

Tools for Redefinition: Roles as Teachers, Roles as School Leaders

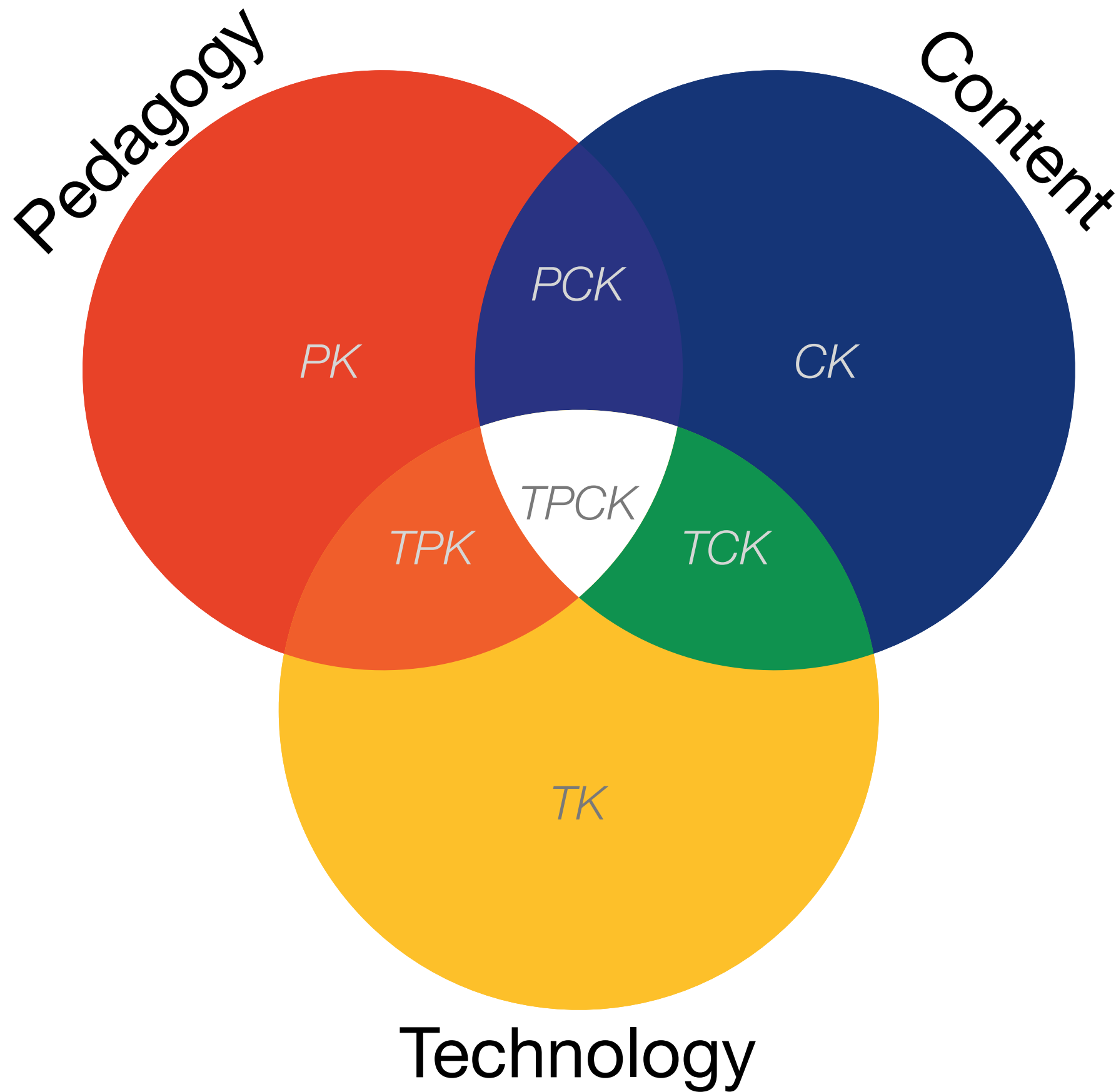
Ruben R. Puentedura, Ph.D.

