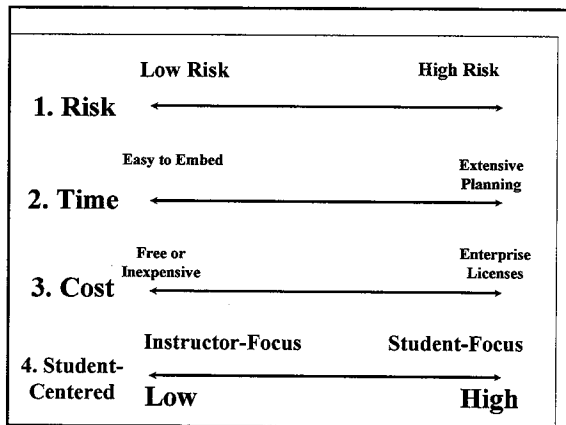
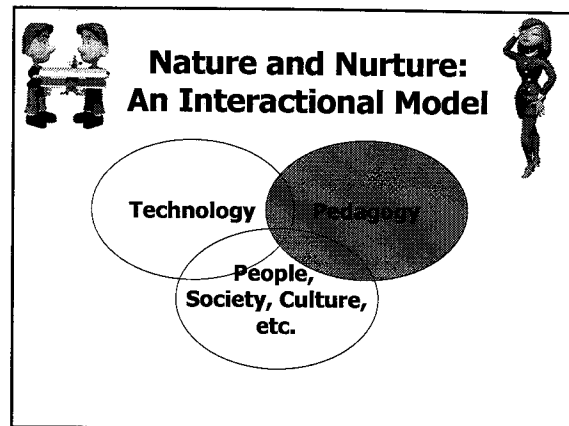

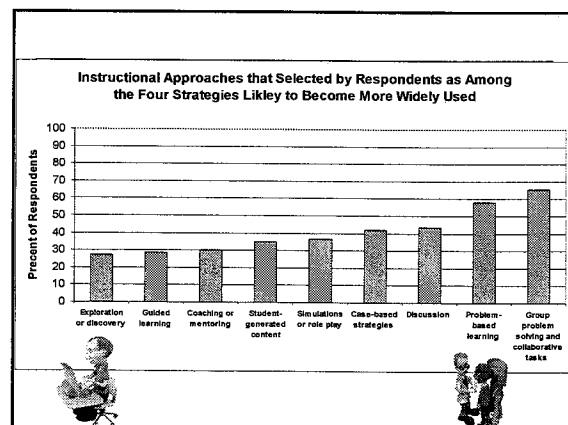


E-Learning: It's about Nature (technology) AND Nurture (pedagogy)
Curtis J. Bonk, Professor, Indiana University
 President, SurveyShare
 cjbonk@indiana.edu
<http://php.indiana.edu/~cjbonk>

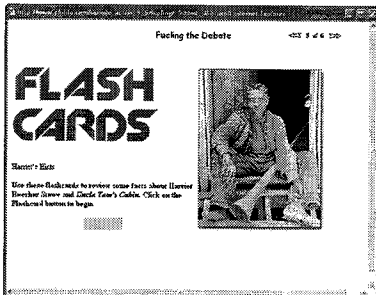


Three Most Vital Skills
 The Online Teacher, TAFE, Guy Kemshal-Bell (April, 2001)

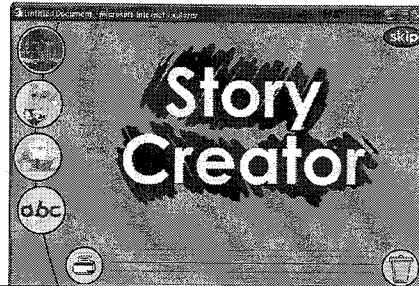
- Ability to engage the learner (30)
- Ability to motivate online learners (23)
- Ability to build relationships (19)
- Technical ability (18)
- Having a positive attitude (14)
- Adapt to individual needs (12)
- Innovation or creativity (11)

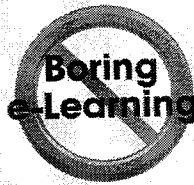
Online Drill (perhaps with Audio)
 (Electronic Classroom of Tomorrow (ECOT) in Ohio)



Online Stories (with Audio)
 (Electronic Classroom of Tomorrow (ECOT) in Ohio)



I. 14 Online Pedagogical Examples that are not boring!



Experience. The difference.

