

***Virtual Teams:
Making the Online Classroom
a Learning Organization***

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A Riddle...

What do knowledge and milk have in common?



An expiration date!



U.S. Department of Labor forecasts...

Today's graduating students
will have 10-to-14 jobs
by the age of 38.



Source: <http://www.bls.gov/news.release/pdf/nlsoy.pdf> and *The Jobs Revolution, 2nd Ed.* By Steve Gunderson et. al., p. 59.

Richard Riley's famous quotation

"We are currently preparing students
for jobs that don't yet exist..."

Using technologies that haven't been
invented...

In order to solve problems we don't
even know are problems yet."



Richard Riley
Secretary of Education
1993 - 2001

Source: <http://www.bls.gov/news.release/pdf/nlsoy.pdf> and *The Jobs Revolution, 2nd Ed.* By Steve Gunderson et. al., p. 59.
Sec't. Riley's office confirmed this statement.

**We must teach
students how to...
*Learn***

Learning to Learn

“Rather than focusing on specific technologies or specific problems, we need to equip students with those concepts that are common to all problems, all technologies, all skills, ranging from workplace engineering to ethics to entrepreneurship.”*

*Page 59



How Do We Cultivate Lifelong Learners?

Paradigm Shift

"Sage on the Stage"

1. Faculty transfers knowledge to students
2. Students are passive vessels to be filled
3. Faculty classify & sort students
4. Competitive & individualistic

"Guide on the Side"

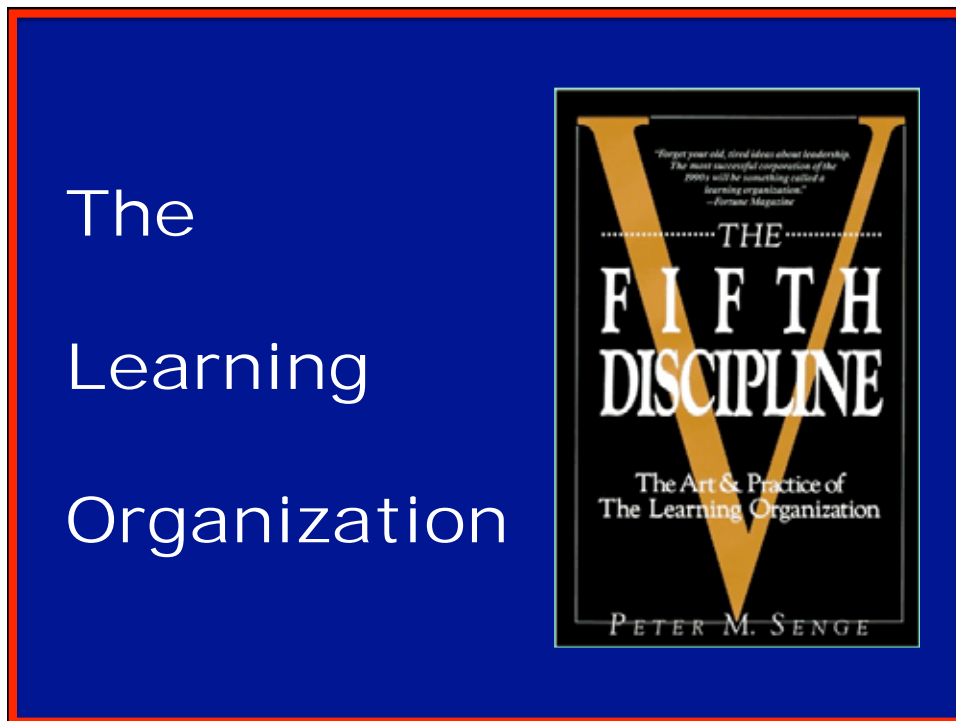
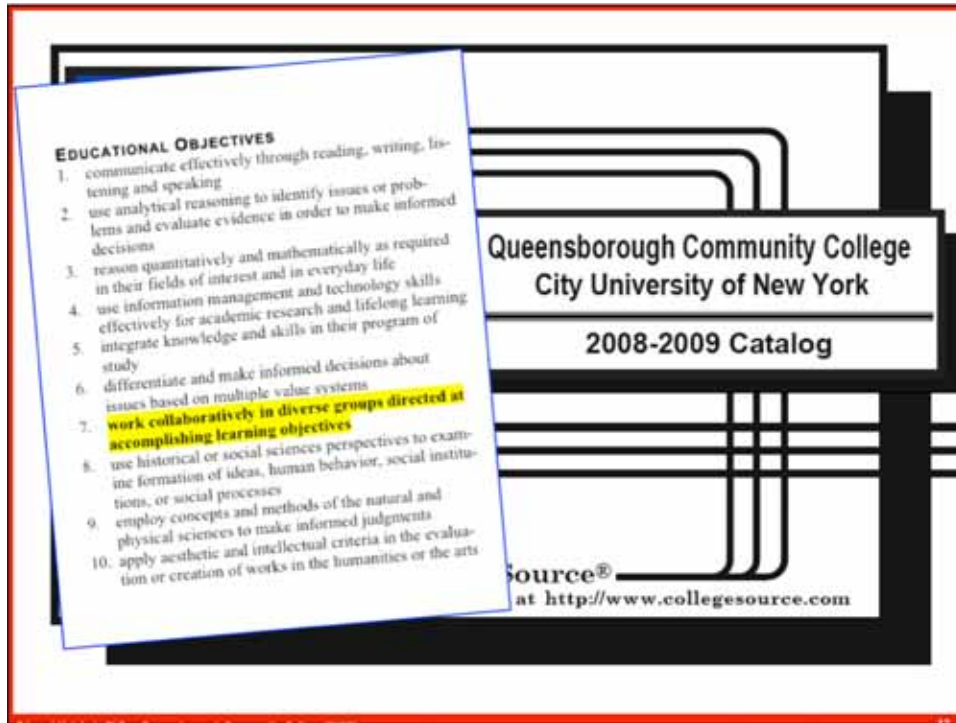
1. Knowledge jointly developed by students & faculty
2. Learning is active, social, and unleashed by students' motivation
3. Faculty develop students
4. Cooperative

