

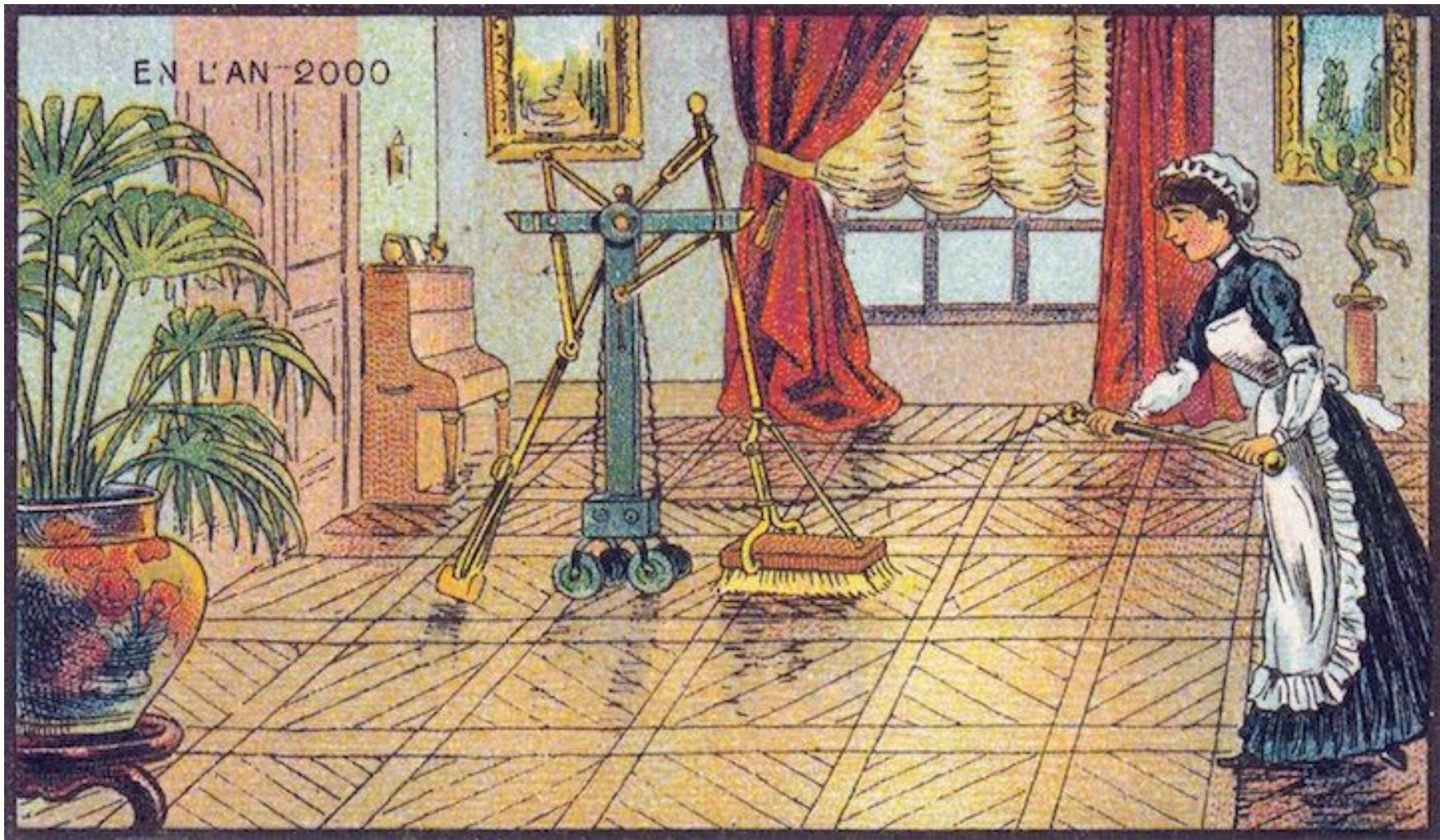


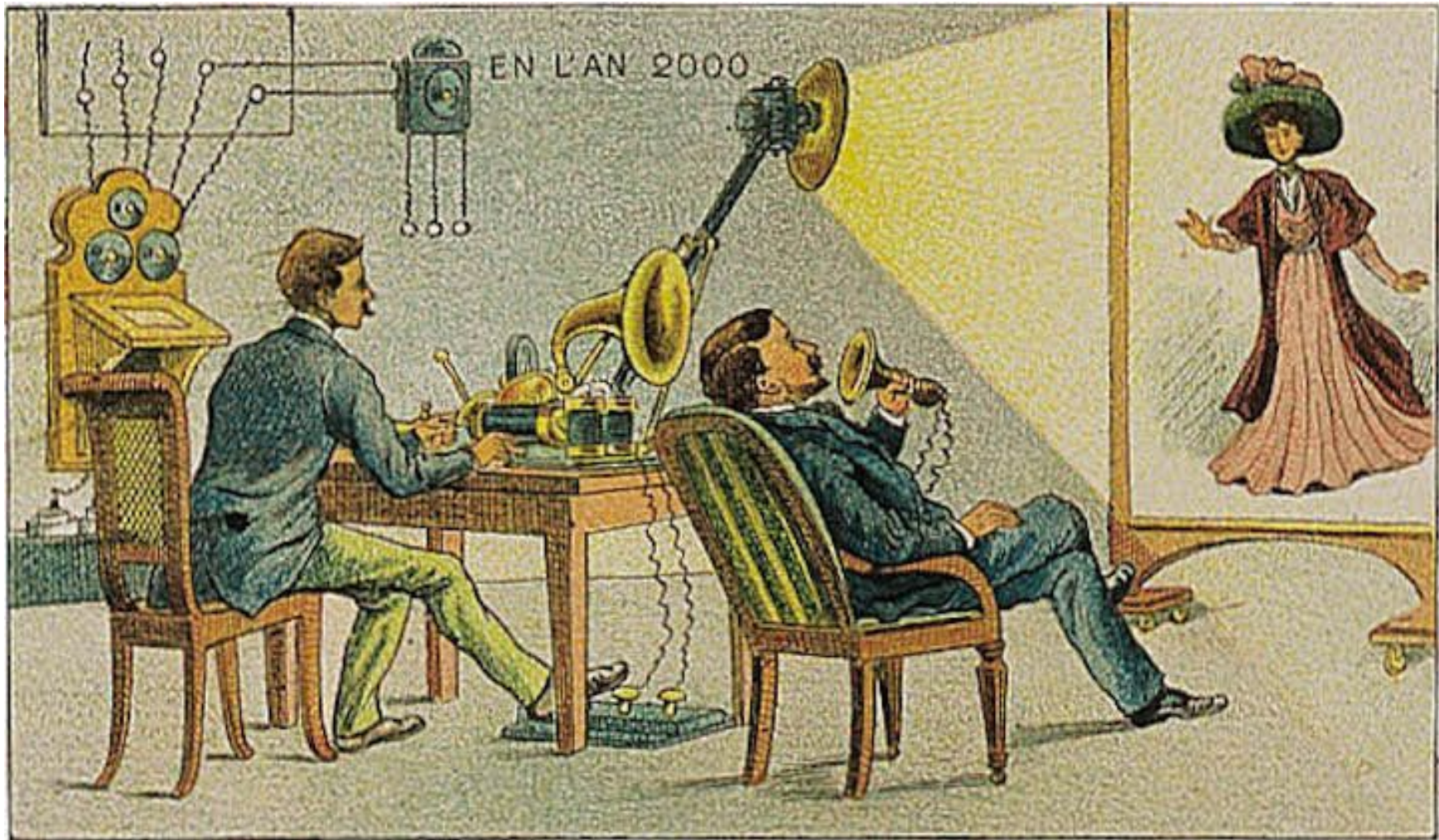
