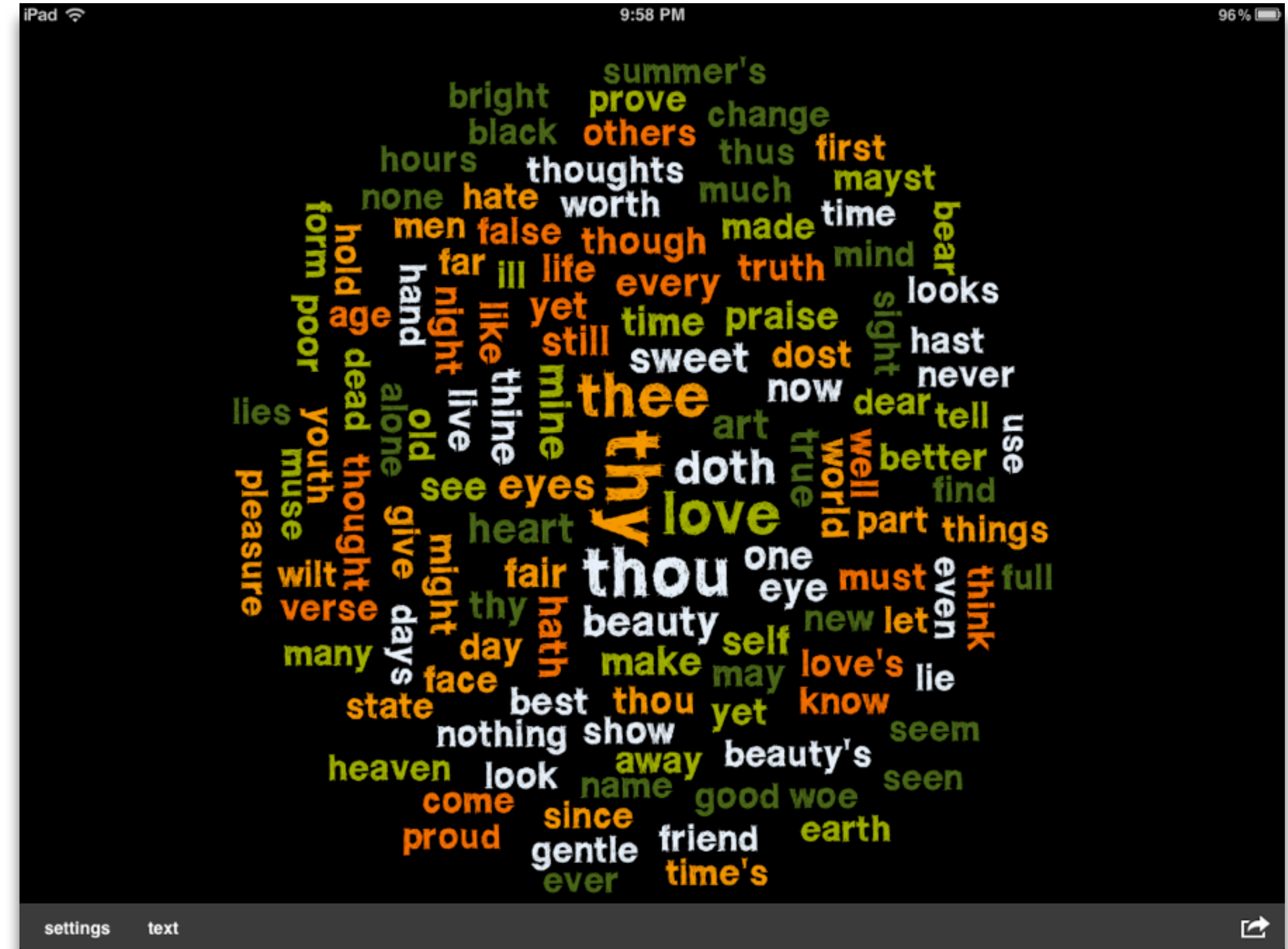


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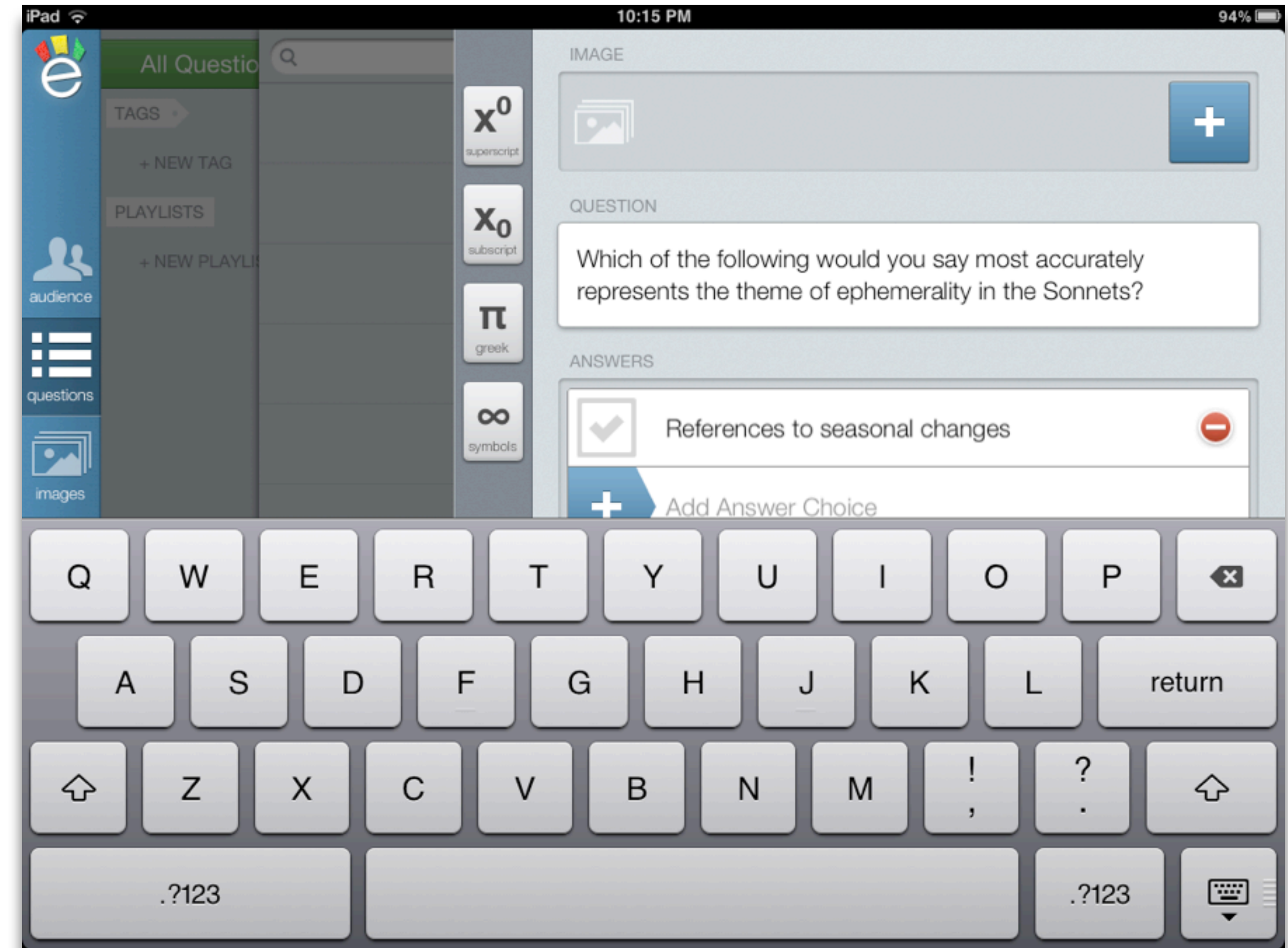
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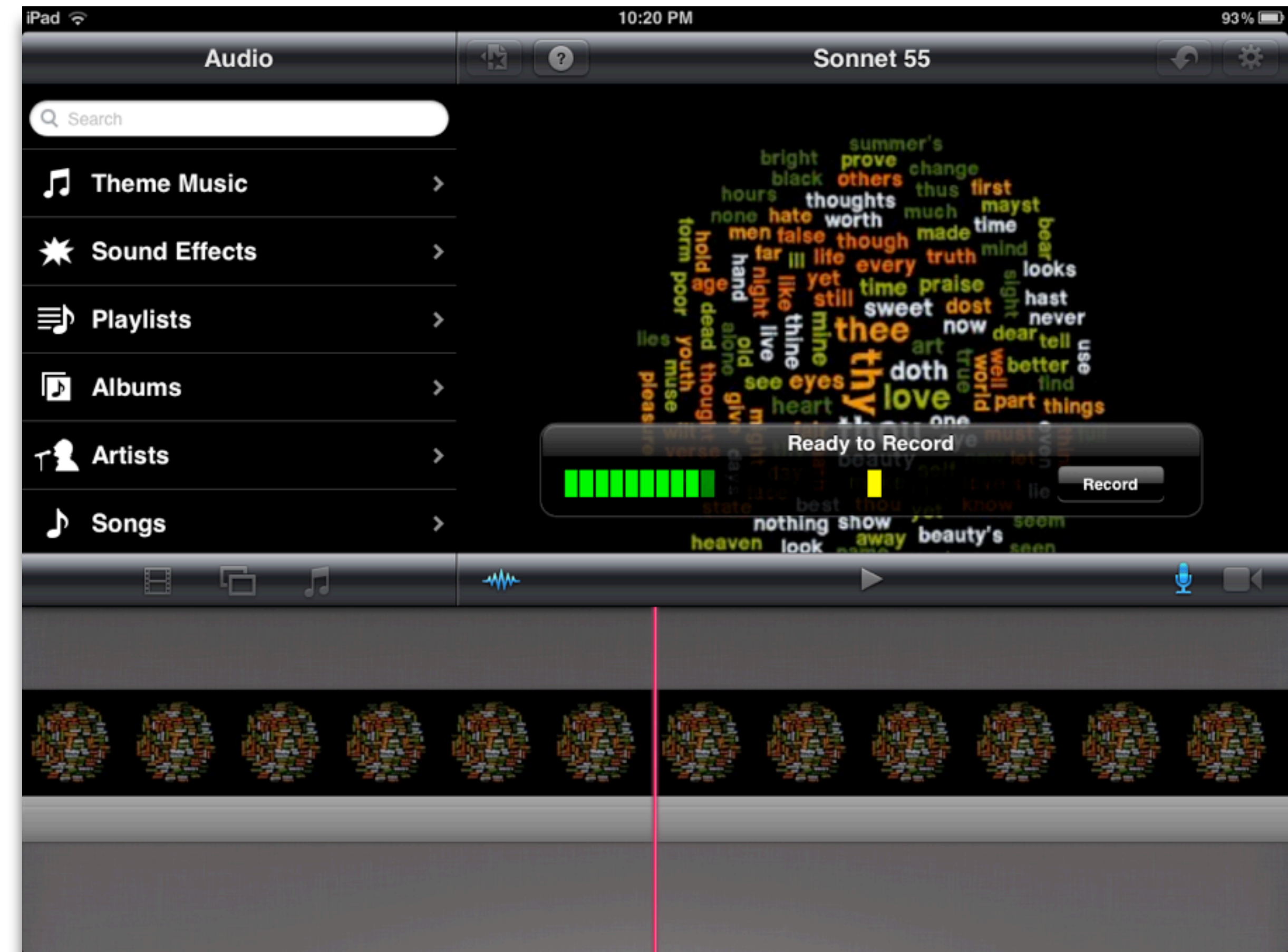
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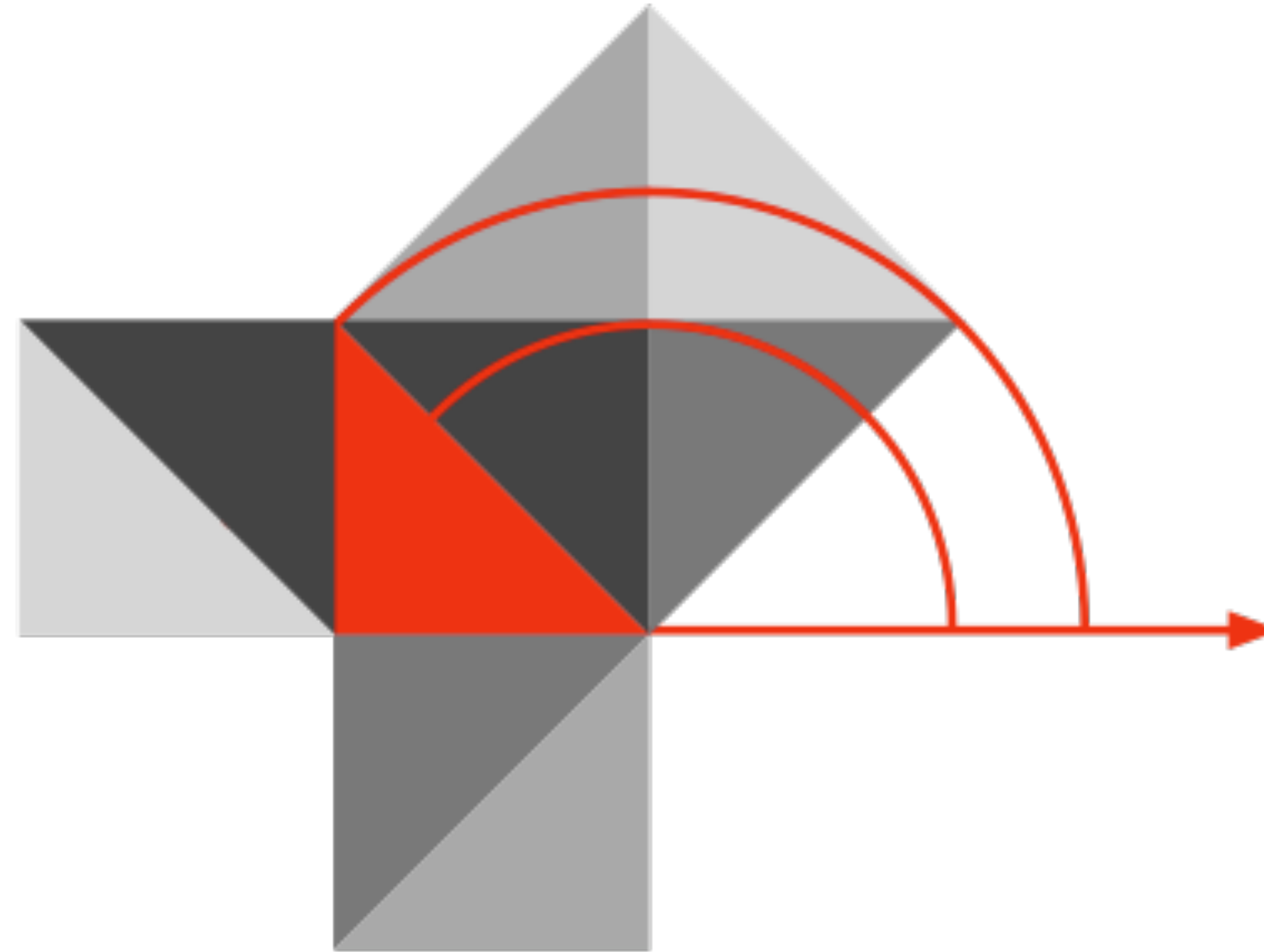
# Resources

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- Seymour