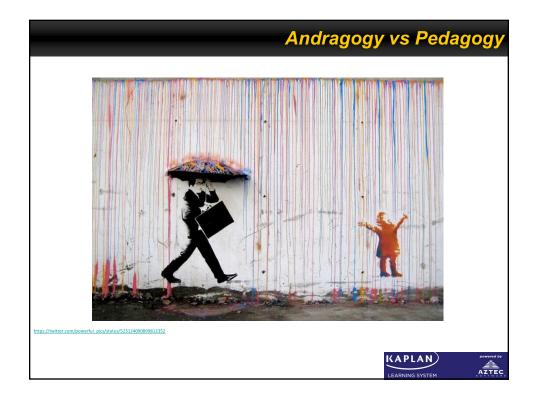
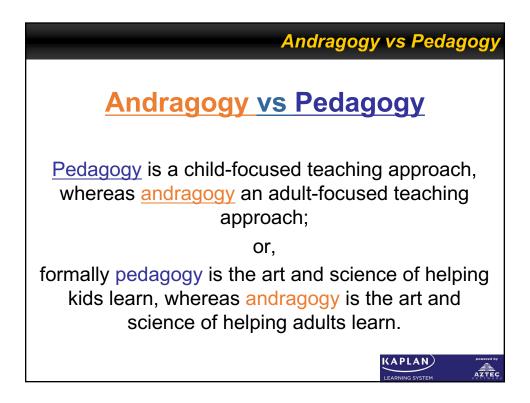
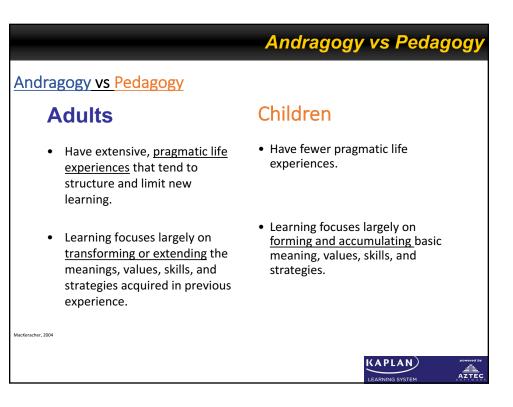
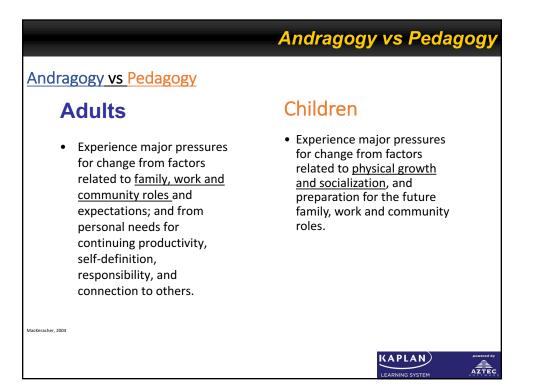


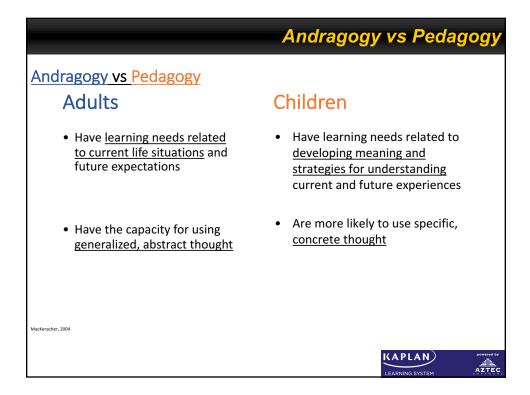
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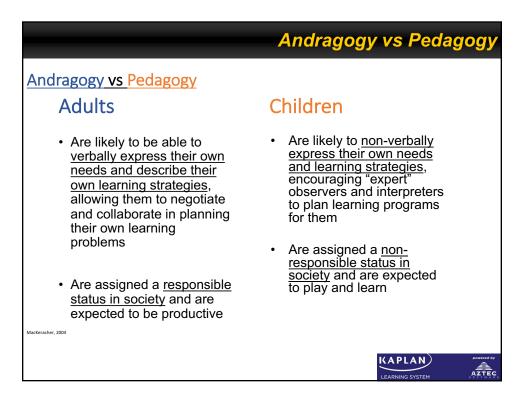