Learning in 2020

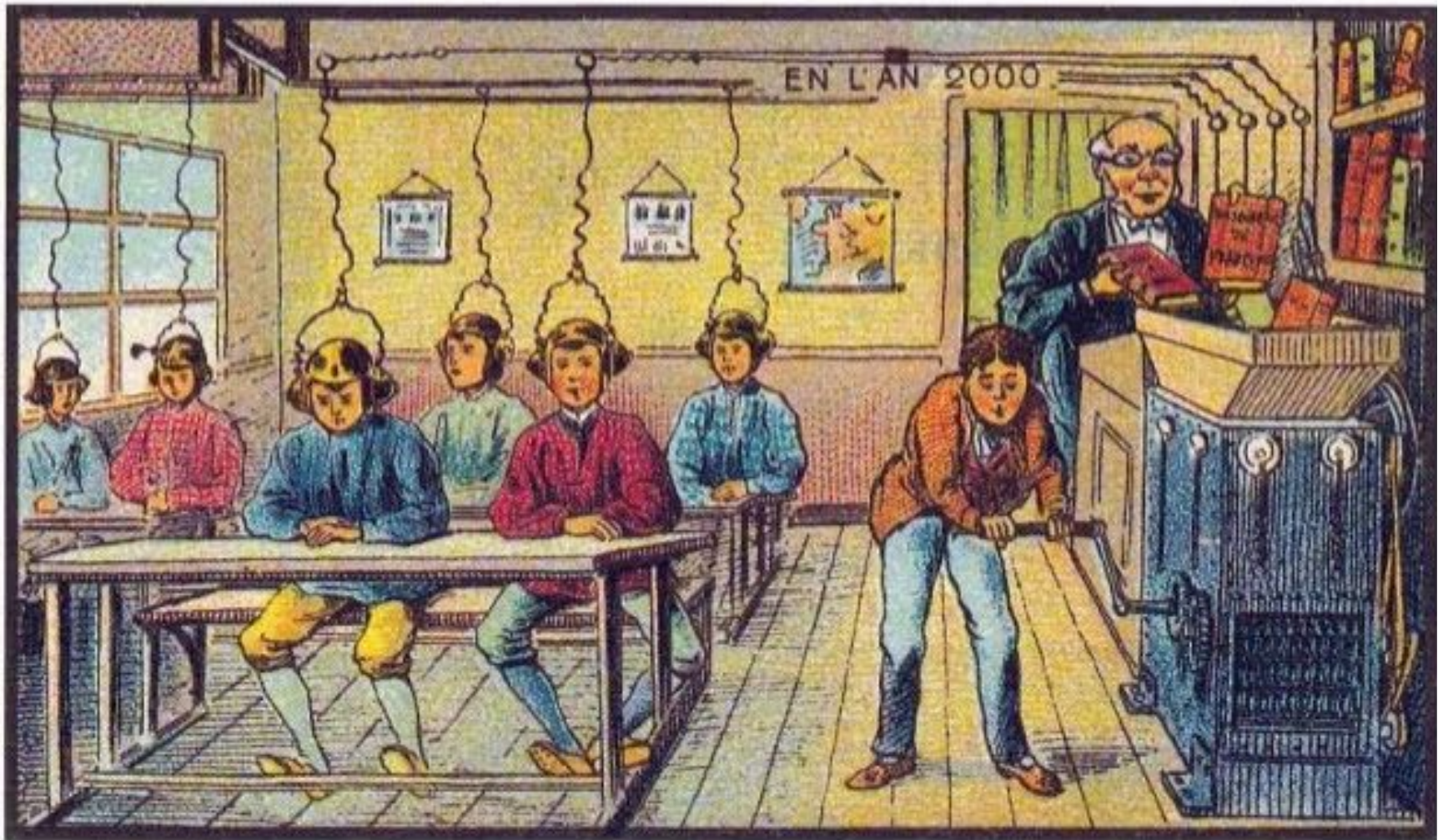
Satu Järvinen



2020 Learning Context







“Industry 2020”



Online or Distant?

