

Deep & Flexible Learning in a Digital World

2019 Conference on Higher Education Pedagogy

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Anticipation Guide

1. Teaching has gotten 'easier' (less complex) because we have lessons learned from the past decade to guide us.

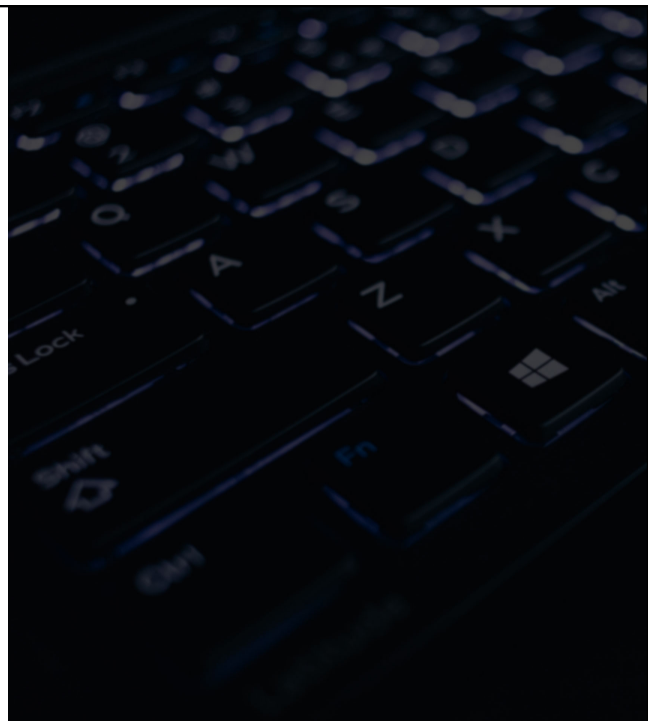
Directions: Agree, Disagree, or Edit

2. Artificial intelligence and machine learning have the potential to dramatically alter the face of higher education.

Digital • Technology • Learning • Humanity

Today's Mantra

Technology is neither good nor bad
but using it makes it so.

