Encouraging Personalization and Autonomy through SAMR Redefinition of Technology in Education

NERALLT 2015
Anna Iacovella
Yale University
anna.iacovella@yale.edu
SAMR Model

- “…Computer technology becomes more important in the classroom but at the same time becomes more invisibly woven into the demands of good teaching and learning”

Dr. Ruben Puente­dura  http://www.hippasus.com/
SAMR

- SAMR: **Substitution Augmentation Modification Redefinition** Model offers a method of seeing how computer technology might impact teaching and learning. It is a model designed to help educators infuse technology into teaching and learning. Popularized by Dr. Ruben Puentedura, the model supports and enables teachers to design, develop, and infuse digital learning experiences that utilize technology. The goal is to transform learning experiences so they result in higher levels of achievement for students.

Teachers create tasks that target the higher-order cognitive skills (Bloom's) as well as design tasks that have a significant impact on their outcomes (SAMR).
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
SAMR redefined and adapted

- The **SAMR** model offers great opportunities to instructors and learners.

- The educational technology can enhance learners progress.
Re-definition

- Computer technology allows for new tasks that were previously inconceivable
- Students create a documentary video answering an essential question related to important concepts
Projects in & out of classroom

- Use of Ipads Minis regularly in and out of class:
  - Glossary with WordReference.com and Reverso.net
  - News and discussion with LaRepubblica.it & other on line news
  - Literature and authors with Google.it
  - Music and videos & lyrics Youtube.com, Youtube.it, angolotesti.it
  - Adobe Voice: personalization for projects
Italian Intermediate Projects

- https://voice.adobe.com/v/NkdGUQhPNTE
- https://voice.adobe.com/v/KVyy_EeIVd7
- https://voice.adobe.com/a/20nxP/
- https://voice.adobe.com/a/W98BK/
SAMR expansion

- At glance research for vocabulary
- Most updated events on global scale
- Research authors and literary texts
- History, music, art, and culture topics
- Additional Presentations and Discussion on any preferred topic
Conclusion

- SAMR model expanded and redefined is valuable spring board to support a language learning environment

Grazie!