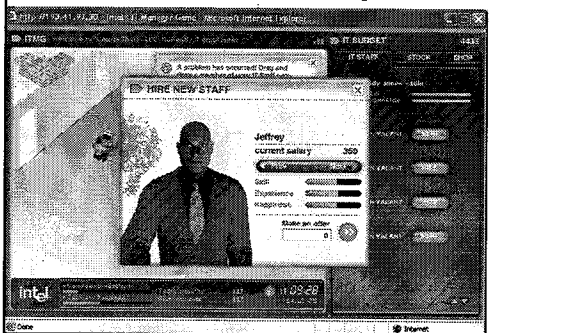
iEARN 2. Online Mentoring: iEARN and Other Examples

The iEARN community promotes collaboration among students and teachers around the world.

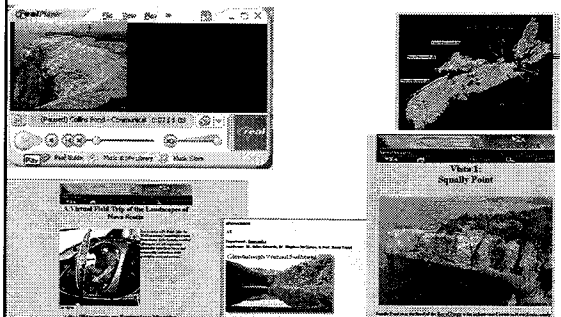
- is a non-profit organization; searchable database
- made up of over 20,000 schools in 109 countries
- empowers teachers and students to work together using new technologies
- Approximately 750,000 - 1,000,000 students each day are engaged in collaborative project work worldwide; ages 6-19
- Europe, Africa, Middle East, Latin America, Asia & Pacific, Australia/NZ, North America & Caribbean



2. Educational Simulations, Scenarios, and Manipulations



3. Exploration and Demonstration: Virtual Fieldtrip (Trinity College example)



4. Fostering Info Exchange: Critical/Constructive Friends, Email Pals...

The screenshot shows a forum post with a list of replies. The replies are:

- John Becker and Devin Davis
 - 3 Jan Zhang (5513) Thu, Dec 24, 2009, 17:38
 - 41 John Becker (5513) Fri, Feb 16, 2009, 15:33
 - 242 Devin Davis (5513) Fri, Mar 20, 2009, 22:59
 - 229 Devin Davis (5513) Sat, Mar 31, 2009, 01:54
 - 256 John Becker (5513) Tue, Apr 5, 2009, 12:09
 - 228 Devin Davis (5513) Tue, Apr 5, 2009, 09:45
 - 230 Devin Davis (5513) Sat, Mar 31, 2009, 02:22
- Nancy Holden and Candy Wilson Feedback
 - 4 Jan Zhang (5513) Thu, Dec 24, 2009, 17:38
 - 104 Nancy Holden (5513) Tue, Mar 6, 2009, 11:56
 - 125 Candy Wilson (5513) Thu, Mar 18, 2009, 20:09
 - 138 Nancy Holden (5513) Wed, Mar 21, 2009, 13:55
 - 140 Nancy Holden (5513) Thu, Mar 22, 2009, 07:33
 - 141 Candy Wilson (5513) Thu, Mar 22, 2009, 09:05
 - 152 Nancy Holden (5513) Fri, Mar 23, 2009, 14:18
 - 196 Candy Wilson (5513) Wed, Mar 22, 2009, 19:25
- Jessica Schmidt and Kim Burton Feedback
 - 4 Jan Zhang (5513) Thu, Dec 24, 2009, 17:39
 - 74 Jessica Schmidt (5513) Fri, Feb 23, 2009, 15:45
 - 82 Kim Burton (5513) Mon, Feb 26, 2009, 10:32

5. Practitioner Feedback: Asynchronous Threaded Discussion plus Sync Expert Chat (e.g., Starter- Wrapper + Sync Guest Chat)

The screenshot shows a forum post with a chat window overlay. The chat window contains the following text:

45. Real-time Chat is Enabled...And also More Async Questions for Bob, Erping, Julia, John, or Kira or anyone else.

Chat Room Posted on 11/05/01 07:14 PM
 Moderated by Bob Erping Wang on 11/05/01 07:57 PM

OK, start post more Chapter 2, 3, or 19 questions here Bob, John, Erping, Kira, Julia, and others might reply. Thanks

- Open this room for another session
- View the chat messages ordered by time
- View the chat messages ordered by threads

6. Online Data Collection Survey Research (e.g., WebSurveyor, Zoomerang, SurveyShare, SurveyKey)

The block contains three screenshots of online survey tools:

- SurveyShare.com:** A website interface for creating and managing surveys.
- Surveyor:** A website interface for online surveys without limits.
- SurveyConsole:** A website interface for creating surveys and getting feedback.