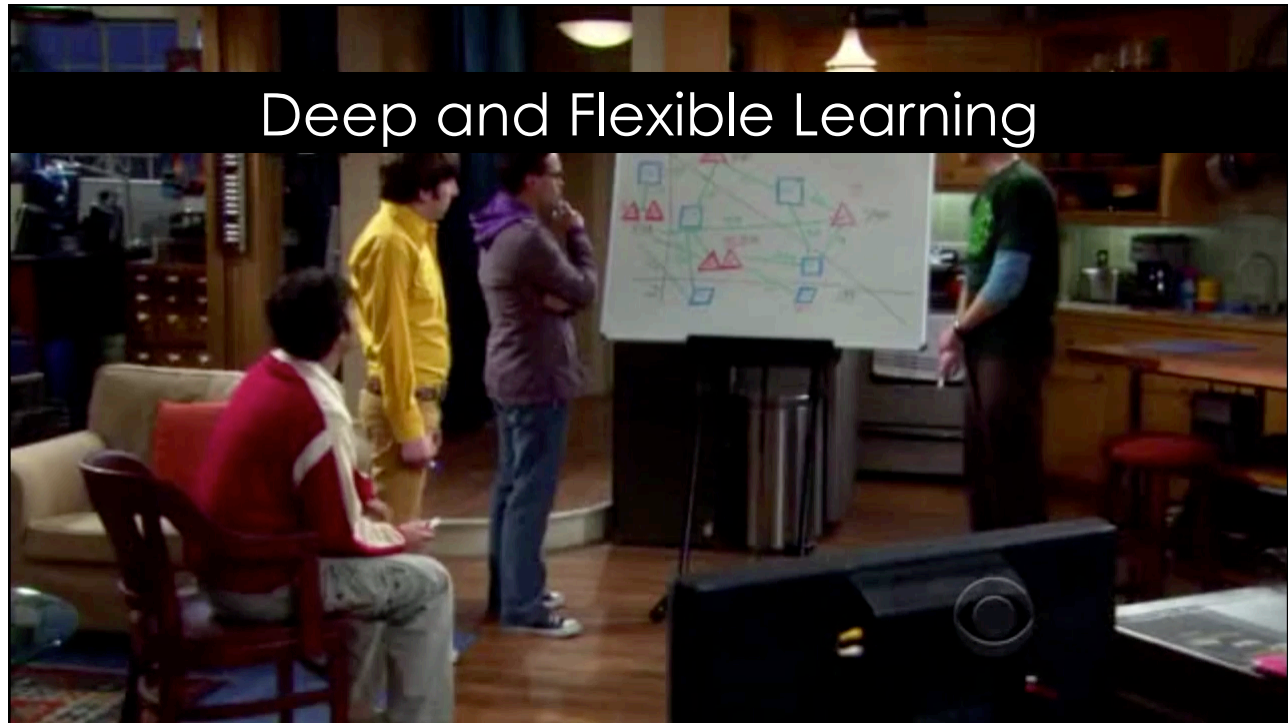


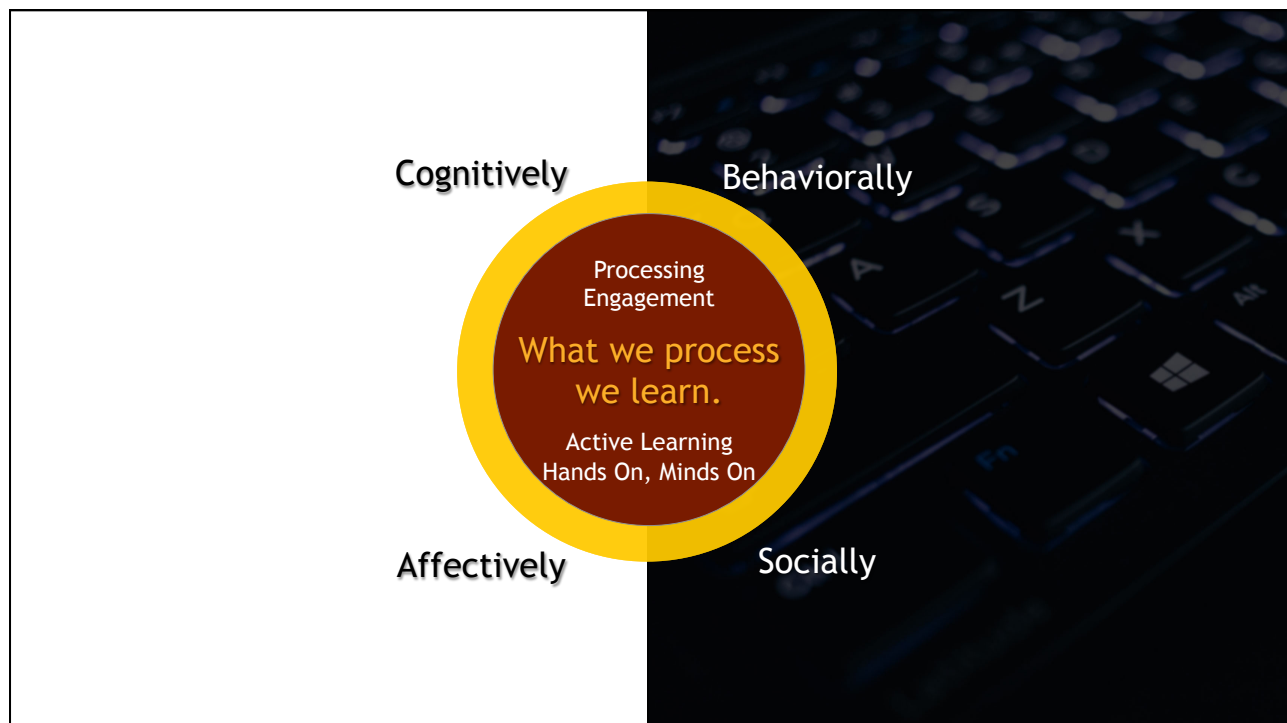
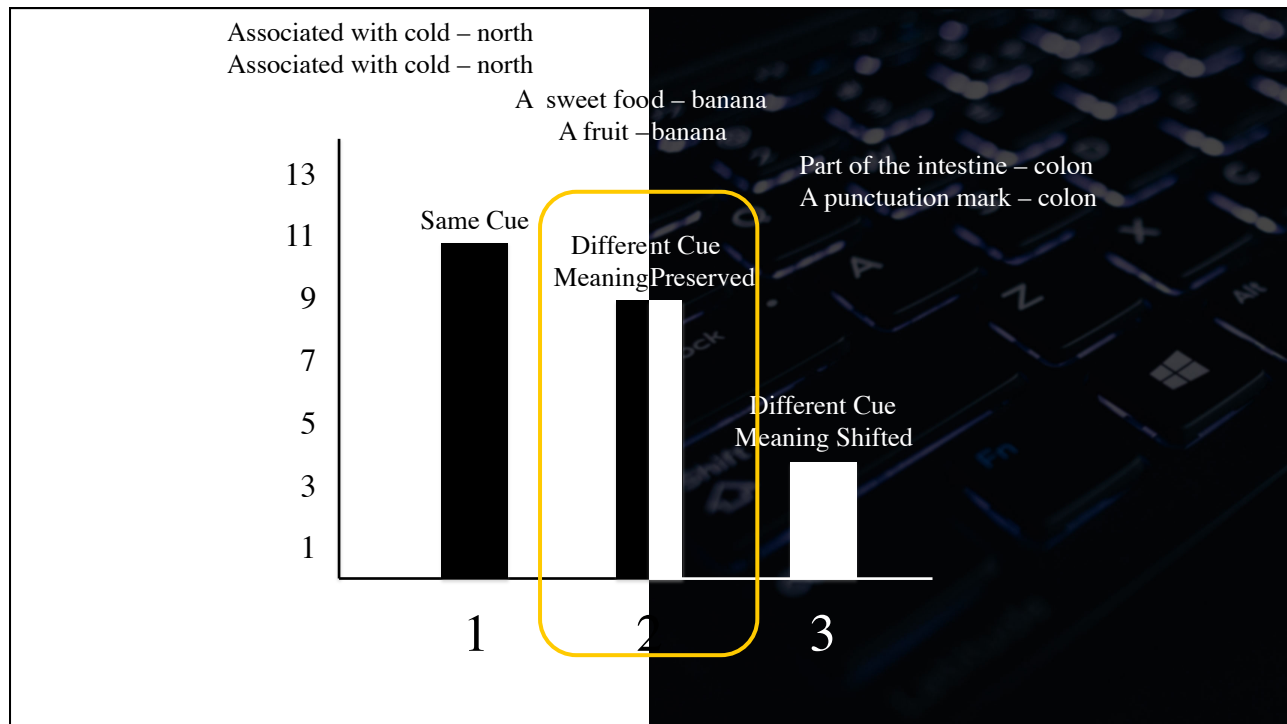
Deep Learning Flexible Learning