“Classroom as Dinner Theater”



Social Interaction in the Classroom

- **Individualistic**
- **Competitive**
- **Collaborative**

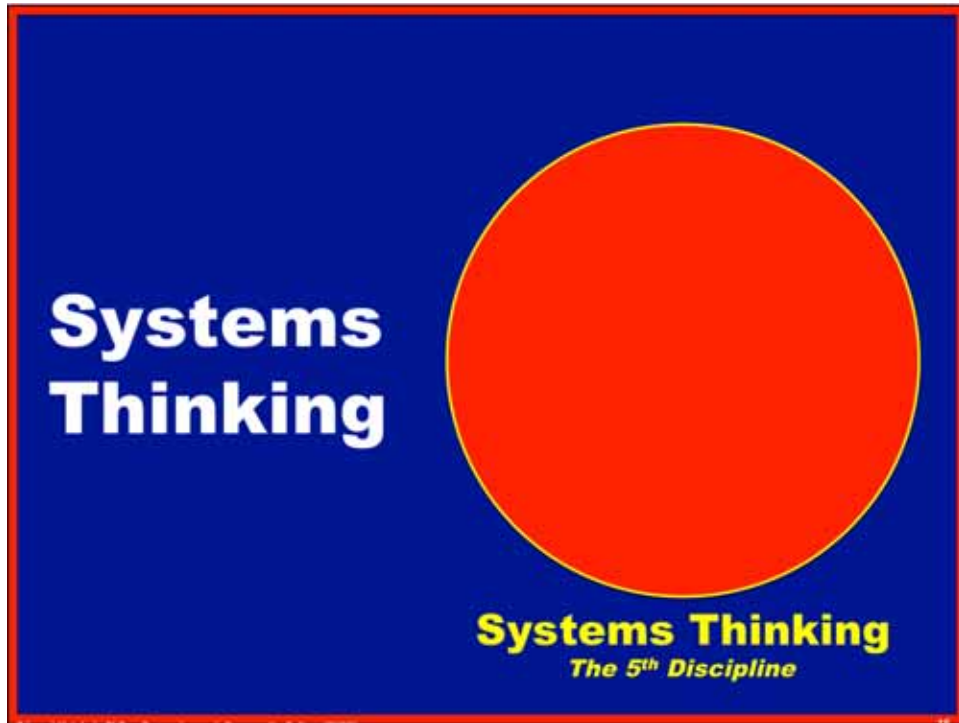


Sustainability

Senge's Five Disciplines