Papert, “On Making a Theorem for a Child”. *Proceedings of the ACM National Conference*. Boston (August 1972) Online at: <http://portal.acm.org/citation.cfm?id=569942>
- Ruben R. Puentedura, *Transformation, Technology, and Education*. (2006) Online at: <http://hippasus.com/resources/tte/>
- Ruben R. Puentedura, *As We May Teach: Educational Technology, From Theory Into Practice*. (2009) Online at: <http://tinyurl.com/aswemayteach>
- Punya Mishra & Matthew J. Koehler, “Technological pedagogical content knowledge: A framework for teacher knowledge”. *Teachers College Record*, 108(6). (2006) Online at: [http://mkoehler.educ.msu.edu/OtherPages/Koehler\\_Pubs/TECH\\_BY\\_DESIGN/TCRecord/mishra\\_koehler\\_tcr2006.pdf](http://mkoehler.educ.msu.edu/OtherPages/Koehler_Pubs/TECH_BY_DESIGN/TCRecord/mishra_koehler_tcr2006.pdf)
- *TPCK - Technological Pedagogical Content Knowledge*. Online at: <http://tpack.org>
- AACTE (Eds.) *The Handbook of Technological Pedagogical Content Knowledge for Educators*. Routledge. (2008)
- Eric Mazur, *Peer Instruction - A User's Manual*. Prentice Hall. (1997)

# Hippasus

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