



Brent Gaswick

Technology Integration Specialist
NDE

Tricia Parker

Director of Language Arts Education
NDE





Housekeeping





The Line Up!

- ⊗ Name
- ⊗ School/District
- ⊗ Job
- ⊗ Years in Education
- ⊗ Once concern
- ⊗ One hope

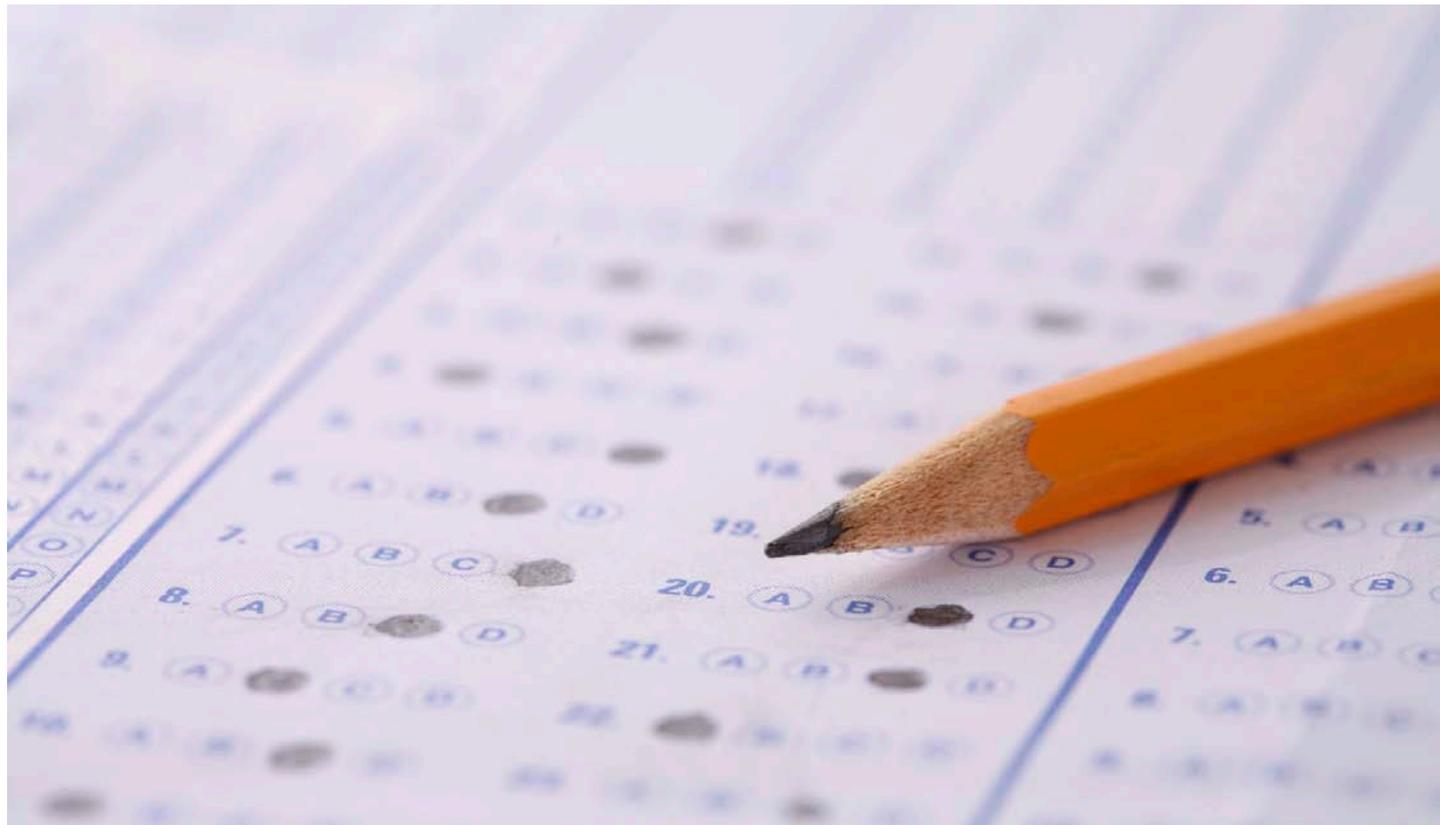
Agenda

- ◉ Why is tech integration important?
- ◉ Marzano's Research
- ◉ Communication
- ◉ Wordle
- ◉ Wikis
- ◉ Sound
- ◉ Video
- ◉ Lunch
- ◉ Ted/iTunes
- ◉ Interactive Worksheets



No generation in history has ever been so thoroughly prepared for the industrial age.

