Traditional Class Structure
- In-class
- Out-of-class

Flipped Classrooms

Online Courses
- Traditional
- MOOCs

Hybrid/Blended Courses
- some students online/distance, some f2f
- some content online, some f2f

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(Modified) Traditional Class Structure

Before Class

Class Prep. (e.g., reading)

During Class

Gathering

1st/2nd Exposure

Active Learning

Wrap-up

After Class
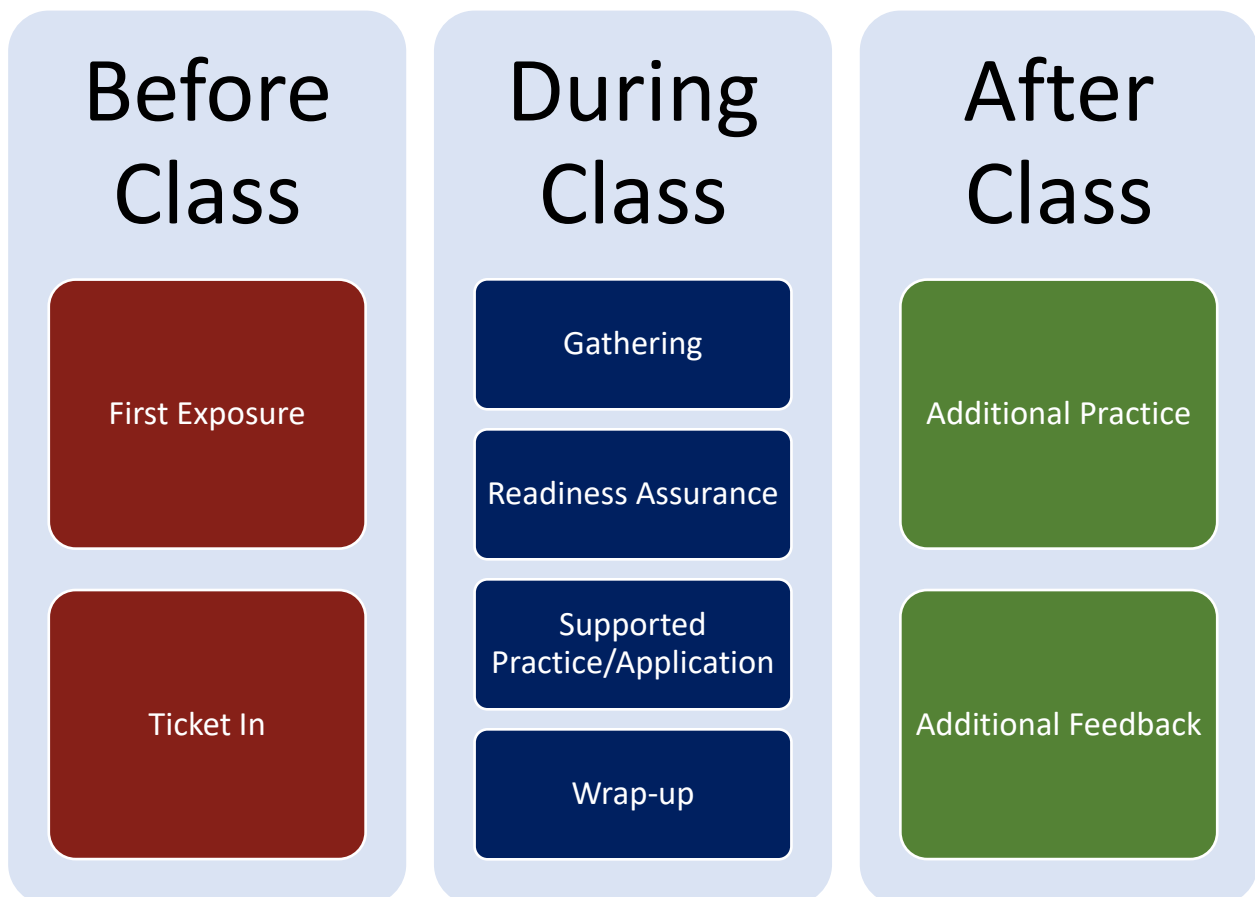
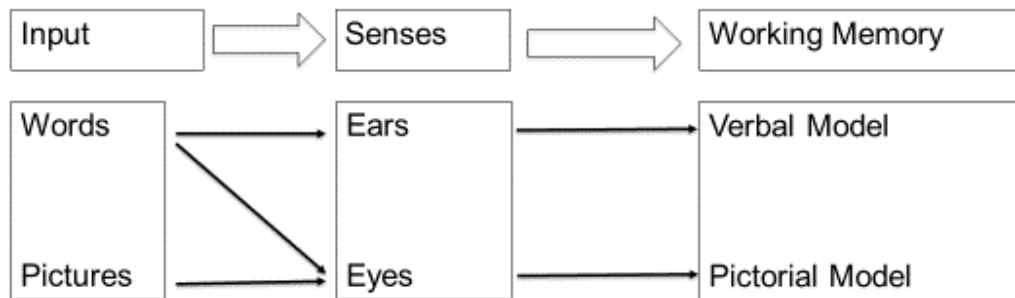Skills Practice & Application