7. Real World: Internships and Field Experience Job Interviews

Field Definition Activity: Have students interview (via e-mail, if necessary) someone working in the field of study and share their results

- As a class, pool interview results and develop a group description of what it means to be a professional in the field



8. Exploration: Virtual Museums and Archeology

The screenshot shows a virtual museum website. The main content area features a 3D perspective view of a museum interior with various exhibits and a navigation interface. The text on the page reads: "An interactive virtual reality tour inside the archeology museum at the Maya ruins of Copan, Honduras."

9. Reflection and Observation: E-Portfolios

The screenshot shows an e-portfolio website for "John Doe". The website has a sidebar with navigation links: Home, Activities, Career Objectives, Education, Honors and Awards, Projects, Online Survey, Volunteer Activities, Work Samples, and Contact Information. The main content area is titled "My Career Objectives" and lists several goals:

- Have Fun:** Once this really need an explanation?
- Make Money:** I know this doesn't need an explanation
- Retire Early:** End of Chapter 1. Then the rest of my life's story will unfold.

10. Video Library of Concepts, Cases, or Experts

11. Goal Driven & Product Based: B. PBL

1. Asks a guiding question or poses a problem that each student can answer (e.g., What do nocturnal animals do while we're sleeping?)
2. Involves in concrete, hands-on experiences—filed trips, experiments, posters, presentations
3. Asks students to investigate issues & topics addressing real-world problems (in-depth)
4. Fosters abstract, intellectual tasks to explore complex issues (e.g., make judgments, interpret, synthesis, etc.)



12. Yahoo Groups: Lurk in an Online Group

13. Online Collaboration and Editing

14. Gallery Tours, Team Products

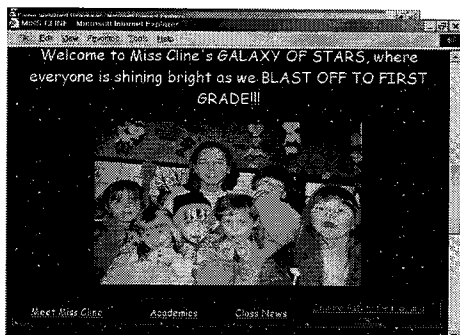
- Team or Course White Paper, Business Plan, Study Guide, Glossary, Journal: Have students work in teams to produce a product and share with other groups
- Post work to online gallery. Expert Review and rate projects (authentic audience)
- Students generate products for the class



The TICKIT Project



More Example Projects



Part II. Mucho Motivation



Brainstorm #3: Why are computers motivating?



Intrinsic Motivational Terms

1. **Tone/Climate:** Psych Safety, Comfort, Belonging
2. **Feedback:** Responsive, Supports, Encouragement
3. **Engagement:** Effort, Involvement, Excitement
4. **Meaningfulness:** Interesting, Relevant, Authentic
5. **Choice:** Flexibility, Opportunities, Autonomy
6. **Variety:** Novelty, Intrigue, Unknowns
7. **Curiosity:** Fun, Fantasy, Control
8. **Tension:** Challenge, Dissonance, Controversy
9. **Interactive:** Collaborative, Team-Based, Community
10. **Goal Driven:** Product-Based, Success, Ownership

1. Tone/Climate: Ice Breakers

A. Eight Nouns Activity:

1. Introduce self using 8 nouns
2. Explain why choose each noun
3. Comment on 1-2 peer postings



B. Coffee House Expectations

1. Have everyone post 2-3 course expectations
2. Instructor summarizes and comments on how they might be met



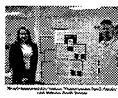
2. Feedback. A. Student Self-Testing (e.g., Calm Chemistry)