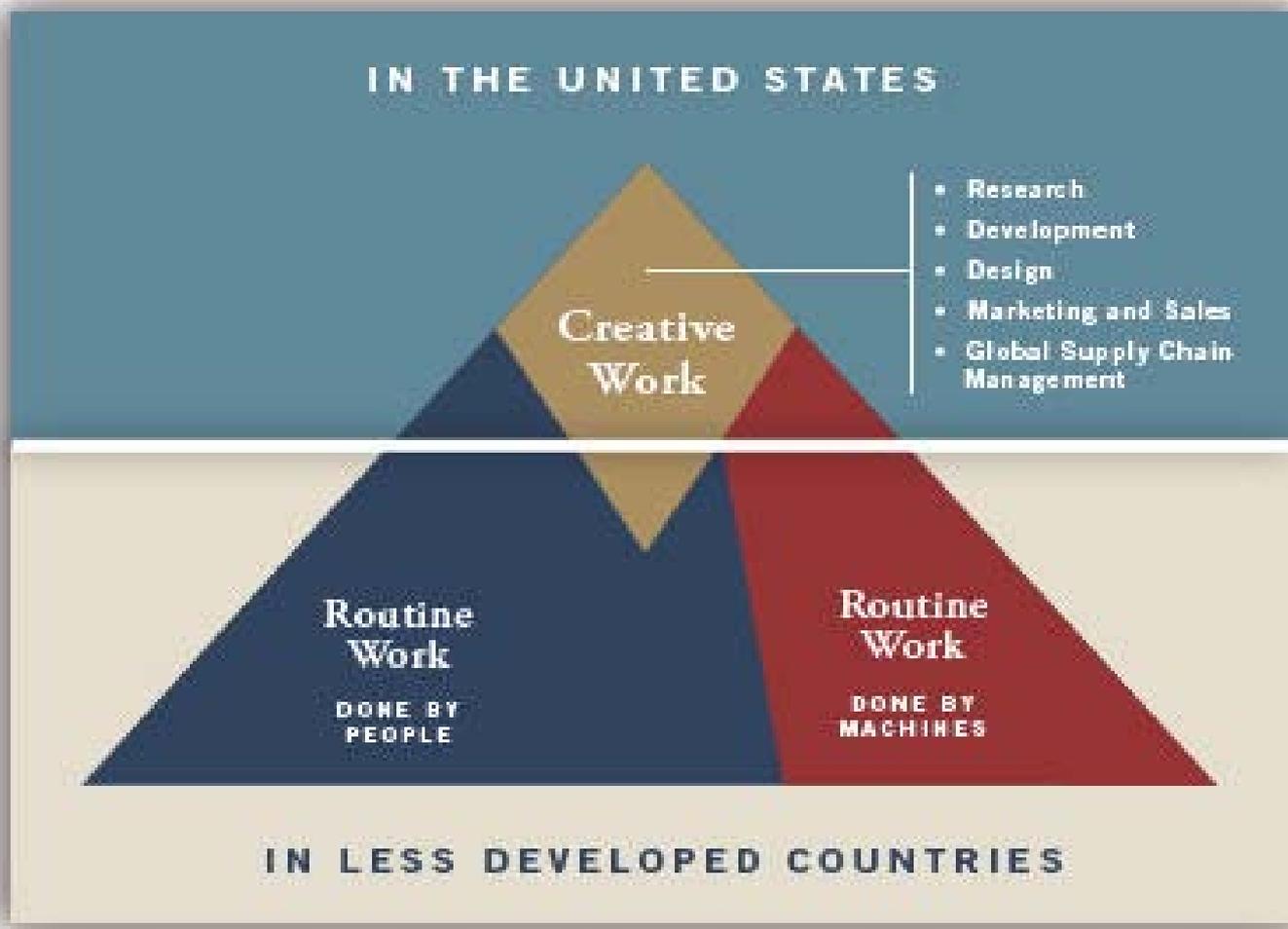
-David Warlick





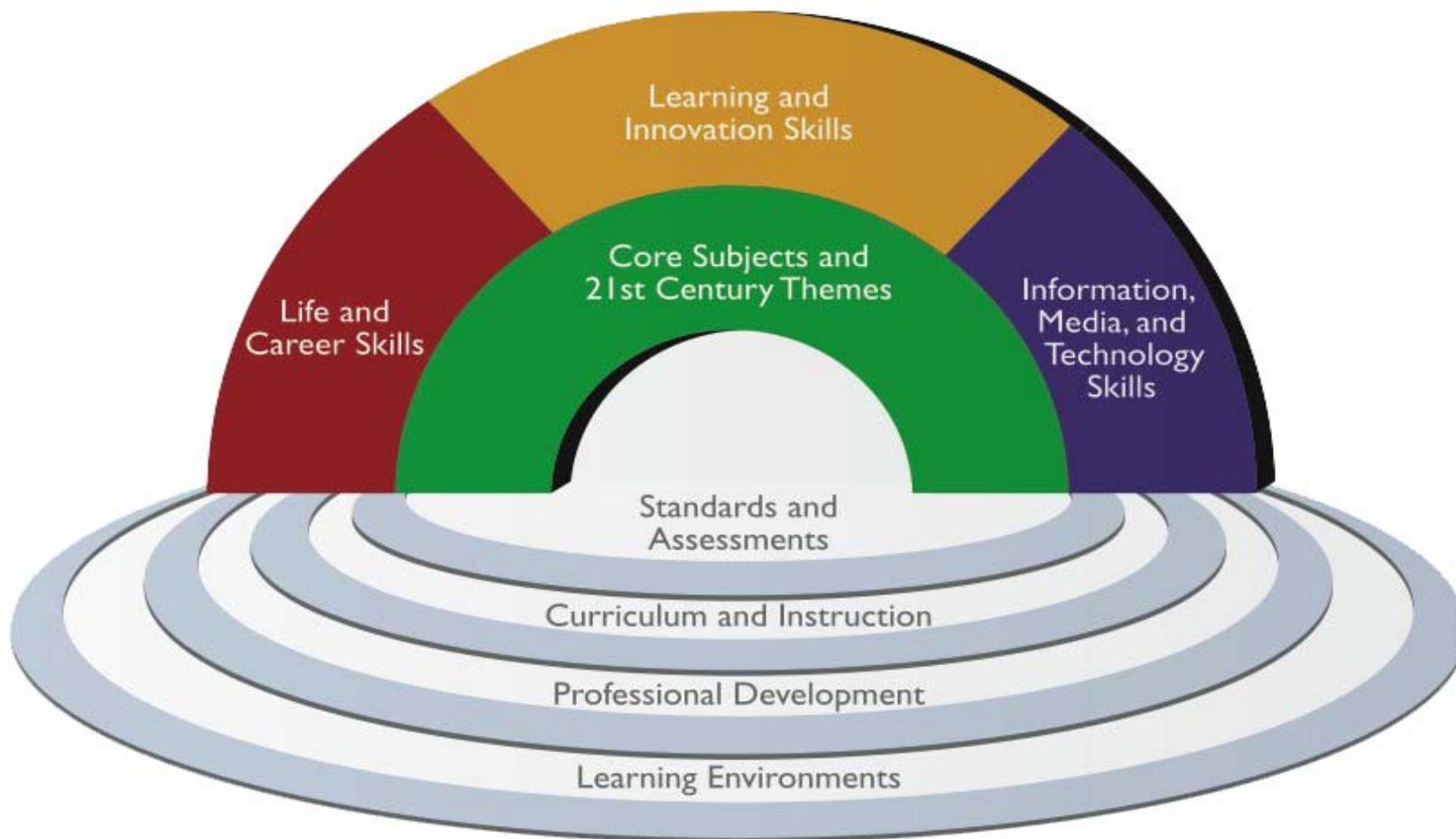
PROTOTYPICAL U.S. INDUSTRY

in 10 years if all goes well





Framework for 21st Century Learning







ISTE's NETS

Communication
& Collaboration

Creativity &
Innovation

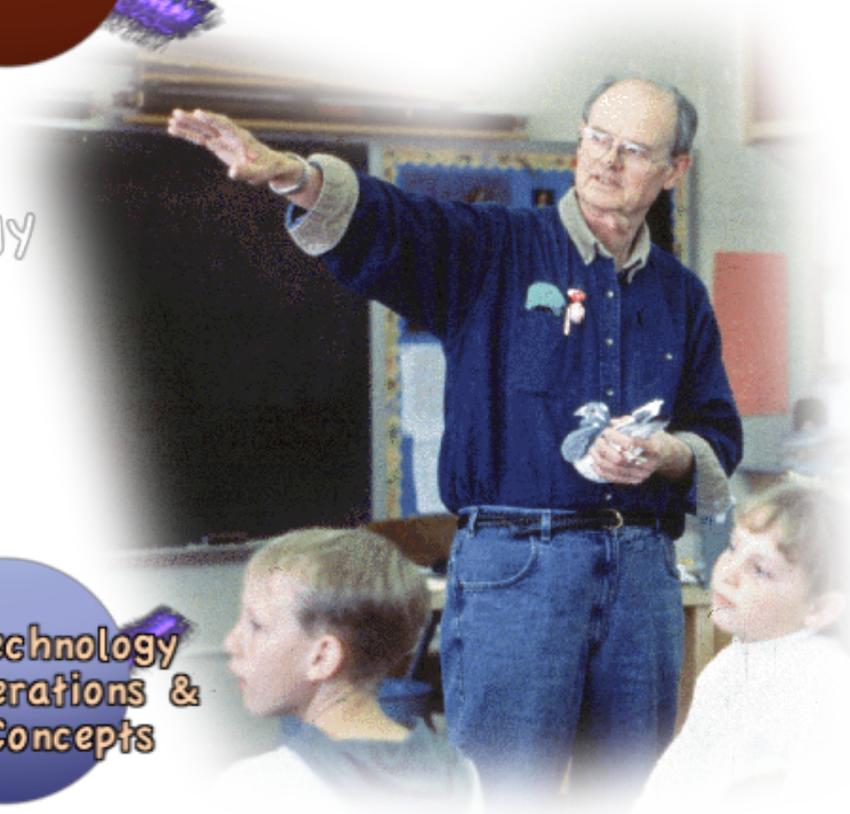
Research &
Information
Fluency

ISTE'S
Educational Technology
Standards
for **Students**

Critical Thinking
Problem Solving &
Decision Making

Digital
Citizenship

Technology
Operations &
Concepts





ISTE'S
Educational Technology
Standards
for Teachers

Student Learning
& Creativity

Digital-Age
Learning Experiences
& Assessments

Digital-Age
Work & Learning

Digital Citizenship
& Responsibility

Professional
Growth &
Leadership



Dear Teachers,

*We trust you with the children
but not the Internet.*

Yours truly,

***THE
ADMINISTRATION***



DENIAL

Technology is fine for playing games, but really has nothing to do with teaching and learning.