Feedback

(Modified) Traditional Class Structure
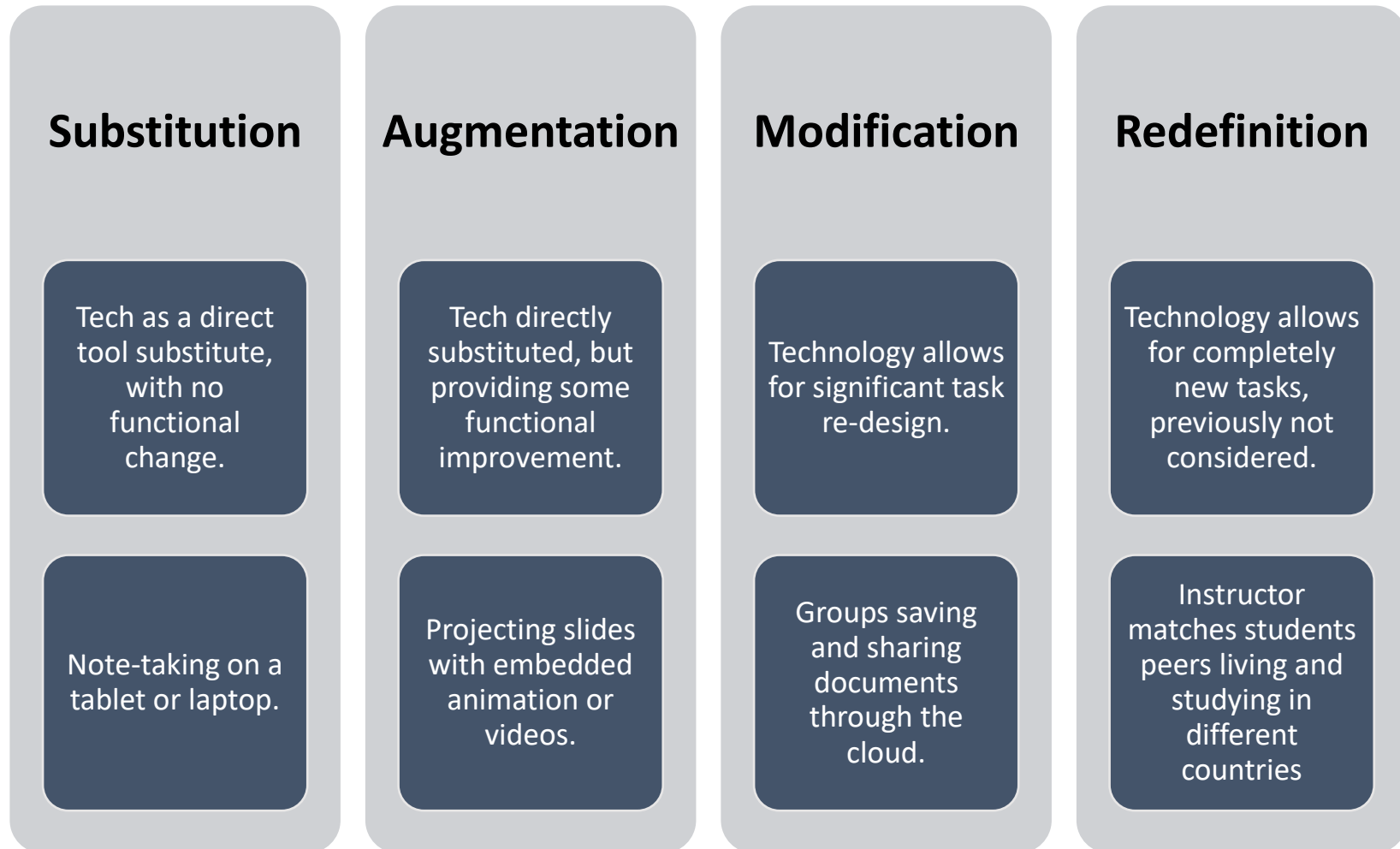
Basic Structure of the Flipped Class