Strong Memories • • Strong Memories

Integrated Knowledge • • Integrated Contexts



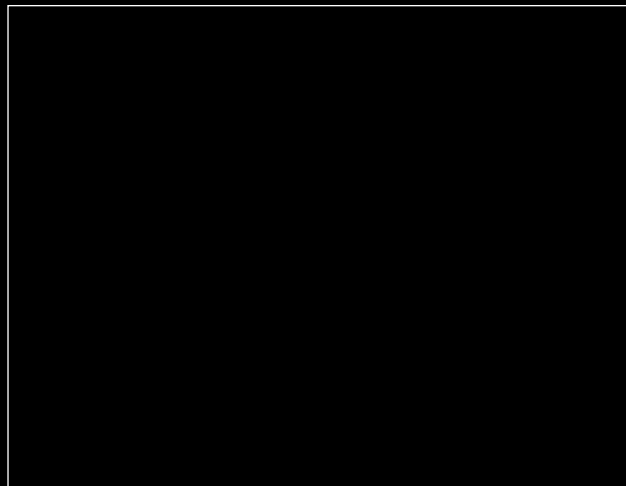




6 Principles for Deep and Flexible Learning

- Practice at Retrieval •
- Varied Tasks and Purposes •
- Principle Level Applications •
- Awareness and Control
- Developmental Feedback
- Prior Knowledge & Experience