Online teaching & learning

One form of distance learning

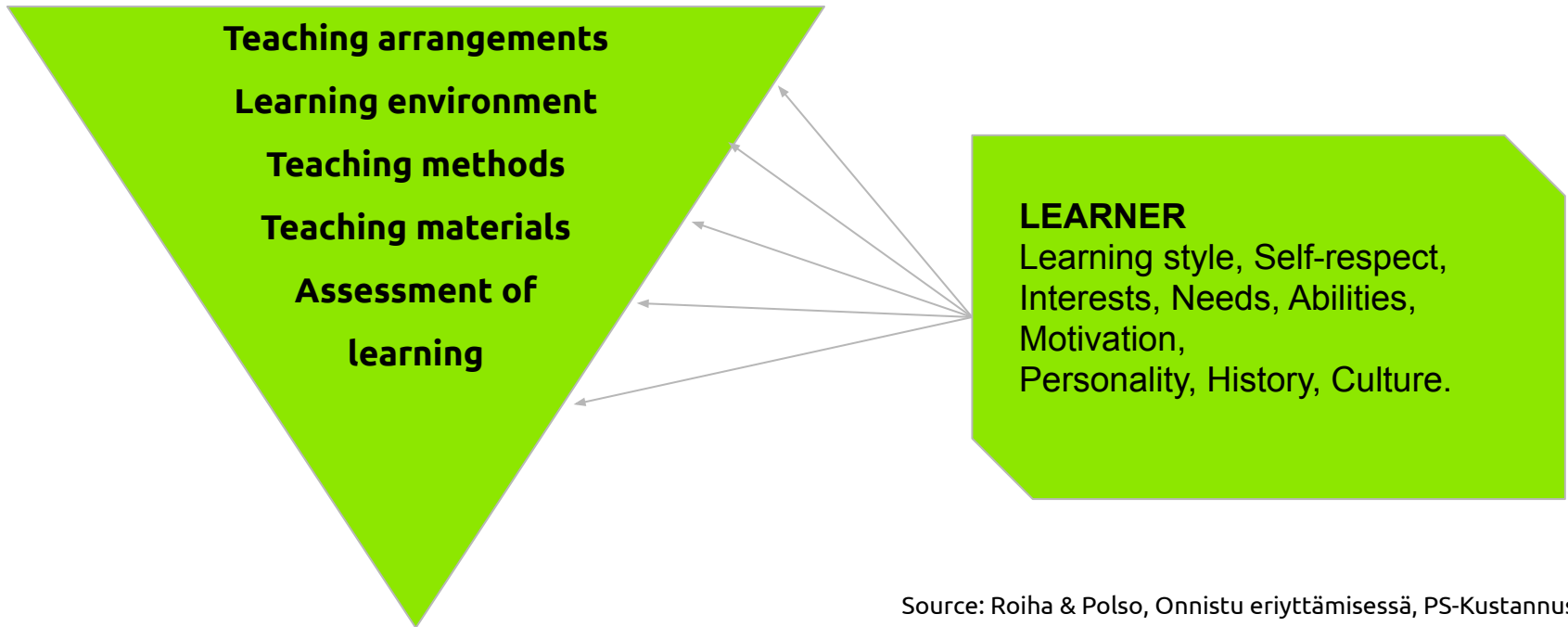
Distance learning is a form of learning that takes place **at a distance and not in a traditional classroom.**



Distance Learning Principles

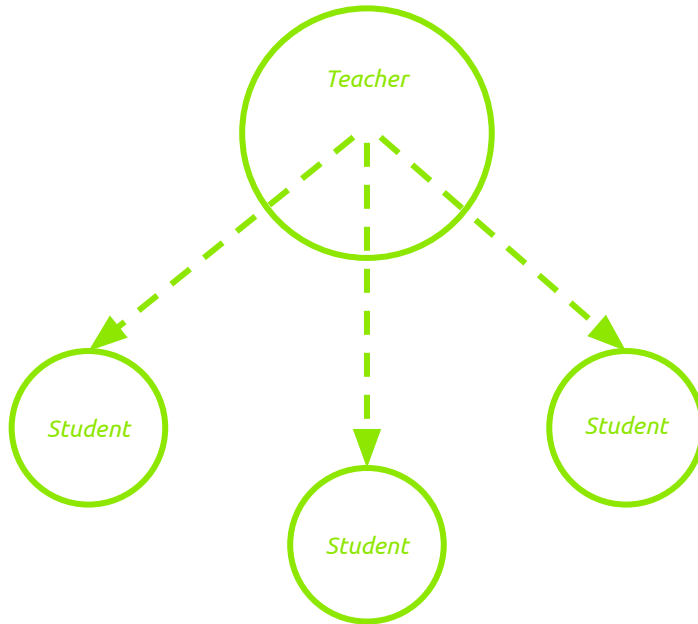
- learners have the **tools** to **complete assignments** and **communicate** with the teacher
- learners are **informed** of tasks and completion schedule
- learners have a way to communicate with the teacher
 - Receive and return tasks
 - Receive guidance to complete tasks
 - Ask for support in challenging moments
- learners receive **advice and feedback** from the teacher on their work.
- **Assessment** focuses on the learning process

