



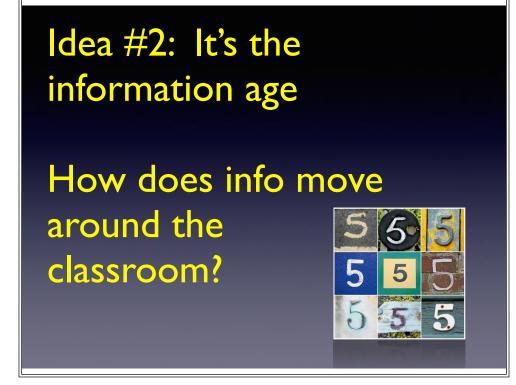
Idea #1: We need to be teaching a new literacy





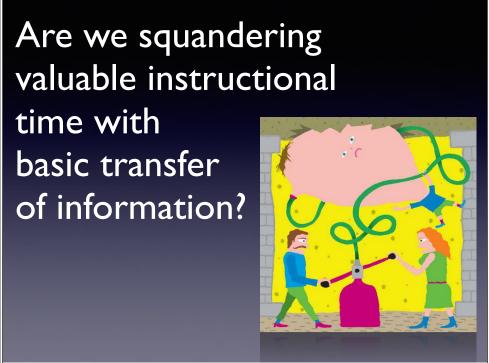










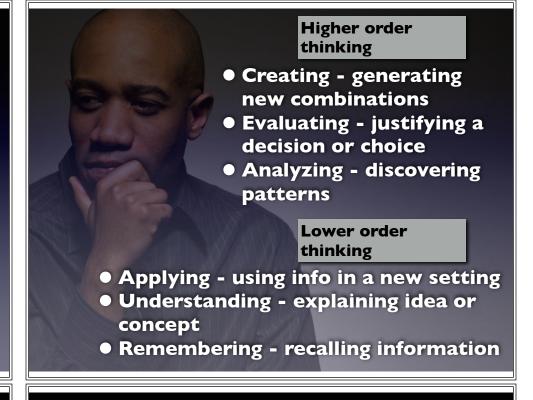


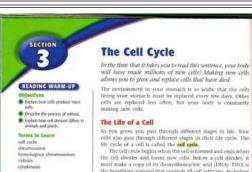




Idea #3: Make sure we are teaching higher-order thinking skills and using the best tools to support mastery







Ose hereditary material that controls all cell activities, including the making of new cells. The ONA of a cell is organized into structures called dramosomes. Copying chromosomes ensur-that each new cell will be an exact copy of its parent cell. Ho does a cell make more cells? It depends on whether the cell is prokaryotic (with no nucleus) or sukaryotic (with a nucleus) Making More Prokeryotic Cells Prolazyotic cells are less complex than cukuryon

Bacteria, which are prokaryones, have ribosomes and a single circular OSA molecule but don't have membrane-encioner organelles. Cell division in bacteria is called history flatter which means "splitting into two parts." Nearly fission result in two cells that each contain one copy of the circle of DNA.

"Summarize text in your own words."

Higher or lower order thinking?

Students can create and share higher-order summaries



padlet

Animate



Publish



BOOK CREATOR

cell cycle the life cycle of a cell

chromosome in a sukawotic cell. that are made up of DNA and peo

Idea #4: Is learning personalized by student choice and reflection on their progress?

- A. understands how this information or skill has some application in their life.
- B. has an opportunity to **follow their own process** rather than just learn "the facts."
- C. reflect on their work and their progress as learners.

Learning is relevant when the student:



Personalize learning with student choice

Content - what knowledge and skills will be studied?

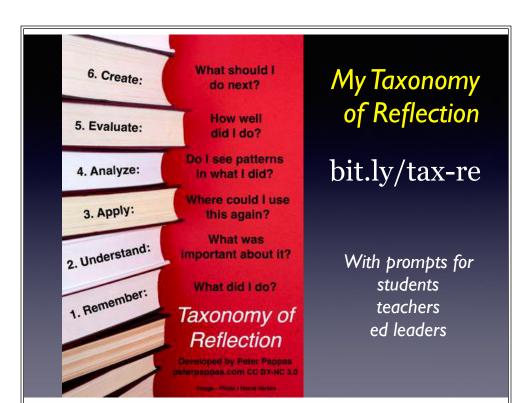
Process - what materials, procedures, etc will be used?

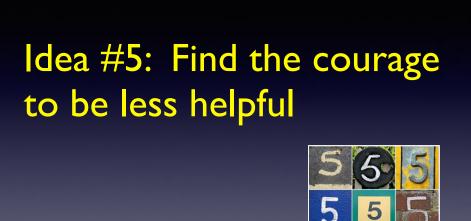
Product - what will students produce to demonstrate their learning?

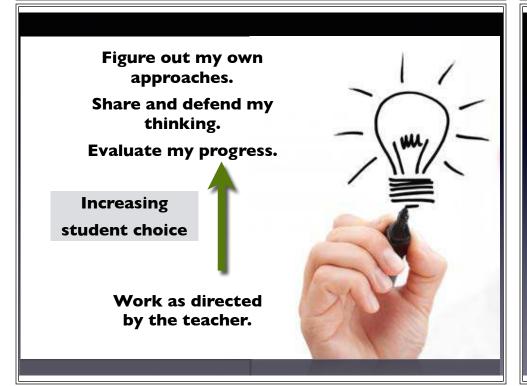
Evaluation - how will the learning be assessed?



Good instruction provokes student reflection







Learning in the digital age

Task - Are students asked to do **genuine** higher order thinking?

Interaction - Does the learning include a social component?

Choice - Are students exploring their own options for content, process, product and assessment?