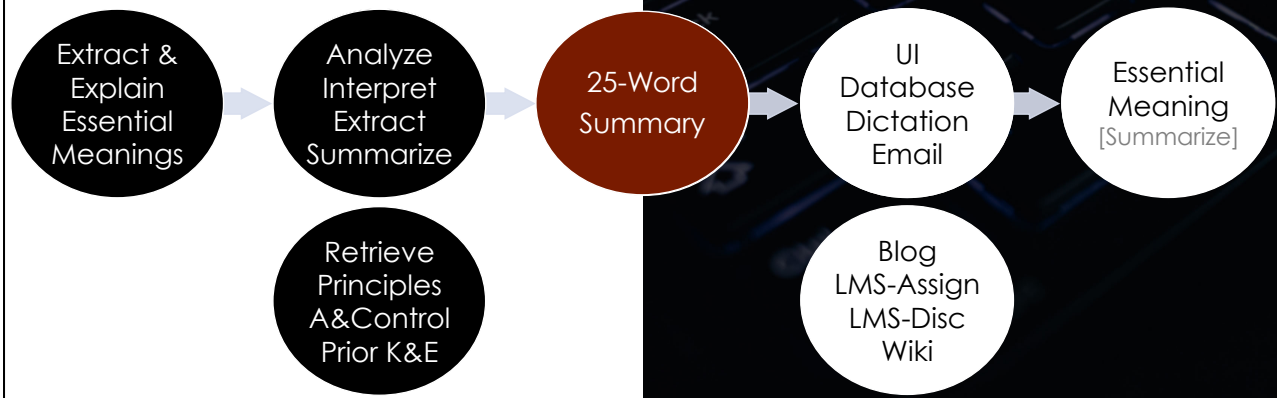
Clarity



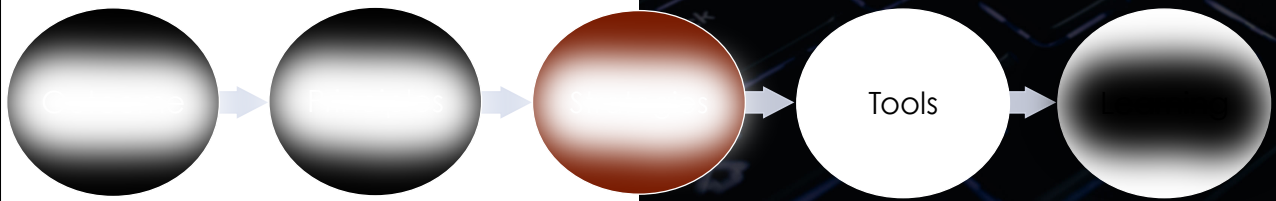
Principles • Strategies • Tools • Learning