Steps for Today's Workshop

- Introduction (10 minutes)
- Choosing a topic + TPCCK resources (10 minutes)
 - Groups of 10
- Building a SAMR ladder (40 minutes)
 - 2 Subgroups of 5
- Reporting to the group (30 minutes)

Selecting a Content Area

- A topic that you are passionate about, and is central to your subject area – *or*
- A topic that seems to always prove difficult and confusing to students – *or*
- A topic that is foundational, either in your subject area or across multiple subject areas



More Information: <http://tpck.org/>

Transformation

Redefinition

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

Modification

Tech allows for significant task redesign

Enhancement

Augmentation

*Tech acts as a direct tool substitute, with
functional improvement*

Substitution

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

Literacy and Vocabulary

Marzano: Six Steps to Effective Vocabulary Instruction

- Step 1: The Teacher Provides a Description, Explanation, or Example of the New Term
- Step 2: Students Restate the Explanation of the New Term in Their Own Words
- Step 3: Students Create a Nonlinguistic Representation of the Term
- Step 4: Students Periodically Do Activities That Help Them Add to Their Knowledge of Vocabulary Terms
- Step 5: Periodically Students Are Asked to Discuss the Terms with One Another
- Step 6: Periodically Students Are Involved in Games That Allow Them to Play with the Terms

