Technology In Education: A Leadership Perspective

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Augmenting Human Intellect & Learning Capacity

21st Century Learning

One-to-One Technologies
Substitution
Tech acts as a direct tool substitute, with no functional change

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

Modification
Tech allows for significant task redesign

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

Transformation
Podcasts on iTunes U: http://tinyurl.com/aswemayteach
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AACTE (Eds.) The Handbook of Technological Pedagogical Content Knowledge for Educators. New York: Routledge, 2008.
Does the question represent an important issue to historical and contemporary times?

- Is the question debatable?
- Does the question represent a reasonable amount of content?
  - Will the question hold the interest of students?
  - Is the question appropriate given the materials available?
- Is the question challenging for the students you are teaching?

History – Guiding Criteria


<table>
<thead>
<tr>
<th>Social</th>
<th>Mobility</th>
<th>Visualization</th>
<th>Storytelling</th>
<th>Gaming</th>
</tr>
</thead>
<tbody>
<tr>
<td>200,000 years</td>
<td>70,000 years</td>
<td>40,000 years</td>
<td>17,000 years</td>
<td>8,000 years</td>
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</tbody>
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Scholarly Primitives:
- Discovering
- Annotating
- Comparing
- Referring
- Sampling
- Illustrating
- Representing