Principles • Strategies • Tools • Learning



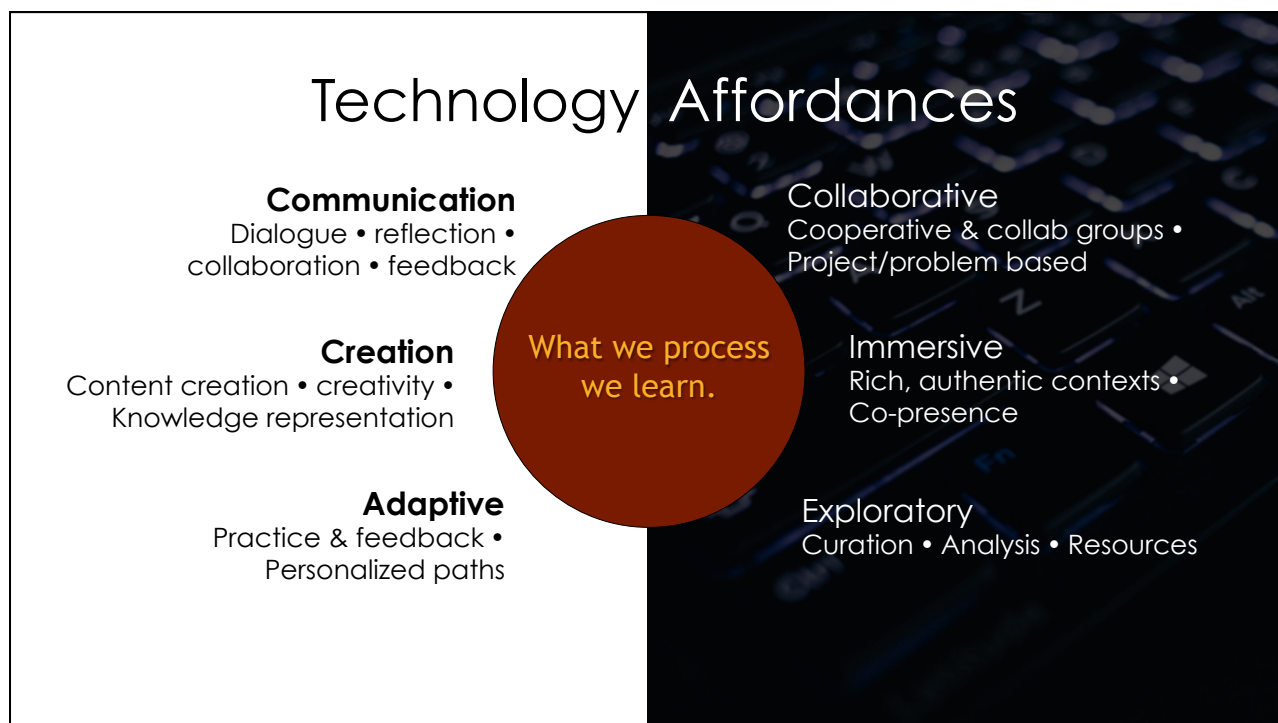
New Technologies • Don't Freak out ☺

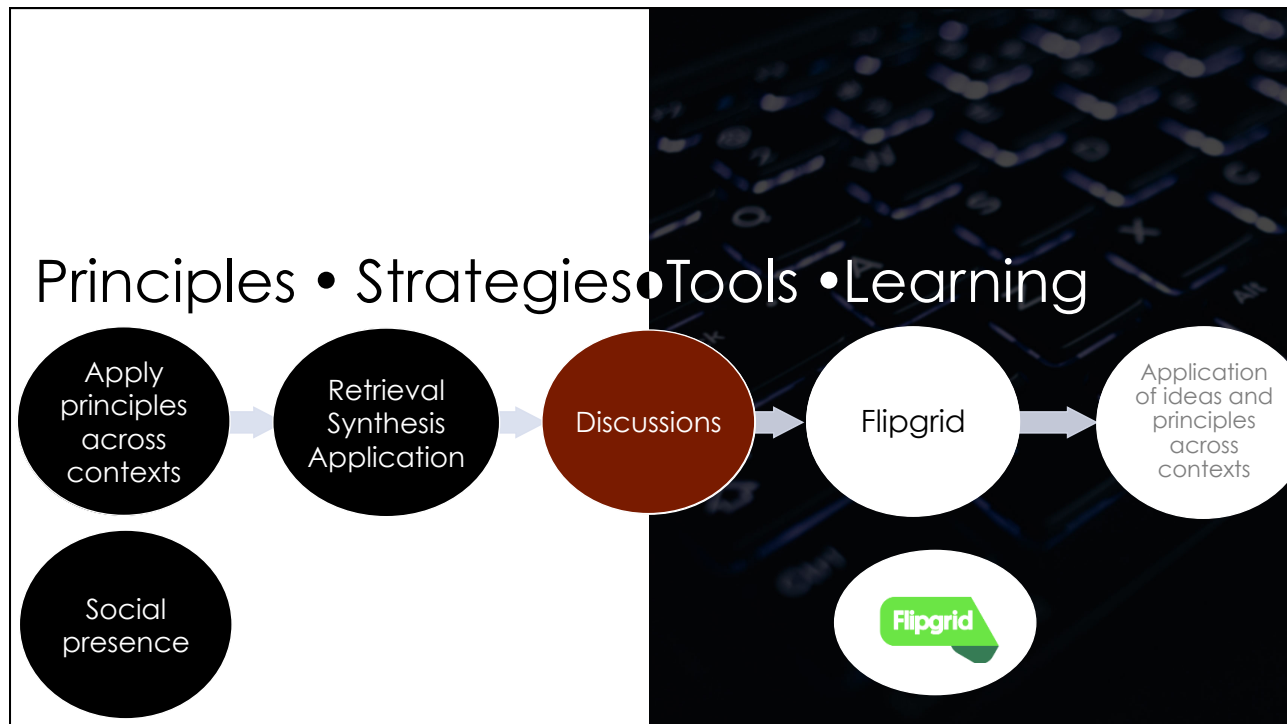


Digital Learning Digital Instruction

Affordances



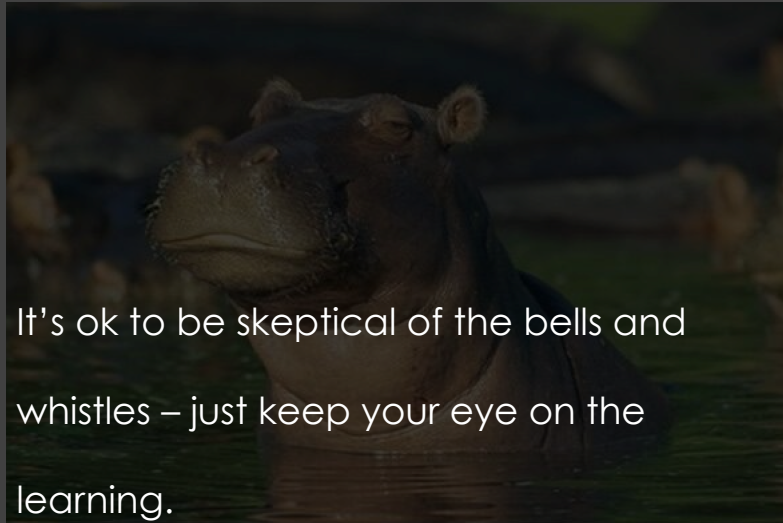




Bottom Line #1

1. What would you like students to learn?
2. What processing is necessary for students to learn *that*?
3. What activities (strategies) will result in *that* processing?
4. What technology has the affordances that will be able to support *those* activities?
5. Make it happen 😊

Bottom Line #2



It's ok to be skeptical of the bells and whistles – just keep your eye on the learning.

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