8th Grade

| | |
|------------------------------|------------------------------|
| Responsible Living Matter | Responsible Living Matter |

- Goal
- Goal
- Goal
- Create list of ideas

7th Grade

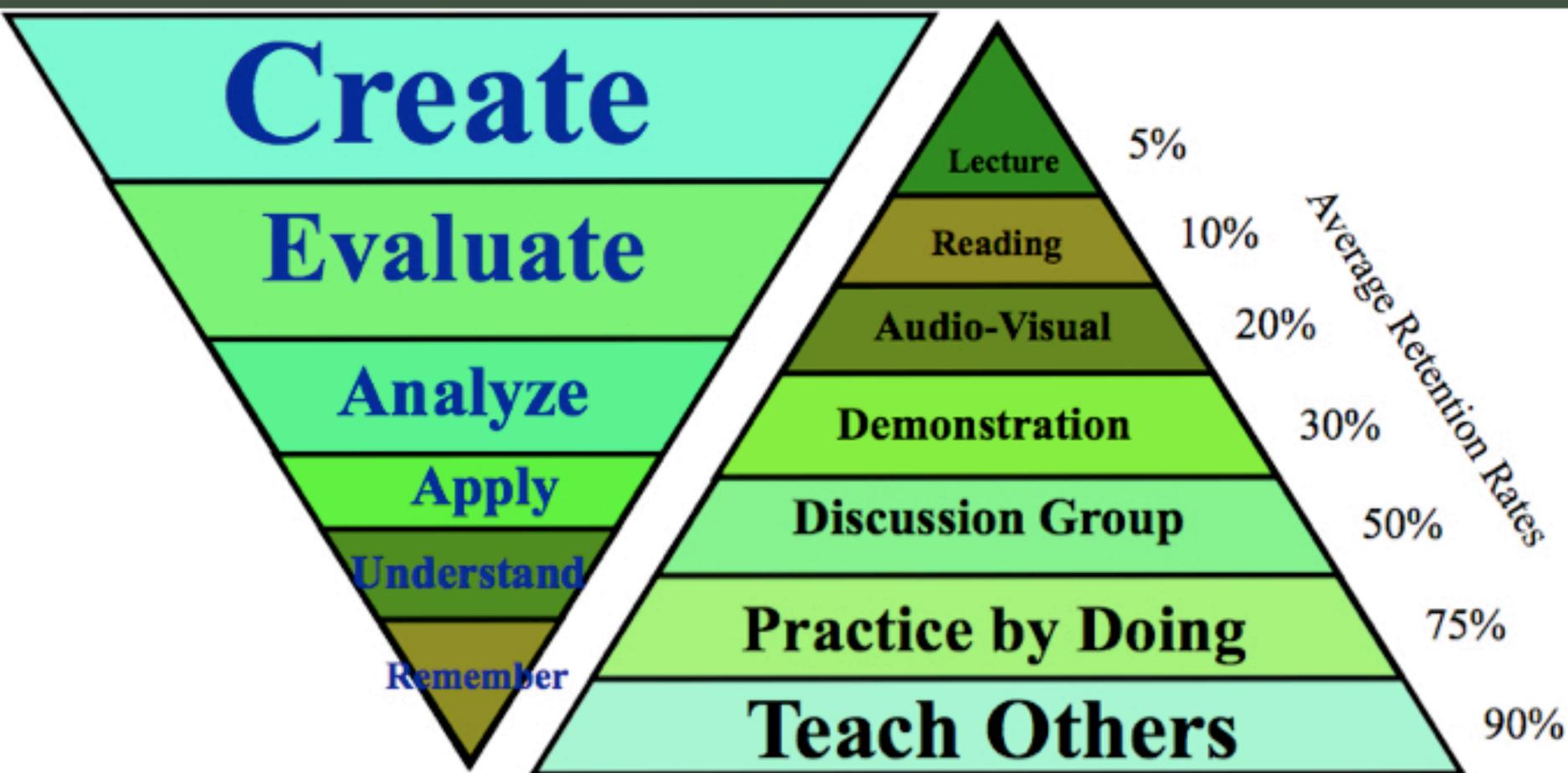
- Goal of the Year
- Take steps to becoming
- Goal of the Year
- Goal of the Year