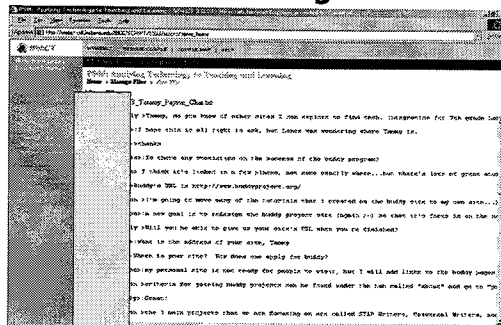
2. Feedback: B. Web-Supported Group Reading Reactions

1. Give a set of articles.
2. Post reactions to 3-4 articles that intrigued them.
3. What is most imp't in readings?
4. React to postings of 3-4 peers.
5. Summarize posts made to their reaction.

(Note: this could also be done in teams)



3. Engagement A. Brainstorming Chat



3. Engagement B. Questions to Guide Reading

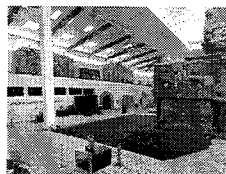
Study Questions to Guide Your Reading

1. The 7-9 model provides a conceptual framework for helping leaders and managers think through the challenges of aligning an organization with its strategy. What are the symptoms of misalignment (i.e., when there are misfits between strategy and the 7-9)?
2. Stake et al. suggest that inter-firm competition has shifted from competing on assets to competing on capabilities. What is a "capability"? How can a capability be used to compete with other firms?

4. Meaningfulness: A. Authentic Data Analysis



An informative virtual reality view inside the archaeology museum at the Maya ruins of Copan, Honduras.



This should be a new window. If you are waiting for the download you can go back to surfing in your original window. (Including VR) Hold down your mouse inside the frame to move around. Use the Oppos 1 key (ESC key in Windows) to zoom in. Use the control key to zoom out.

4. Meaningfulness: A. Authentic Data Analysis. Portals

Google



The complete plays of Shakespeare. Now at your fingertips.

In Shakespeare's day, getting on with the other "guy" for the modern printing press to bring the best for the student to become one.

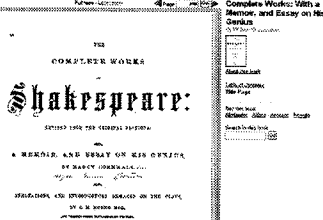
Now Shakespeare's works is more accessible to read the rest of his famous catalog. Find out who can through a similar play - to follow your journey to the buy a copy. "All editions" will show you every version available for purchase.

Comedy **Tragedy**

The Comedy of Errors
This is the first and last of Shakespeare's comedies. It is a farce, a play of mistaken identity. How many of you have seen it? How many of you have read it?

Love's Labor's Lost
This is a comedy of mistaken identity. It is a play of mistaken identity. How many of you have seen it? How many of you have read it?

Medea




5. Choice: A. Multiple Topics

- Generate multiple discussion prompts and ask students to participate in 2 out of 3
- Provide different discussion "tracks" (much like conference tracks) for students with different interests to choose among
- List possible topics and have students vote (students sign up for lead diff weeks)
- Have students list and vote.

5. Choice:

B. Discussion: Starter-Wrapper (Hara, Bonk, & Angeli, 2000)



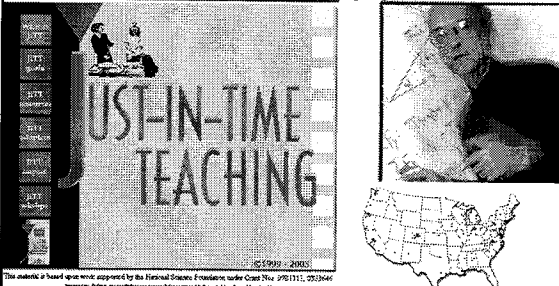
1. Starter reads ahead and starts discussion and others participate and wrapper summarizes what was discussed.
2. Start-wrapper with roles--same as #1 but include roles for debate (optimist, pessimist, devil's advocate).