Systems Thinking



Personal Mastery

Maslow's Hierarchy of Needs

Socrates

Dojo Kun

ARMY.
BE ALL YOU CAN BE.
1-800-USA-ARMY

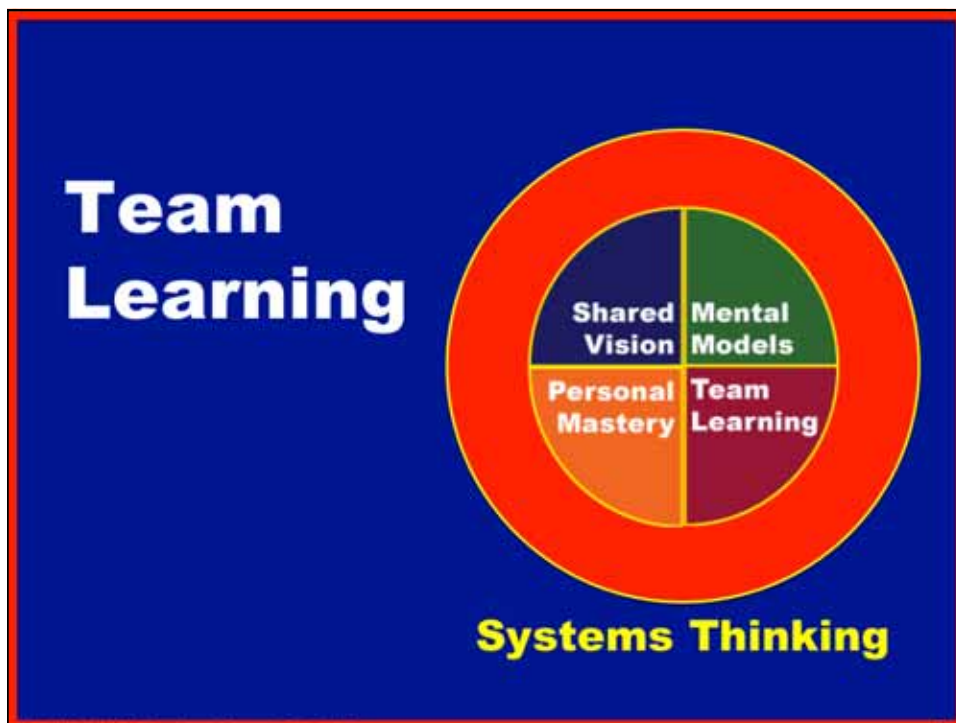
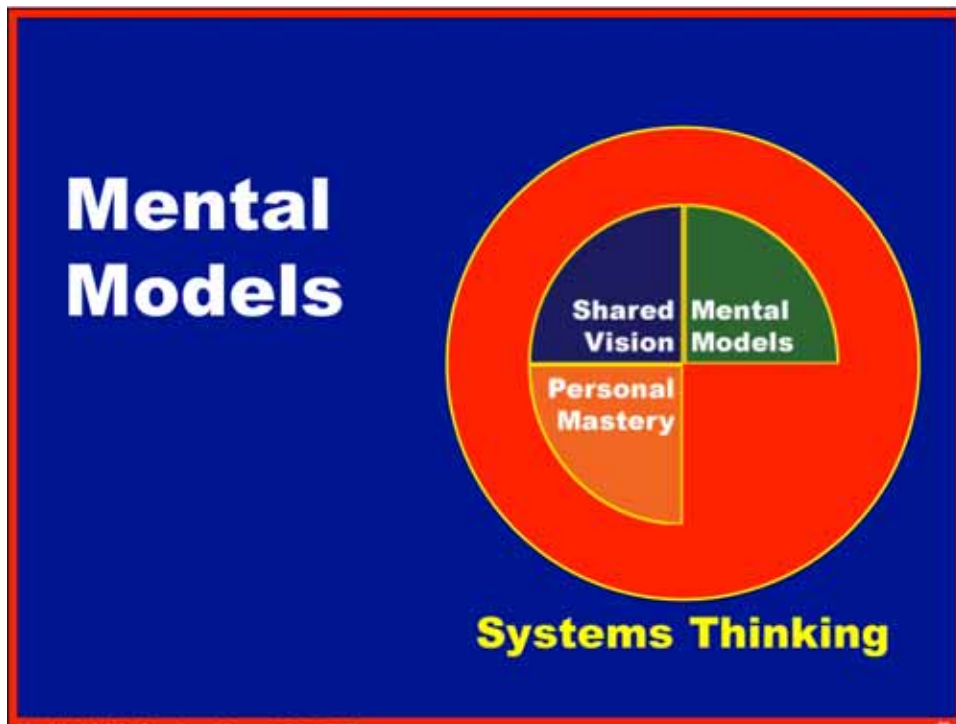
Shared Vision