Book Talk

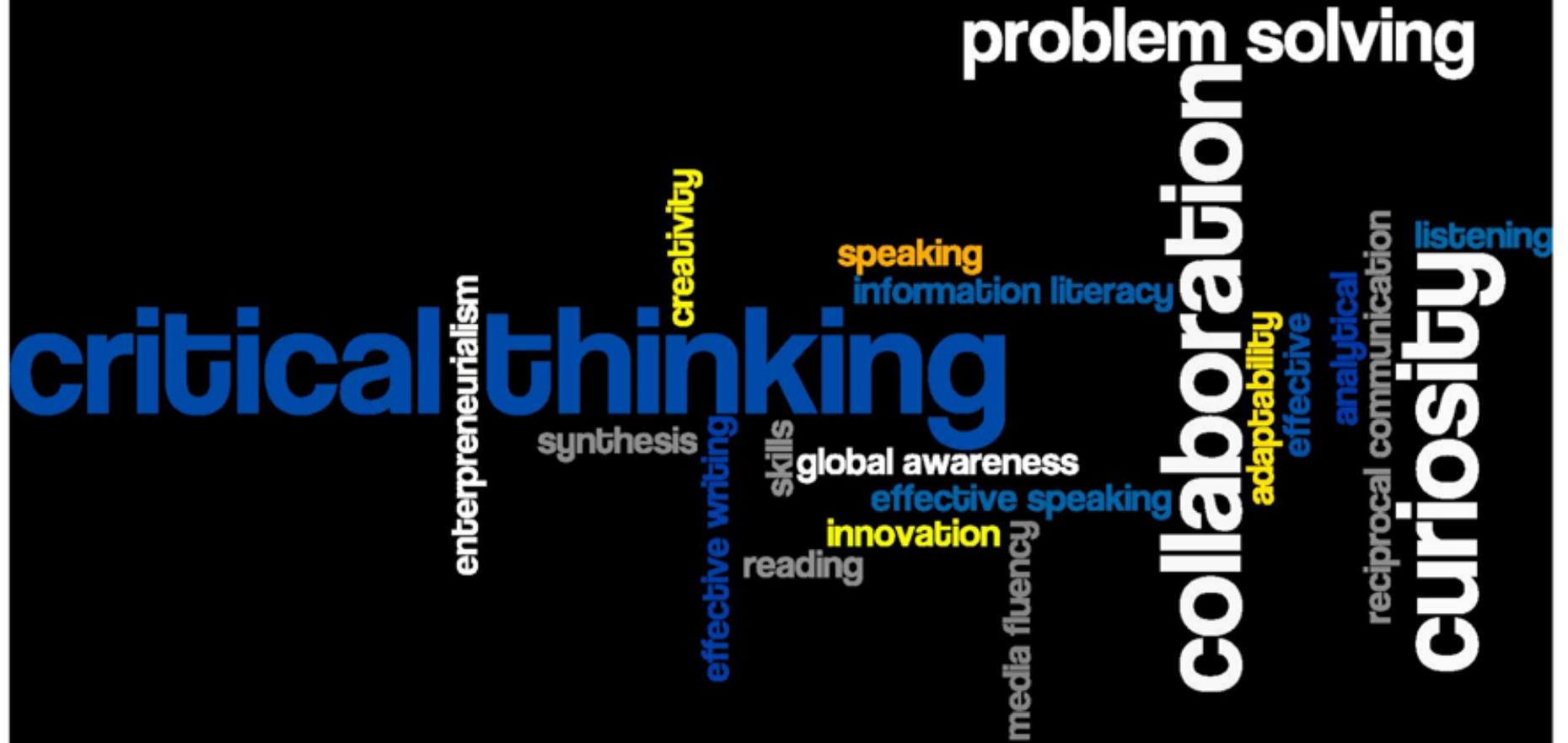
1st April 14
Gomez' English
Fiction

- Book Talk
- Book Talk
- Book Talk

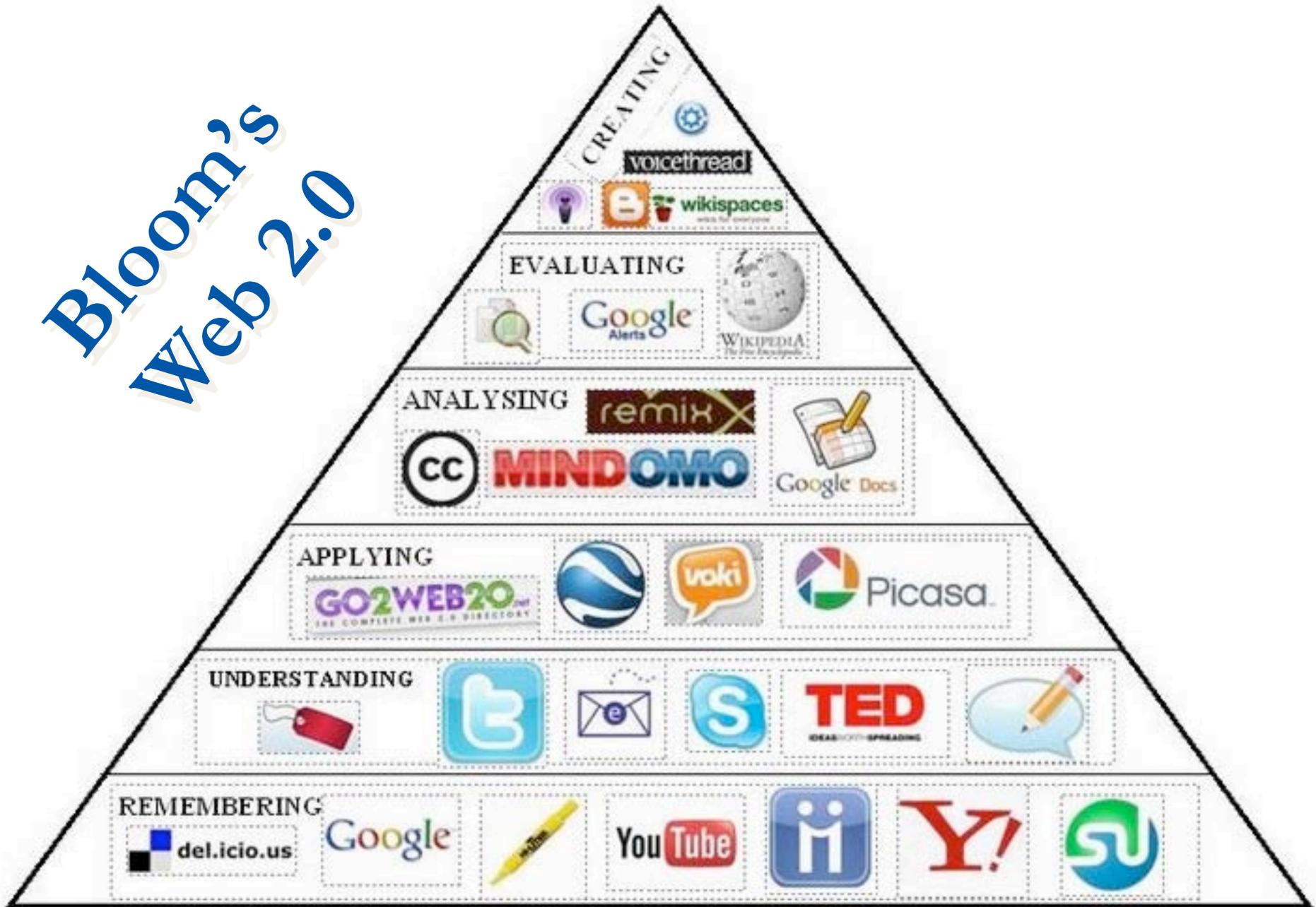
Book of the Month



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Bloom's Web 2.0



READING **WRITING** **GRAMMAR** **POETRY** **SHAKESPEARE** **BOOKS** **ESSAYS** **WORDS** **NOVELS** **COMPOSITION** **POEMS** **EDGAR ALLAN POE** **MS. BICKFORD** **THE CATCHER IN THE RYE** **ROMEO AND JULIET** **THE PEARL** **IMAGINING** **PHRASES** **NOUNS** **HAPPY** **SMILING** **SLEEP** **TESTS** **ADJECTIVE** **INTERESTING** **CLASSROOM** **OVERWHELMING** **AND OF BROTHERS** **STEPHEN E. AMBROSE** **NICHOLAS SPARKS** **REFLECTING** **COMPREHENDING** **LANGUAGE** **LISTENING** **BORING** **LEARNING** **ESSAY** **CREATIVE** **BINDER** **LANGUAGES** **VOCAB** **LITERATURE** **DAN BROWN** **TRANQUILIZING** **LIGHT**