C. Alternative: Facilitator-Starter-Wrapper (Alexander, 2001)

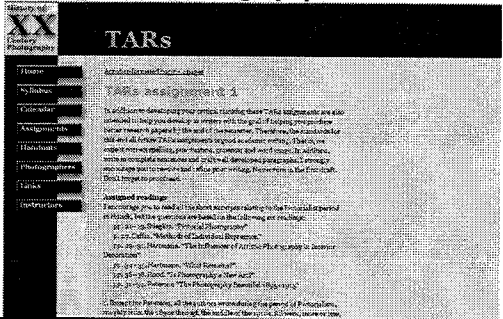
Instead of starting discussion, student acts as moderator or questioner to push student thinking and give feedback

6. Variety: A. Online Warm-Up Activities Just-In-Time-Teaching (JiTT)

<http://webphysics.iuui.edu/jitt/jitt.html>

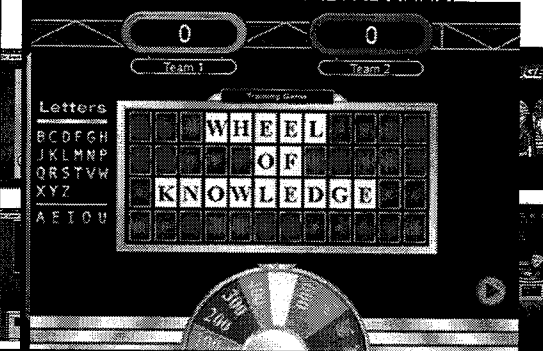


6B. Variety: Thinking About the Readings (TARS) JiIT; Claude Cookman, IU, Photography Class




7. Curiosity: A. Online Games

www.km-solutions.biz/caa/quiz.zip



8. Tension: A. Online Role Play of Scholars, Personalities, or Famous People

- Enroll famous people in your course
- Students assume voice of that person for one

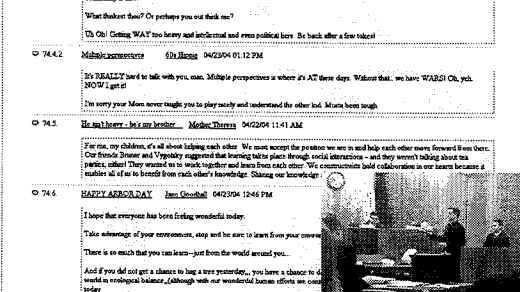


24.3 I am so wise, so listen. Aristotle 11/25/03 05:49 PM

- Training Magazine might have a a little bit of a bias too. Also, I h boring instructional animations and videos. Classroom or e-learnin a good audiotape - they can all be good for learning. Cost-effectiv to go away as an issue, so we might as well face it instead of sayin learning is better than another - because it costs more! How did y of the Huns? Didn't you compare prices on spears and horses bef global conquests?

24.3.1. Again my opinion - e-learning is NCT cost-effective and is NOT value for money, and does NOT equate good quality. Attila the Hun

8. Tension: B. Online Role Plays, Debates, Mock Trials



What student flow? Or perhaps you are thick me?

24.4.2. I'm OK. Doing WAY too heavy and technical and even political here. Be back after a few weeks!

24.5. It's REALLY not to talk with you, man. Multiple perspectives is where it's AT these days. Without that, we have WARS! Oh, yeh, NOW I get it!

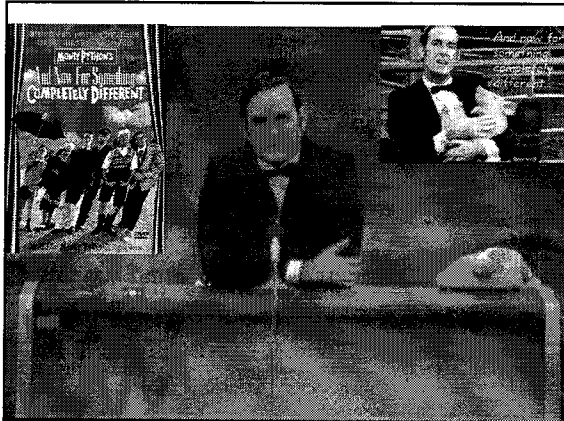
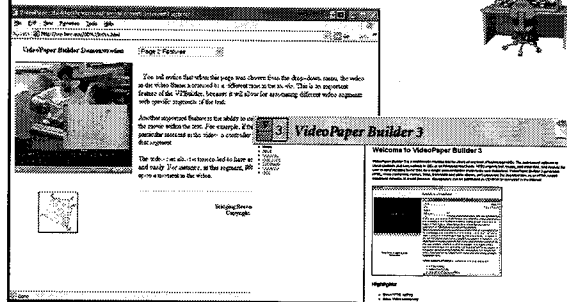
24.6. HAZY AFTERNOON! I hope that everyone has been feeling wonderful today.