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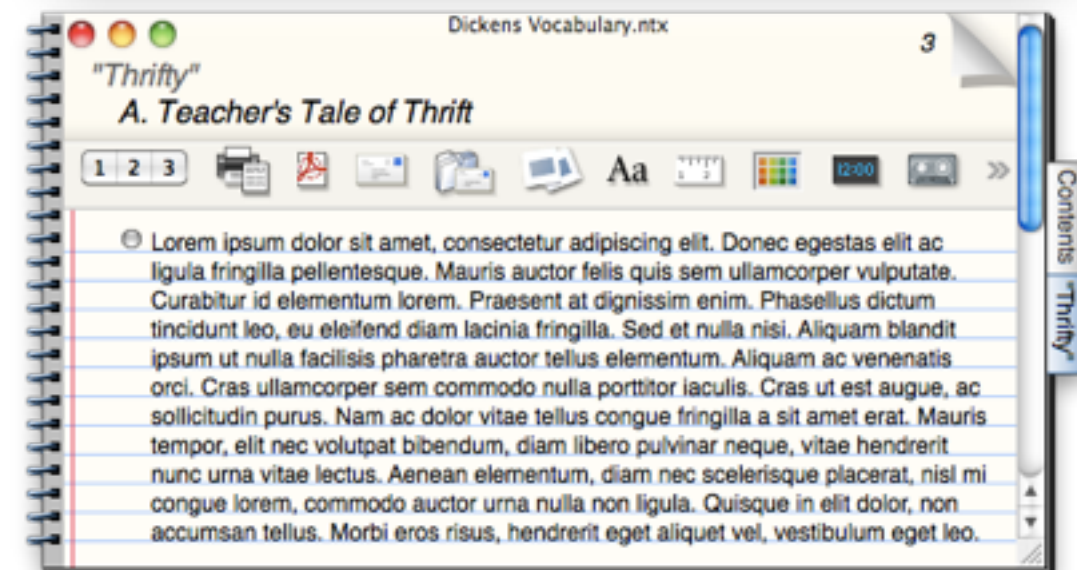
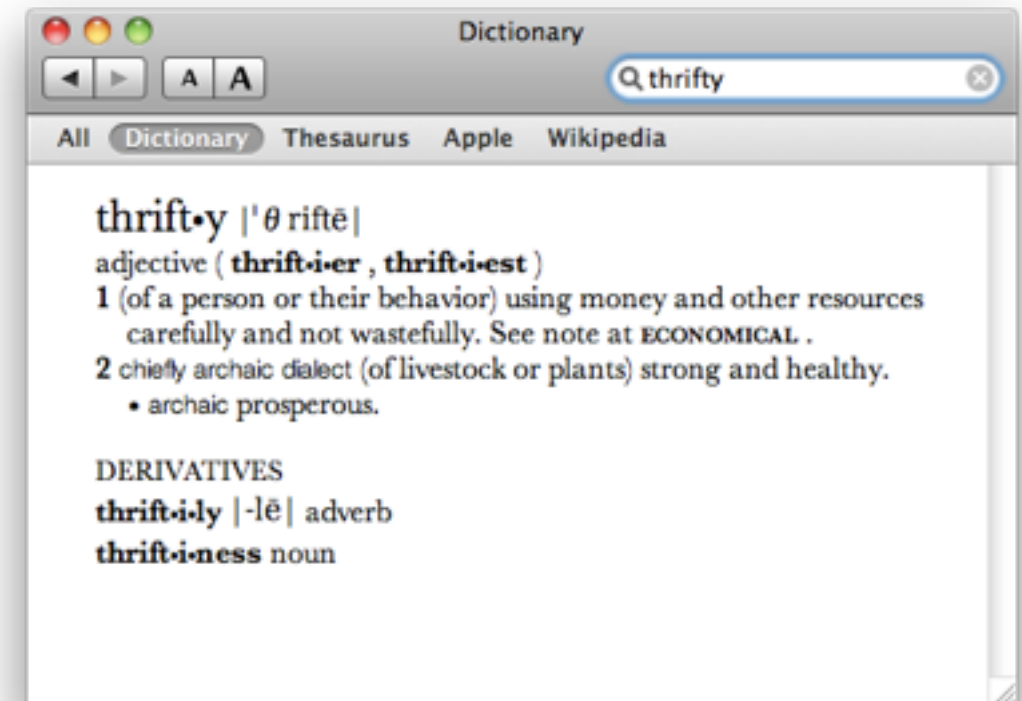
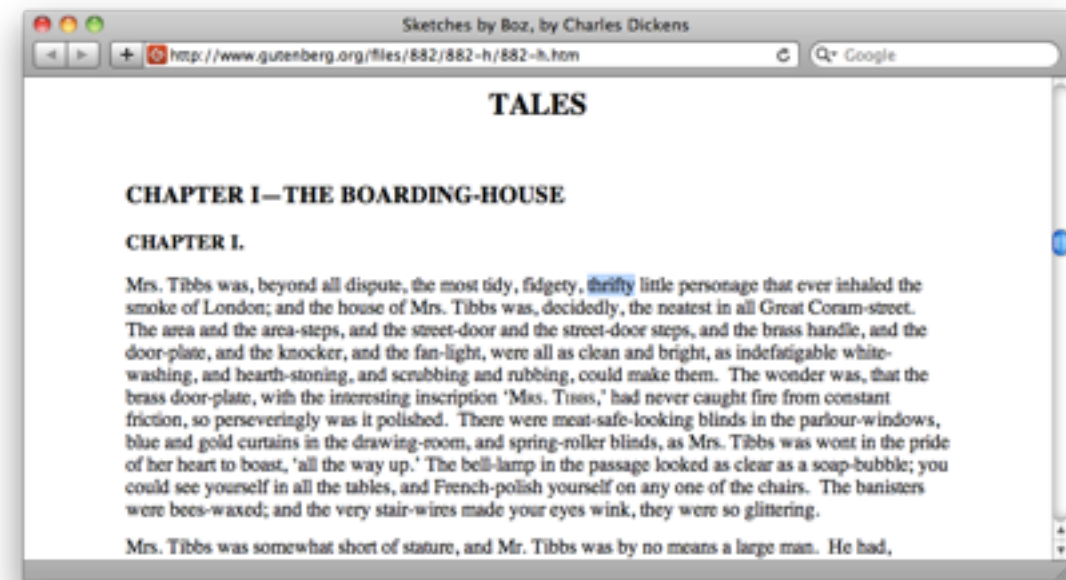
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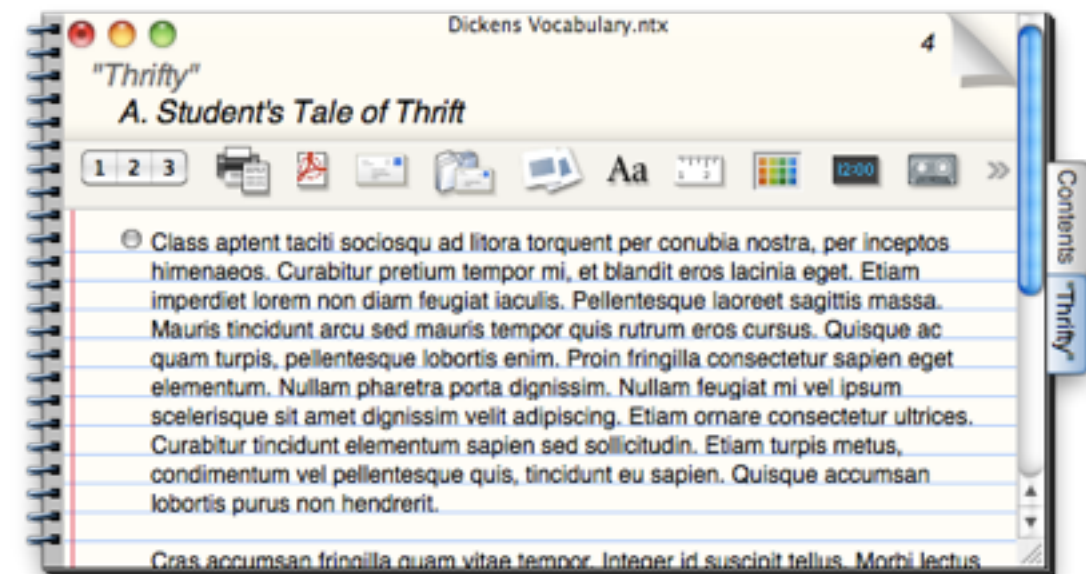
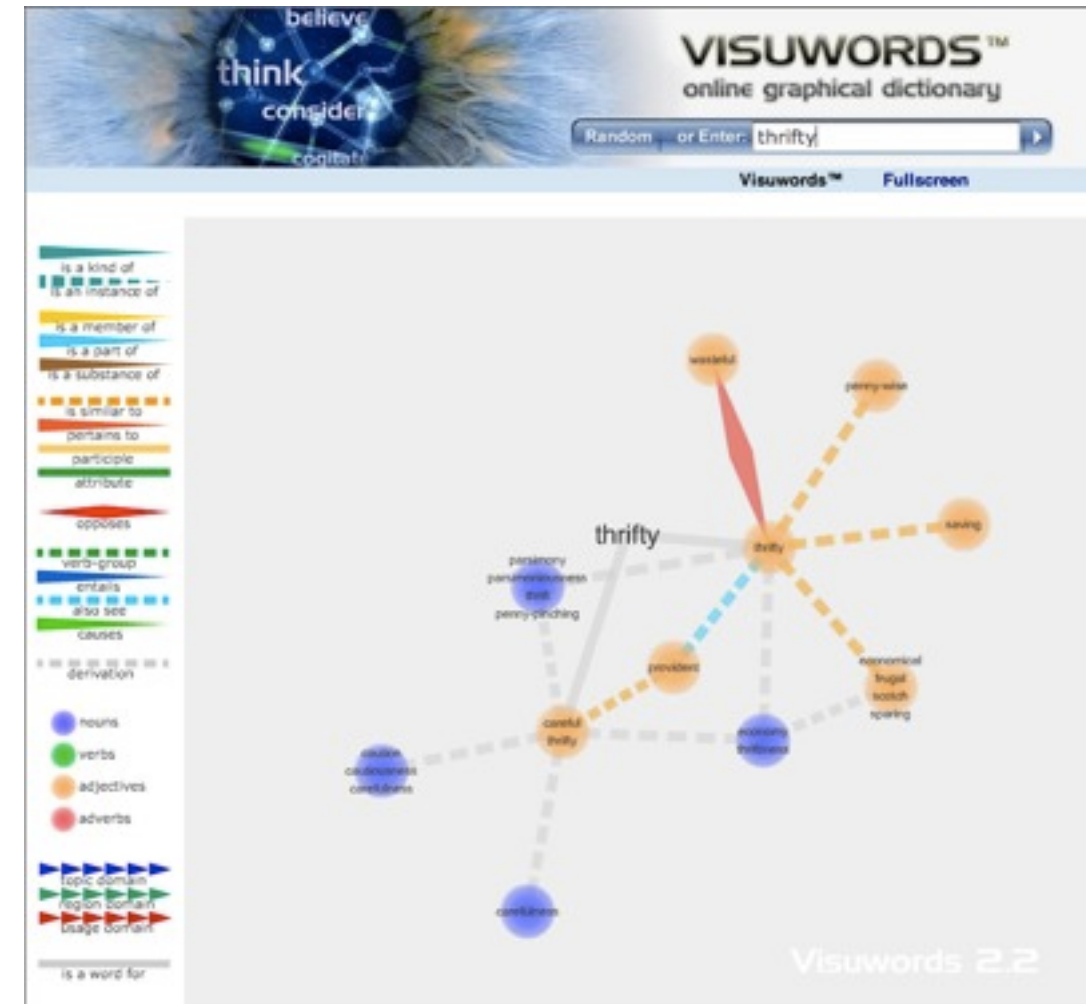