Indicators: LA 0.1.3- 6.1.3, LA 0.1.5, 12.1.5, LA 0.1.6 - 12.1.6, LA 0.2-12.2

Activity: Wordle

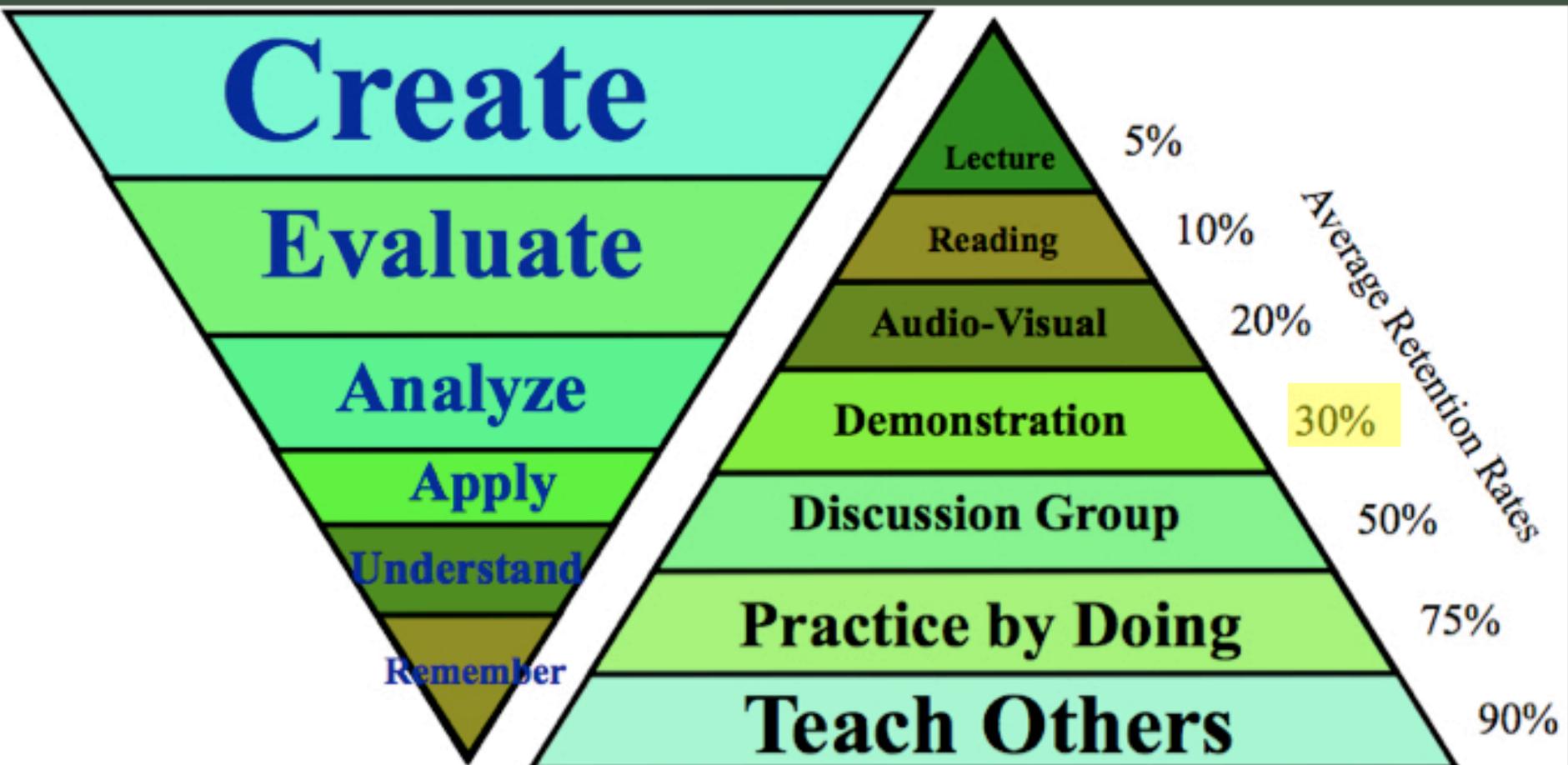
Strand: Vocabulary

Time: 15 min

Exploration Time: 15 min.



<http://www.wordle.net>



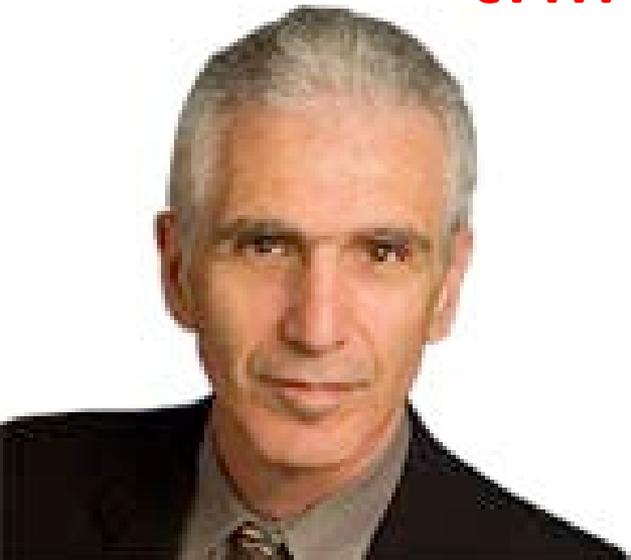
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“There are no magic bullets...only magic
BBs.

But, if you give magic BBs to teachers
who want to hone their craft, great
things can happen.””

-Dr. Robert Marzano





Critical Thinking



<http://www.georgehutchins.com/>

<http://www.theonion.com/>

<http://pages.motors.ebay.com/buy/security/index.html>

<http://www.buydehydratedwater.com/>



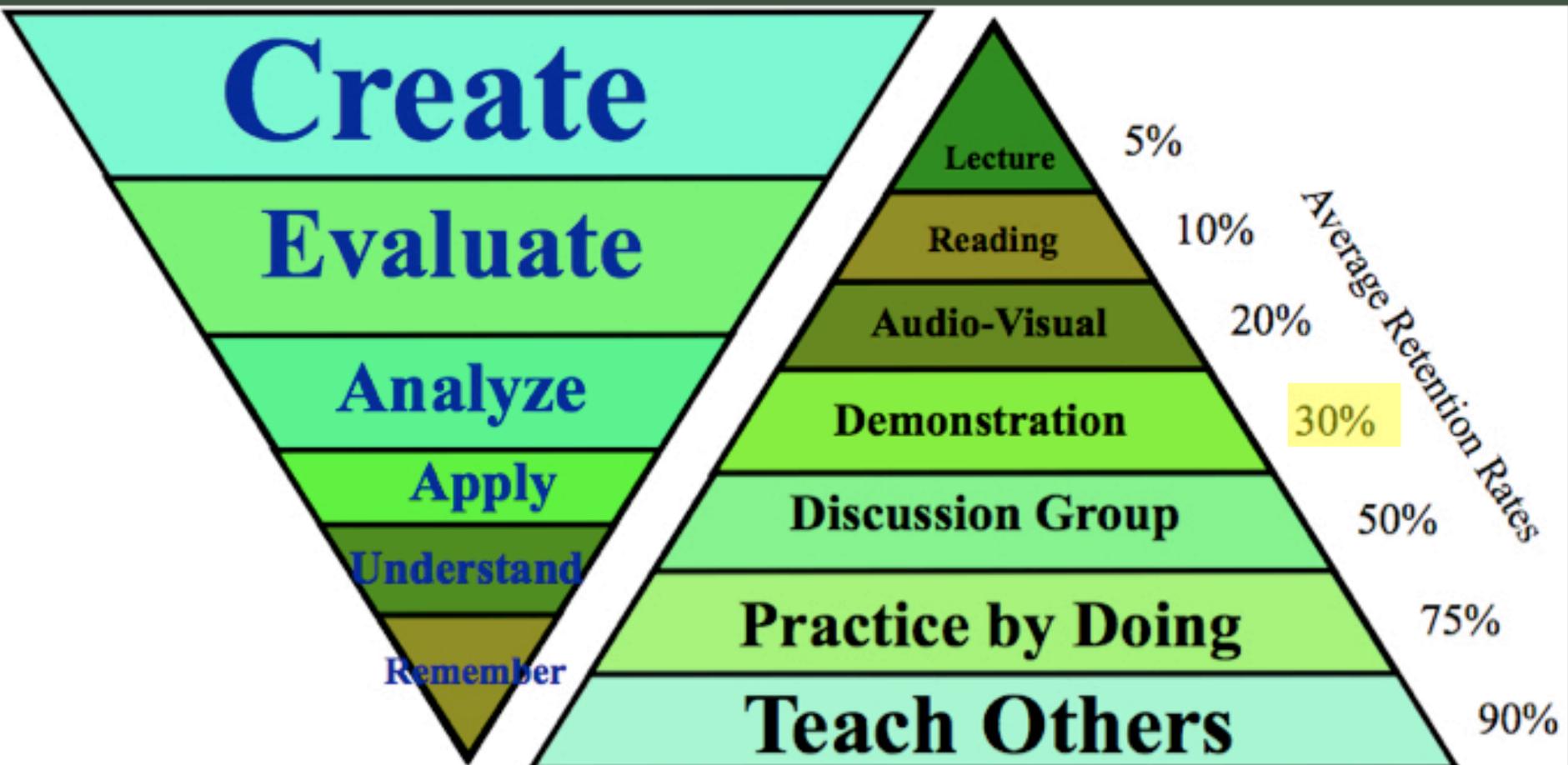
Activity: Prezi

Strand: Multiple Literacies

Time: 15 min

Exploration Time: 15 min.