Before Class

First Exposure

Ticket In

During Class

Gathering

Readiness Assurance

Supported Practice/Application

Wrap-up

After Class

Additional Practice

Additional Feedback

How Learning Works
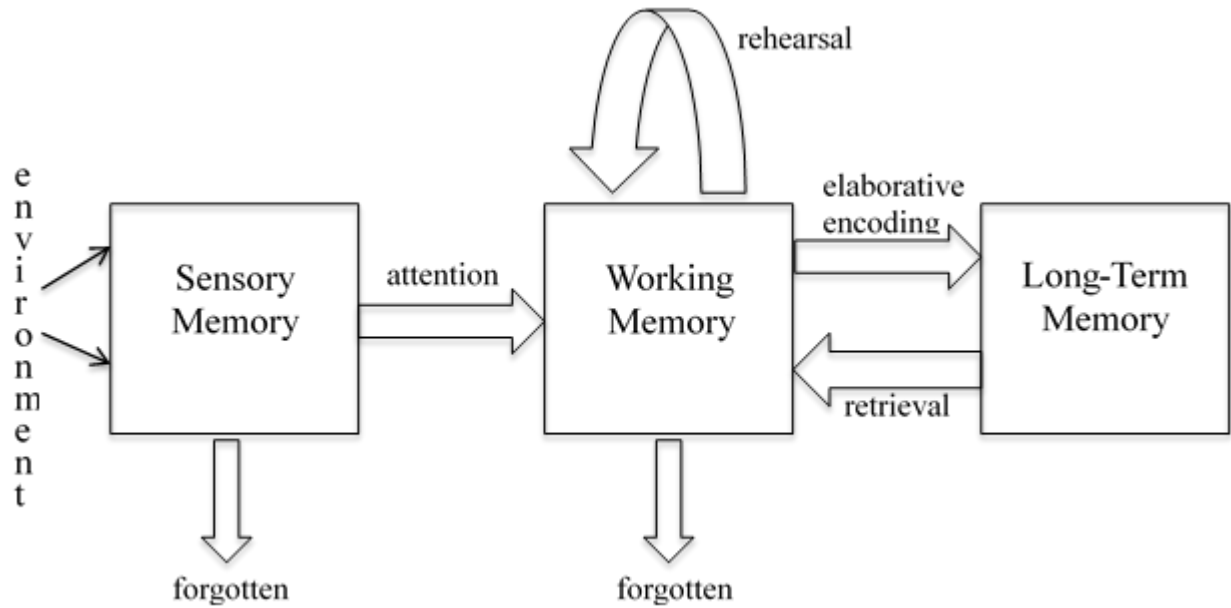
Learning and Multimedia Considerations

SAMR: A Framework for Technology Integration

Substitution	Augmentation	Modification	Redefinition
Tech as a direct tool substitute, with no functional change.	Tech directly substituted, but providing some functional improvement.	Technology allows for significant task re-design.	Technology allows for completely new tasks, previously not considered.
Note-taking on a tablet or laptop.	Projecting slides with embedded animation or videos.	Groups saving and sharing documents through the cloud.	Instructor matches students peers living and studying in different countries

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Bower, Matt (2015). A Typology of Web 2.0 Learning Technologies. Accessed April 2018 via https://library.educause.edu/resources/2015/2/a-typology-of-web-20-learning-technologies.