9. Interactive



- A. Panels of Experts: Be an Expert/Ask an Expert:** Have each learner choose an area in which to become expert and moderate a forum for the class. Require participation in a certain number of forums (choice)
- B. Press Conference:** Have a series of press conferences at the end of small group projects; one for each group
- C. Symposia of Experts**

10. Product-Based: A. Video Papers. Grounded Research and Production. Video Paper Builder (<http://vpb.concord.org/>)



Part III. Addressing Learning Styles



Why Address Learning Styles?

- Promotes reflection on teaching
- Move from just one mode of delivery
- View from different viewpoints
- Offer variety in the class
- Might lower drop-out rates
- Fosters experimentation



Kolb (1984)



- According to Kolb, effective learning involves four phases:
 - from getting involved (Concrete Experience) to
 - listening/observing (Reflective Observation) to
 - creating an idea (Abstract Conceptualization) to
 - making decisions (Active Experimentation).
- A person may become better at some of these learning skills than others; as a result, a learning style develops.



Active Experimentation vs. Reflective Observation

- (AE) - I often produce off-the-cuff ideas.
- (RO) - I am thorough and methodical.
- (AE) - I am flexible and open minded.
- (RO) - I am careful and cautious.
- (AE) - I am loud and outgoing.
- (RO) - I am quite and somewhat shy.

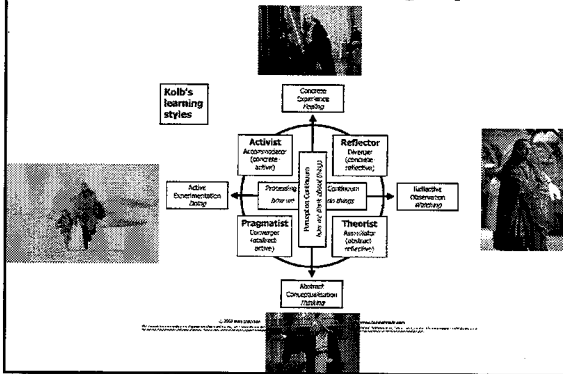


Abstract Conceptualization vs. Concrete Experiences

- (AC) - I am rational and logical.
- (CE) - I am practical and down to earth.
- (AC) - I plan events to the last detail.
- (CE) - I like realistic, but flexible plans.
- (AC) - I am difficult to get to know.
- (CE) - I am easy to get to know.



The Blending of Learning Styles

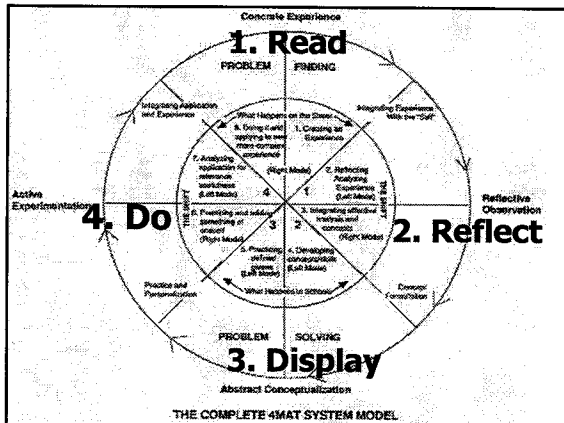


Index of Learning Styles Questionnaire

Barbara A. Soloman, North Carolina State Univ
<http://www.engr.ncsu.edu/learningstyles/ilsweb.html>

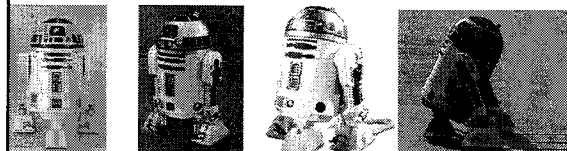


- If I were a teacher, I would rather teach a course
 - (a) that deals with facts and real life situations.
 - (b) that deals with ideas and theories.
- I prefer to get new information in
 - (a) pictures, diagrams, graphs, or maps.
 - (b) written directions or verbal information.