<http://www.prezi.com>



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Activity: Wikis

Strands: Vocabulary, comprehension, reciprocal communication

Time: 25 min



If proficiency in technology is required to be competitive in the workforce, then why wouldn't technology in education be the mainstream tool for teaching and learning?



Indicators: LA 0.1.5 - 12.1.5, 0.1.6 - 12.1.6, LA 0.2 - 12.2



Activity: Wikis

Strand: Vocabulary

Time: 20 min

Exploration Time: 20 min

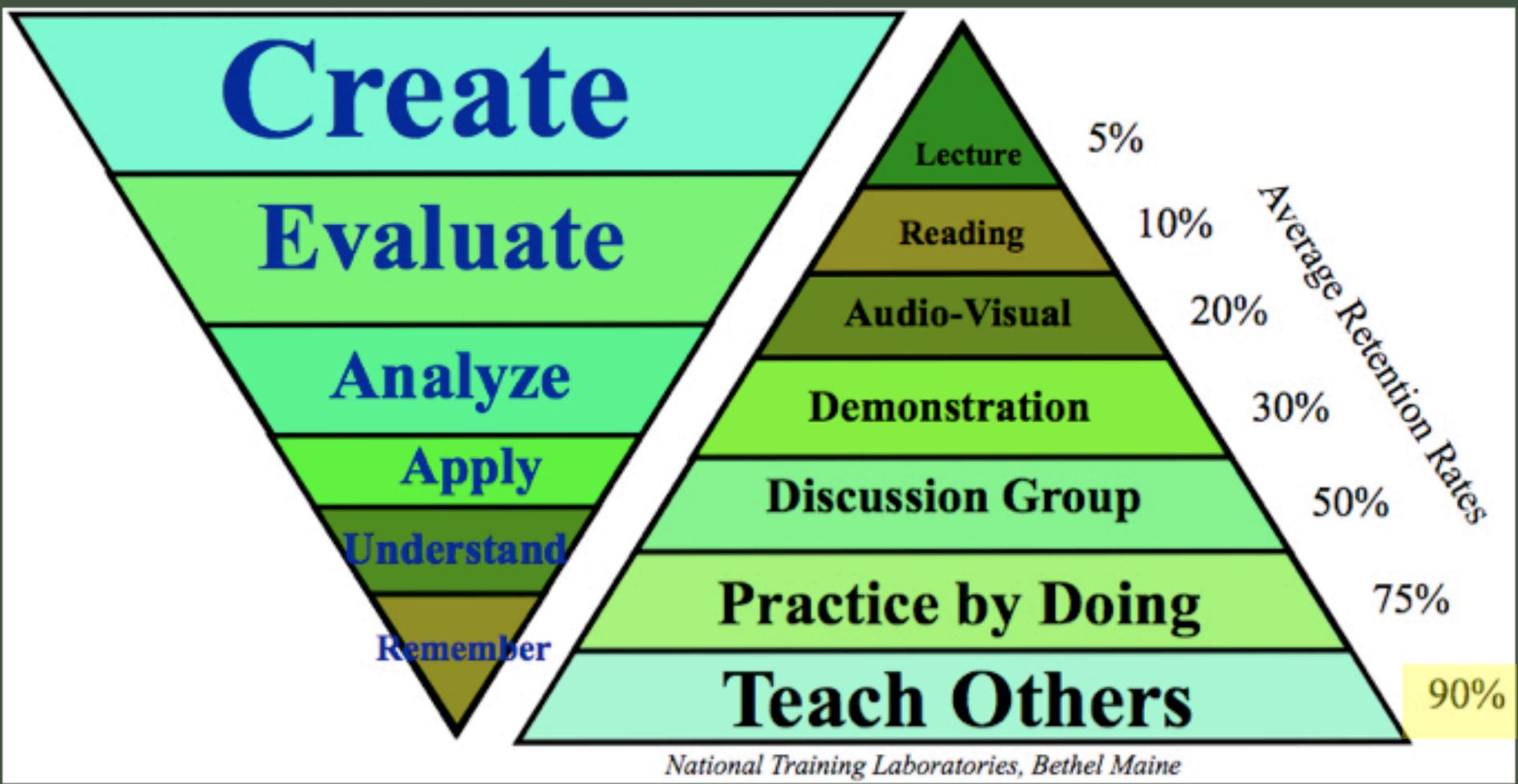
“Growing up assuming you can publish whatever you want to say, to whoever you want to say it, is going to make people different.”

- Russell Davies



<http://www.wikispaces.com>

<http://shifthappens.wikispaces.com/>





What are we going to ask on our tests, when our students are walking in with Google in their pocket? Are they going to be better questions than we ask today? David Warlick