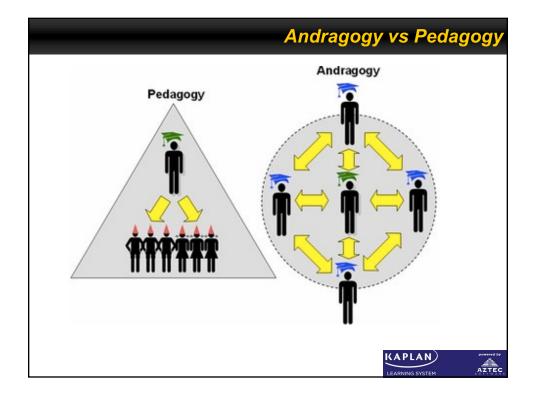


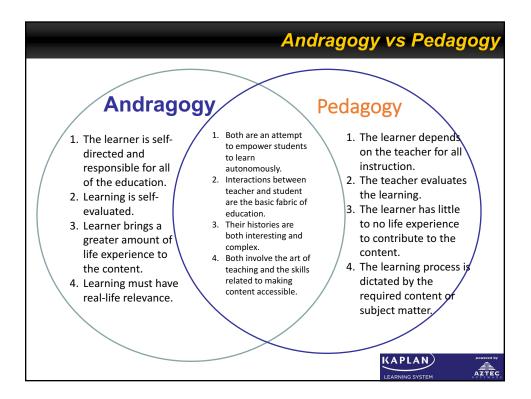


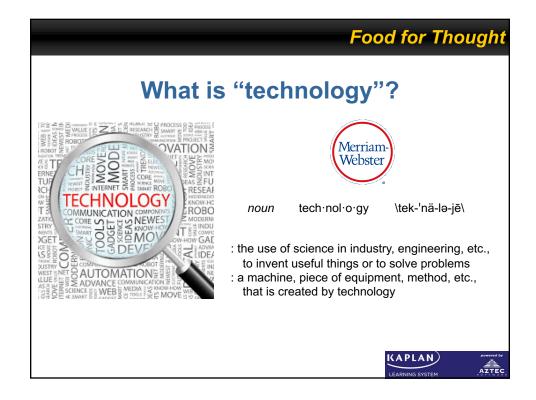


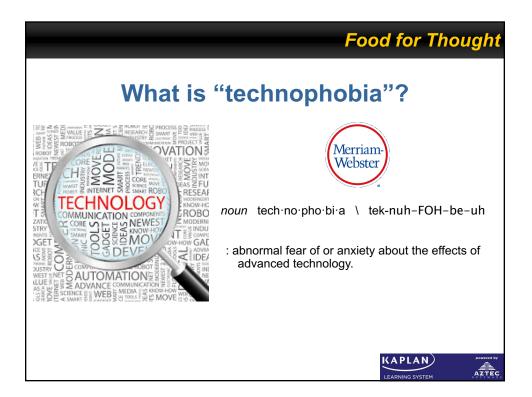
	Andragogy vs Pedag	
Differences Between Children and Adults as		
Learners		
ADULTS	CHILDREN	
Decide for themselves what is important to be learned	Rely on others to decide what is important to be learned	
Need to validate the information based on personal beliefs and experiences	Accept information being presented at face value, facts	
Expect what they are learning is immediately useful	Expect what they are learning to be useful in their long-term future	
Have life experience upon which to draw – may have fixed viewpoints	Have little or no experience upon which to draw – are relatively "clean slates"	
Significant ability to be a knowledgeable resource to instructor and fellow learners	Little, or no, ability to serve as a knowledgeable resource to teacher or fellow classmates	