The R2D2 Method

1. Read (Auditory and Verbal Learners)
2. Reflect (Reflective Learners)
3. Display (Visual Learners)
4. Do (Tactile, Kinesthetic, Exploratory Learners)



1e. LangMedia's Resources for Language and

LangMedia
French in Quebec Canada

French in Canada Index <ul style="list-style-type: none"> French Content Index Language by Country Index Feedback Survey Very short! 	Basic Communications <ul style="list-style-type: none"> Grammar and Porting Asking for Directions Using the Telephone The Internet 	Culture and Social Life <ul style="list-style-type: none"> Relaxing Out Entertainment Time
	Necessities <ul style="list-style-type: none"> Restrooms Hotels Emergencies Laundry Trash and Recycling 	Shopping and Services <ul style="list-style-type: none"> Banks and Money Food Shopping Household Goods Pharmacies The Post Office

1f. Students and Teachers, From K to 12, Hit the Podcasts 106

TEACHING TOOL: At Longfellow Middle School in La Crosse, Wis., students produce podcasts that are syndicated over Apple's iTunes music store.

Photograph by Andy Mautz for The New York Times

By **JEFFREY SELINGO**
Published January 25, 2006

Send it to: [E-Mail This](#)
[Print This](#)
[Bookmark](#)
[Share](#)

THE subjects were typical for a seventh-grade classroom: a summary of a madwoman's megalomaniacal struggles on inventing memory and making

1g. Language Learning (ChinesePod—learn Mandarin)

Learn Mandarin on Your Terms

Podcast Archive

Episode 111: Jenny Zhu

ChinesePod

Jenny Zhu

You're for about 10-15 minutes to become fluent in Mandarin, which means we can't be as strict on the pronunciation of Pinyin, and we've included the Pinyin, which should help you remember. This is important. You are speaking. You're talking about the world. You're able to talk about the Mandarin world. ChinesePod works with you to help you learn, because ChinesePod is here.

USE TO DOWNLOAD THIS EPISODE (Right-click, save as):
[ChinesePod111.mp3](#)

2. Reflective and Observational Learners

- Reflective and observational learners prefer to reflect, observe, view, and watch learning; they make careful judgments and view things from different perspectives



2a. Post Model Answers

Employment Law and Ethics Project

Question 1

Would it be illegal for Lewis to recommend Billings instead of Lewis? Explain, being specific about the legal doctrines that would apply?

Answer 1

Under both Title VII of the 1964 Civil Rights Act and Section 1981 it is illegal to discriminate on the basis of race or color, and Lewis would likely win a lawsuit using the claim of disparate treatment if he were not recommended for the promotion. If Lewis does not recommend Lewis, she is guilty of violating the law. None of the three primary defenses—seniority, merit, or bona fide occupational qualification—apply to this situation since Lewis has higher seniority, equal skills, and more direct experience with power tools, than does the other candidate Frank Billings.

Title VII "prohibits discrimination based on race, color, religion, sex, and national origin in hiring, firing, job assignments, pay, access to training and apprenticeship programs, and most other employment decisions." ARPCO is a covered entity under Title VII because they are "employing 15 or more employees and engaging in an industry affecting interstate commerce" and as the case factbooks point out "as of November 21, 1991, the Civil Rights Act of 1991 extended protection from discrimination in employment to U.S. citizens working in foreign countries while employed by U.S. firms"

In this case, Title VII's disparate impact is not applicable since ARPCO's policy clearly states to "promote the most

2b. Reuse Chat Transcripts

SiteScape Forum

47. Week 9: Chat 4MAT with Bernice McCarthy March 10th from 5-6 pm

Created by **Cher-Rose** on 02/15/04 11:24 PM
 Modified by **Cher-Rose** on 02/15/04 06:01 PM

Total Answers: 08 [View recent answers who have accessed this content...](#)

OK, it is time to be 4MATed. This is a chat with Bernice McCarthy!