Considerations in education planning

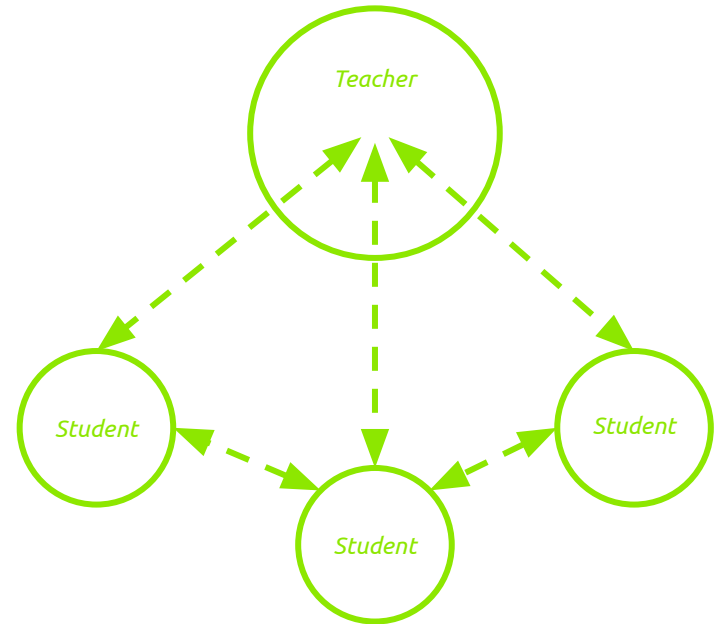


Flow of information

Teaching



Facilitating



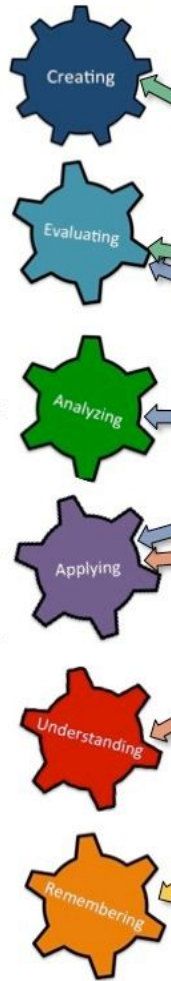
Planning Online Learning

Created by Dr. Ruben Puentedura, the SAMR model categorizes four different degrees for technology integration to education.

Educator designs a task that targets a higher-order cognitive skill level

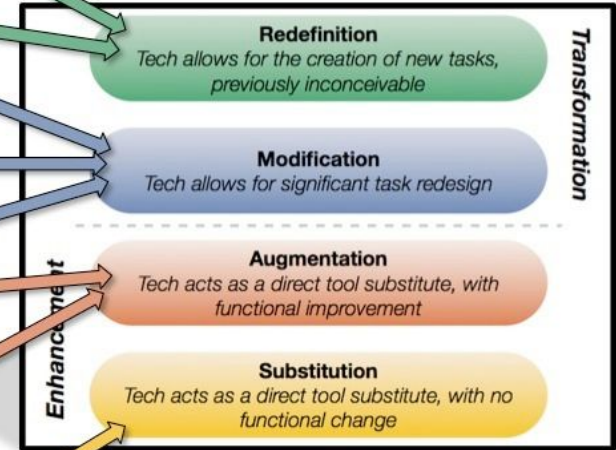
BLOOM'S

<http://schrockguide.net/bloomin-apps.html>



Educator designs a task that has a significant impact on student outcomes

SAMR



<http://www.hippasus.com/rrpweblog>

Developed by Kathy Schrock
November 2013



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Inspired by the work of Andrew Churches and Loui Lord Nelson

Substitution

REDEFINITION

Technology allows the creation of previously impossible tasks

MODIFICATION

Technology not only enhances the learning activity, it also significantly transforms it.

AUGMENTATION

Technology still acts as a direct tool substitute, but with functional improvements.

SUBSTITUTION

Technology acts as a direct tool substitute, with no functional change

*Writing on a computer
instead of writing on paper*

Augmentation

Adding images and videos to your writing assignment

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Modification

Students work collaboratively on a shared document

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Redefinition

Instead of writing, students share their analytical thoughts via various tools (videos, audio, pictures...)

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**“What we learn
without joy we
forget without
grief”**

- Finnish Proverb

Thank You!

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