1. Lofty Goals
2. Conversation
3. Be Positive

Shared Vision

Personal Mastery

Systems Thinking



Teammates Must Talk

- **Discussion**
- **Dialogue**

Plato

Aristotle



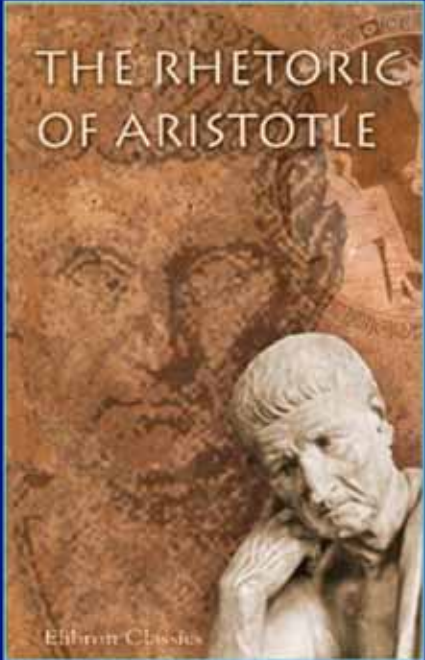
Raphael's School of Athens

Discussion

Civil Discourse

=

Persuasion



THE RHETORIC
OF ARISTOTLE

Elibron Classics

Dialogue

Think
Plato



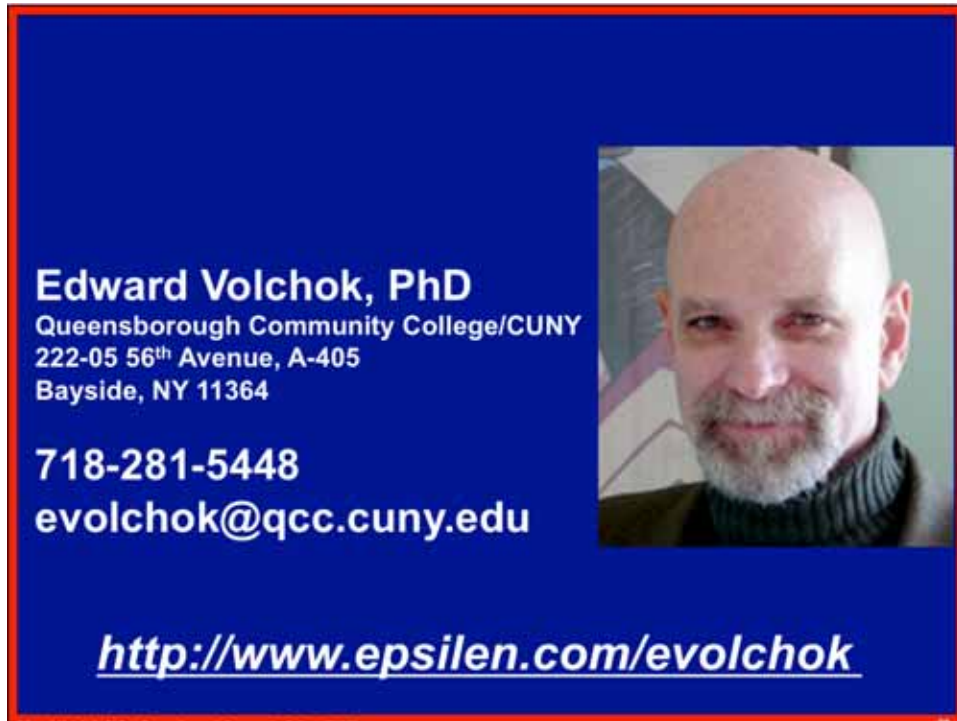
"Death of Socrates" by
Jacques-Louis David

Playing Socrates... **without drinking hemlock**



The Teacher's Roles

- **Teacher as Designer**
- **Teacher as Steward**
- **Teacher as Teacher**



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