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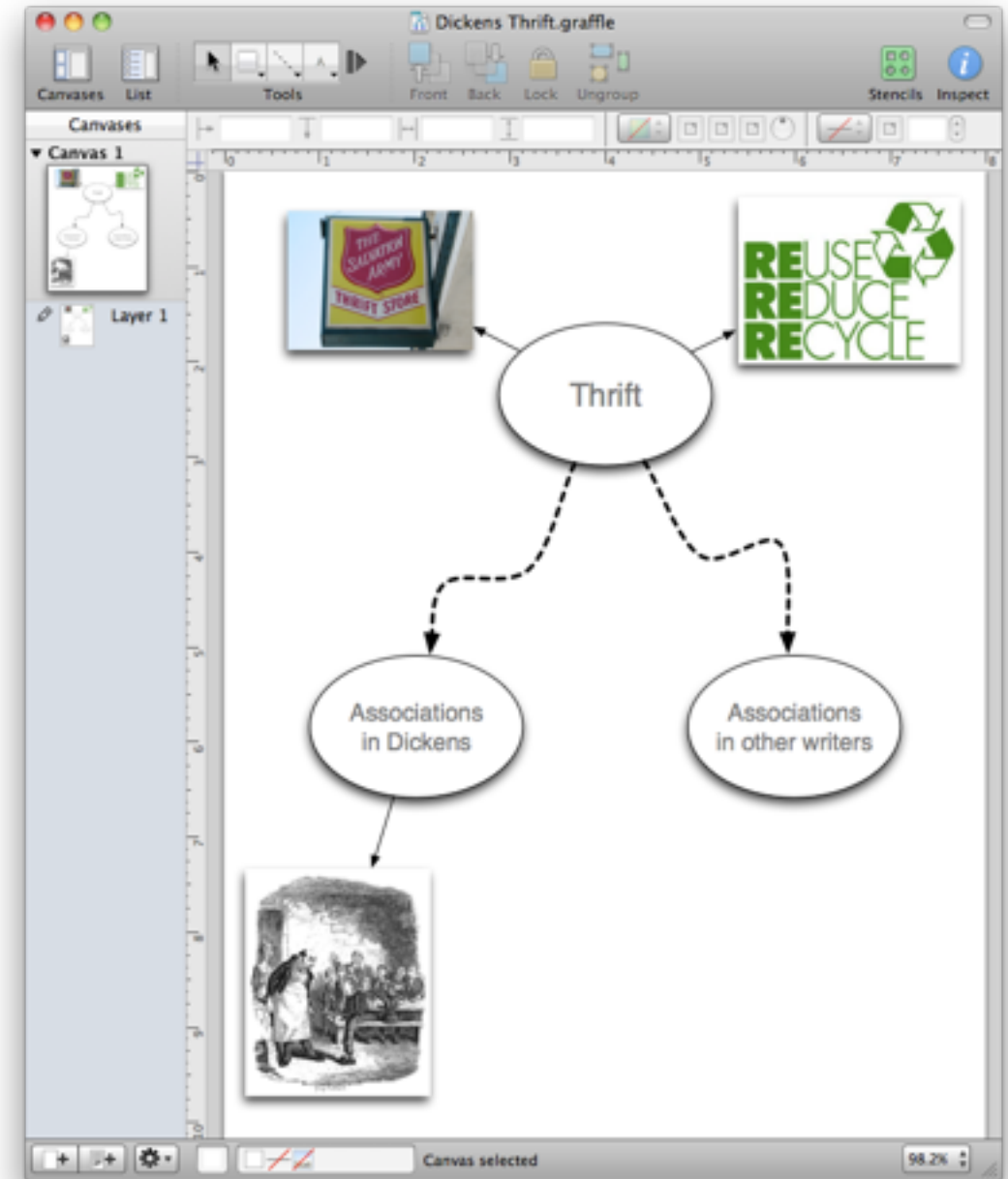
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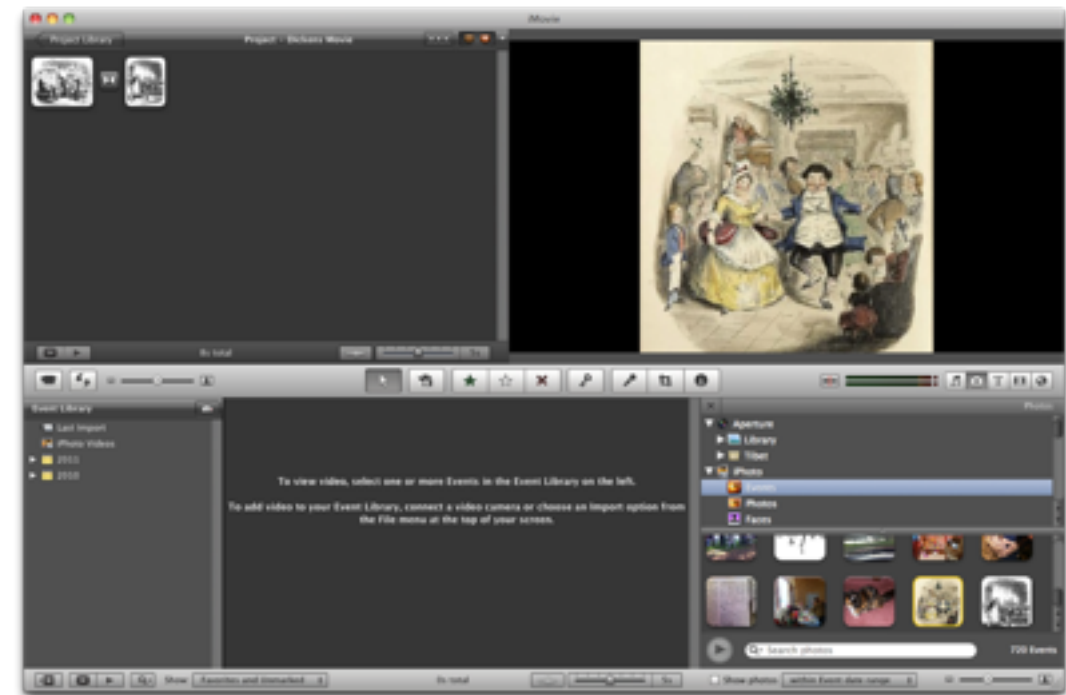
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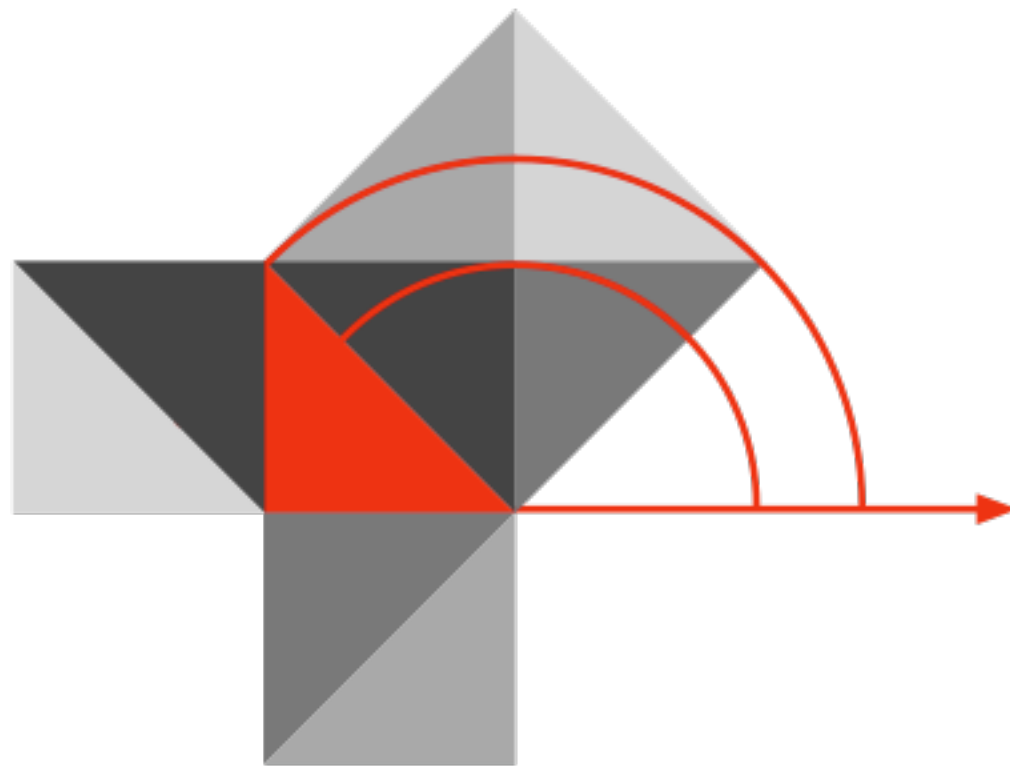
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The SAMR Ladder: Questions and Transitions

- **Substitution:**
 - What will I gain by replacing the older technology with the new technology?
- **Substitution to Augmentation:**
 - Have I added a feature to the task process that could not be done with the older technology at a fundamental level?
 - How does this feature contribute to my design?
- **Augmentation to Modification:**
 - How is the original task being modified?
 - Does this modification depend upon the new technology?
 - How does this modification contribute to my design?
- **Modification to Redefinition:**
 - What is the new task?
 - Will it replace or supplement older tasks?
 - How is it uniquely made possible by the new technology?
 - How does it contribute to my design?

Hippasus



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