SAMR: Context and Examples

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Augmenting Human Intellect & Learning Capacity

One-to-One Technologies
AS WE MAY THINK

a research center for augmenting human intellect

ON MAKING A THEOREM FOR A CHILD

TO POLY :ANGLE :STEP
1. FORWARD :STEP
2. RIGHT :ANGLE
3. POLY :ANGLE ;STEP
END

A Personal Computer for Children of All Ages

SQUARE
POLY 200 90

TRIANGLE
POLY 300 120

HEXAGON
POLY 125 60
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

Enhancement

Transformation
<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>
</tr>
</tbody>
</table>

![Images of prehistoric artifacts and cave paintings representing milestones in social mobility.](image-url)
Gersmehl:
Teaching Geography – Four Cornerstones

• Location
  • Position in space

• Condition
  • Mix of natural & artificial features that give meaning to a location

• Links
  • Connections between places

• Region
  • Formal region: group of places with similar conditions
  • Functional region: group of places linked together by a flow
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Resources

- TPCK - Technological Pedagogical Content Knowledge. Online at: http://tpack.org