Activity: Garage Band/Sound Recorder

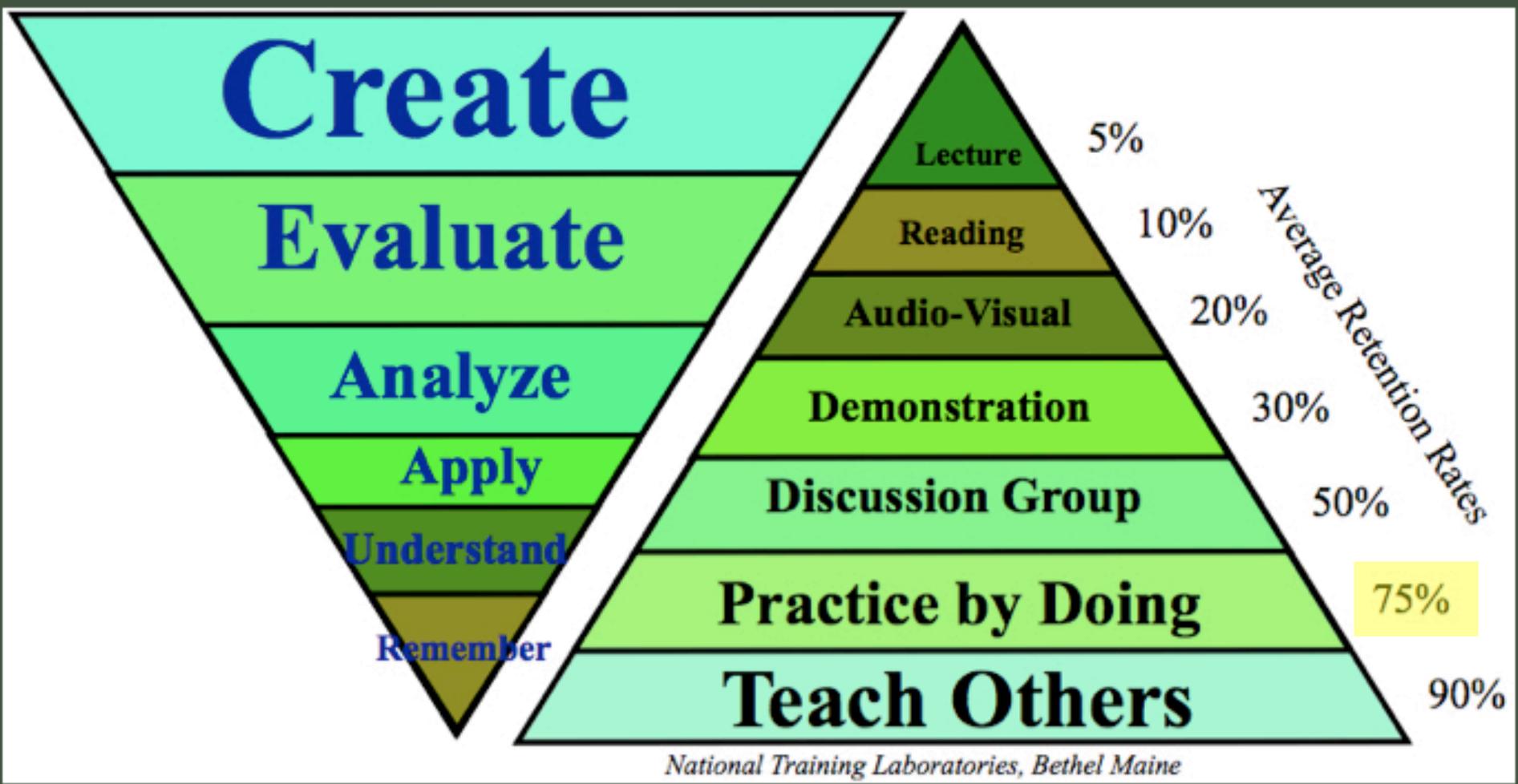
Strand: Fluency

Exploration Time: 15 min



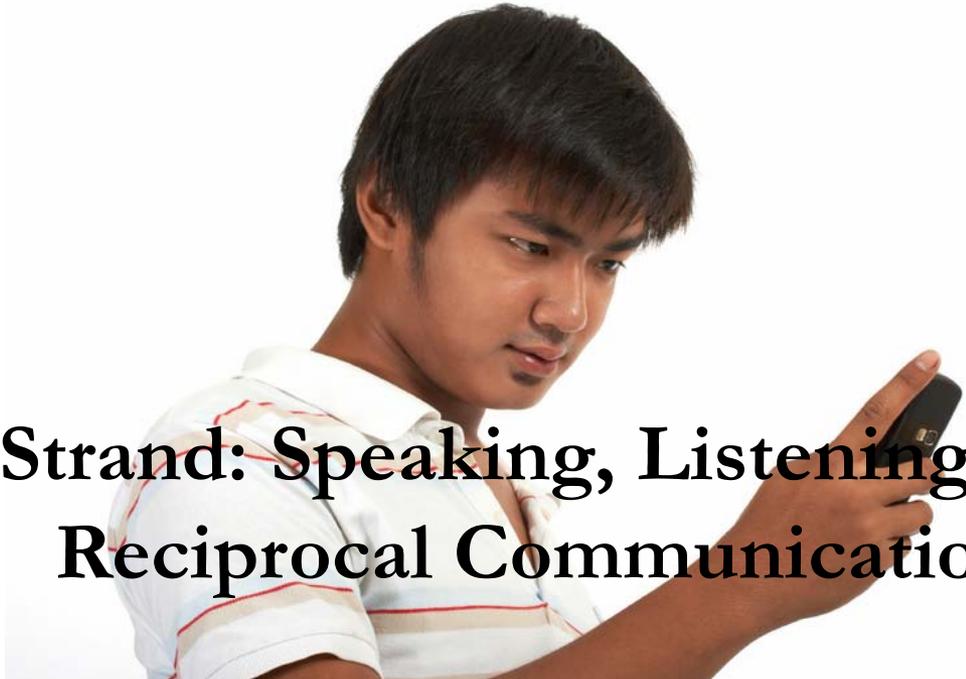
"In the 20th century, it was all about memorizing content, but today it's not just about that. It's about being able to integrate other skills like critical thinking, communication and technology skills,"

-Ken Kay, president of [Partnership for 21st Century Skills](#)





Activity: Podcasting

A young man with dark hair, wearing a white polo shirt with red and yellow stripes on the sleeves, is looking down at a black smartphone he is holding in his right hand.

**Strand: Speaking, Listening &
Reciprocal Communication**

Exploration Time: 20 min





mastered

Can a skill be ~~taught~~
just by using podcasts?