- [Open the chat for single content](#)
- [View the chat transcript ordered by date](#)
- [View the chat transcript ordered by thread](#)

Answers:

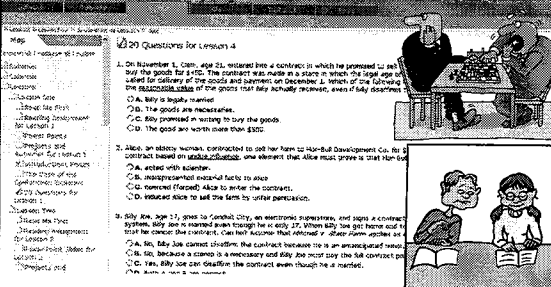
- 00 [View transcript](#)
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- 00 [View transcript](#)
- 00 [View transcript](#)

2c. Workplace and Field Reflections

1. Instructor provides reflection or prompt for job related or field observations
2. Reflect on job setting or observe in field
3. Record notes on Web and reflect on concepts from chapter
4. Respond to peers
5. Instructor summarizes posts

2d. Preclass Exam and Short Quizzes Practice

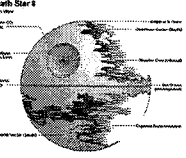



20 Questions for Lesson 4

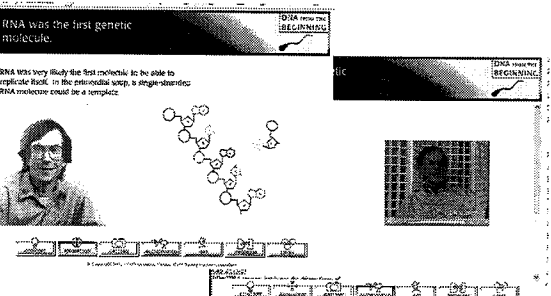
1. On November 1, Sam, age 21, entered into a contract in which he promised to sell the goods for \$100. The contract was made in a store in which the sign said "Sale for Delivery of the goods and payment on December 1. Which of the following is the status of the goods that Sam actually received, even if they do not?
 - A. Sam is legally married.
 - B. The goods are necessities.
 - C. Sam promised to return to buy the goods.
 - D. The goods are worth more than \$100.
2. Alice, an elderly woman, contracted to sell her farm to Horatio Development Co. for a contract based on substantial facts. One element that Alice must prove is that Horatio:
 - A. acted with scienter.
 - B. misinterpreted material facts to Alice.
 - C. named Horatio Alice to enter the contract.
 - D. reduced Alice to sell the farm by unfair persuasion.
3. Billy Joe, age 21, goes to Cornish City, an electronic marketplace, and signs a contract system. Billy Joe is married even though he is only 21. When Billy Joe got home and told his mother the contract, she told him that he had not signed a contract. Billy Joe cannot disaffirm the contract because the contract is an emancipated minor.
 - A. No, Billy Joe cannot disaffirm the contract because he is an emancipated minor.
 - B. No, because a minor is a necessary and Billy Joe must pay the full contract price.
 - C. Yes, Billy Joe can disaffirm the contract even though he is married.
 - D. Yes, Billy Joe can disaffirm the contract even though he is married.

3. Visual Learners

- Visual learners prefer diagrams, flowcharts, timelines, pictures, films, and demonstrations.

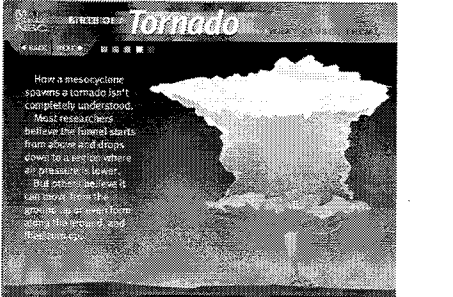
3a. Animations, Video Clips, Audio, Pictures, Web Resources, etc.



RNA was the first genetic molecule.

DNA was very likely the first molecule to be able to replicate itself. In the primordial soup, a single-stranded RNA molecule could be a template.

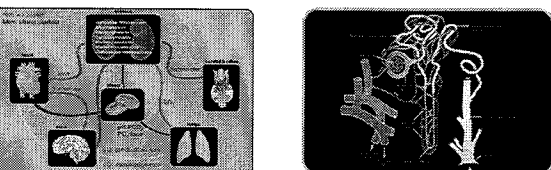
3b. Interactive News on Web



Tornado

How a mesocyclone spawns a tornado isn't completely understood. Most researchers believe the funnel starts from above and flows down to a surface where air pressure is lower. But others believe it can travel from the ground up or even form along the surface and rise.

3c. Flowcharts, Diagrams, Maps, etc.



Elements in the system for control of oxygenation in the human body (e.g., the Kidney): From: Next-Generation Educational Software Why We Need It and a Research Agenda for Getting It. Van Dam, Becker, & Simpson, *Educause Review*, March/April 2005