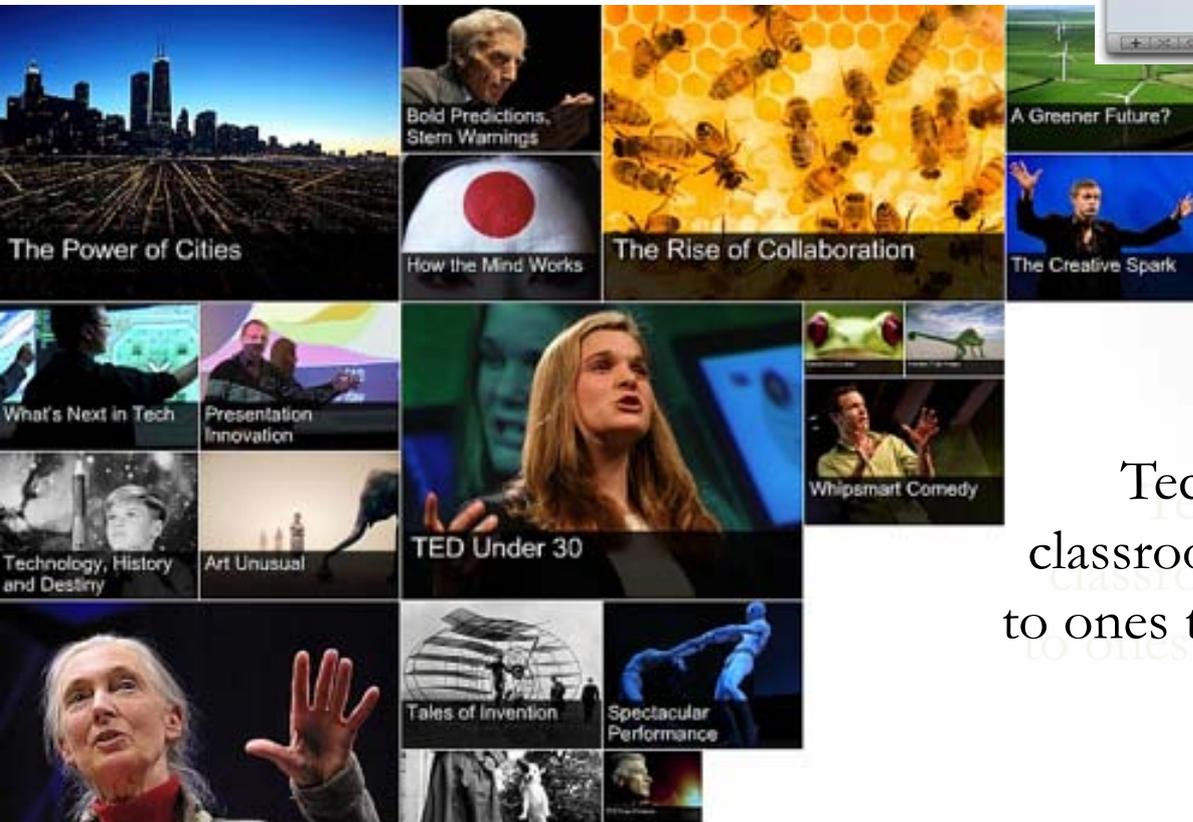




Activity: TED/iTunes U

Strand: Listening

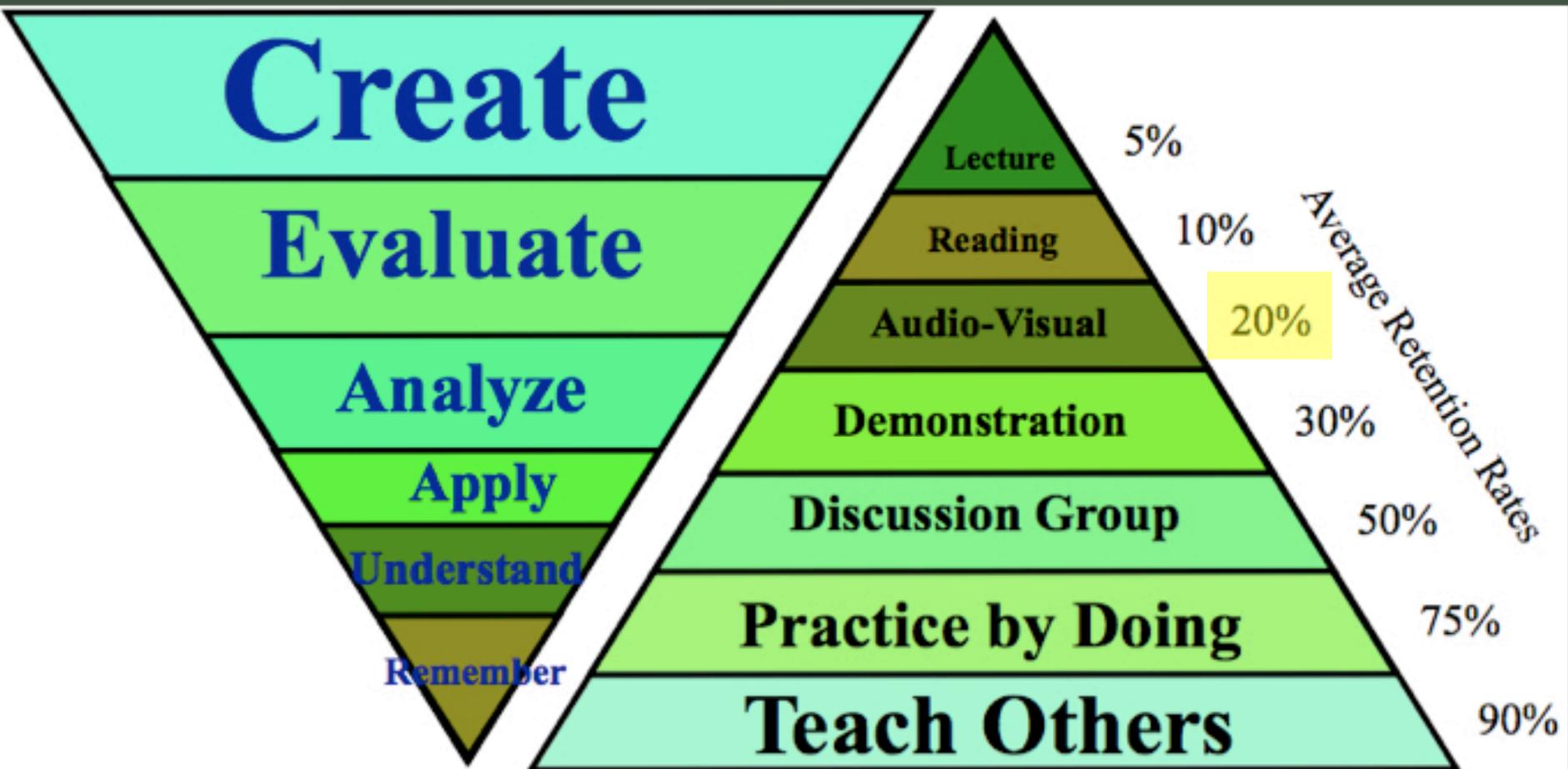
Time: 30 min



Technology tends to move a classrooms from teacher-dominated, to ones that are more student-centered

Exploration Time 20 min

<http://www.ted.com>



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Activity: Interactive Worksheet

Strand: Vocabulary

Time: 45 min

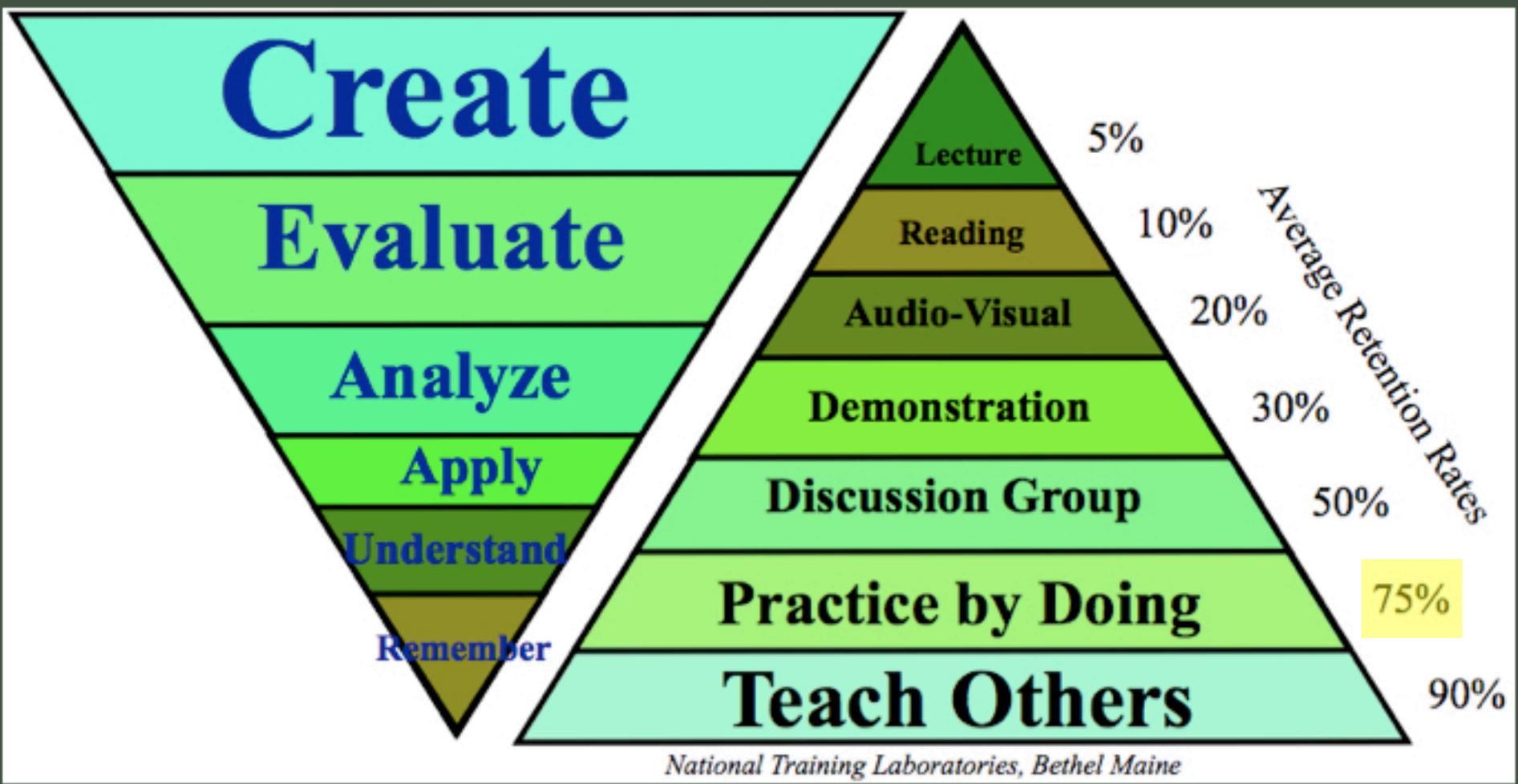
“Unless you change how you teach and how kids work, new technology is not really going to make a difference.”

-Bob Pearlman, New Technology Foundation



Work Time 45 min

Pages, Word, Adobe Acrobat





Activity:
Videoconferencing

Strand:
Listening

Time: 10 min



GoToMeeting™



Create

Evaluate

Analyze

Apply

Understand

Remember

Lecture

5%

Reading

10%

Audio-Visual

20%

Demonstration

30%

Discussion Group

50%

Practice by Doing

75%

Teach Others

90%

Average Retention Rates

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