	Andragogy vs Pedagogy			
Differences Between Andragogy and Pedagogy				
ANDRAGOGY	PEDAGOGY			
Climate of mutual respect and collaboration	Format and <u>authoritative climate;</u> traditional classroom environment			
Planning, diagnosis of needs and formulation of objectives is done with mutual cooperation and negotiation	Teacher is in control of planning, diagnosis of needs, and formulation of objectives			
Evaluation and progress measured by mutual discussion between student and instructor	Evaluation and progress measured by the teacher			
Problem solving approach to delivery of information	Subject centered delivery of information			
Extremely <u>conducive to self-directed</u> <u>learning</u> and individual initiative to learn more	Little self-directed learning as the student looks to the teacher for all learning cues			

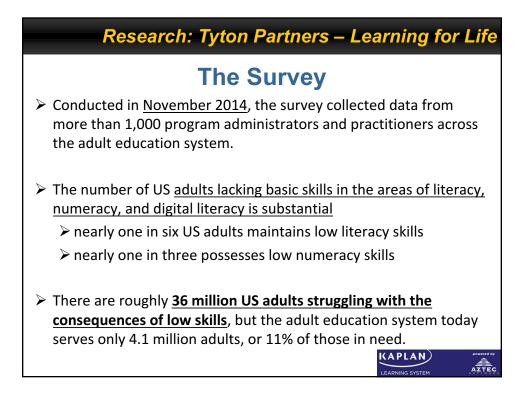


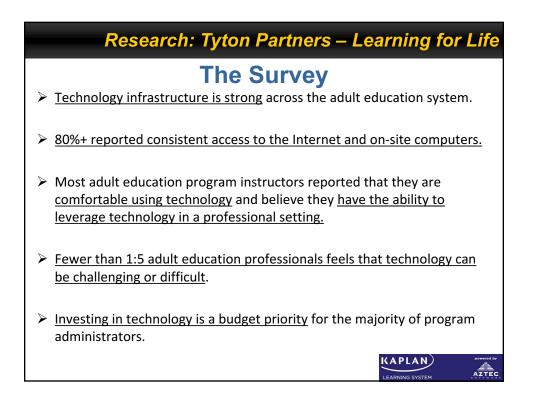


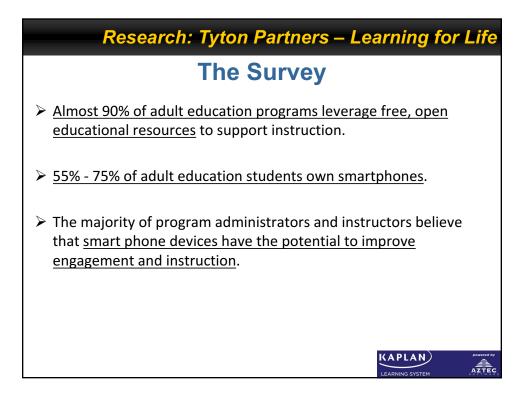


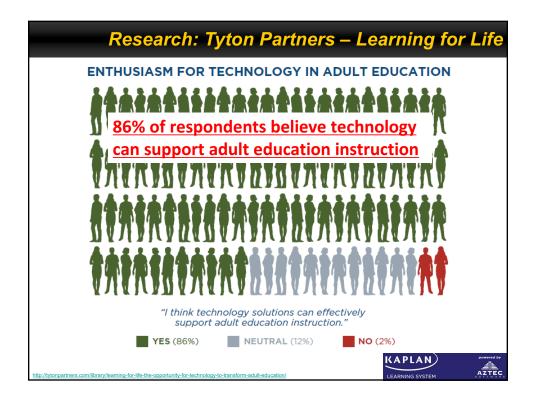


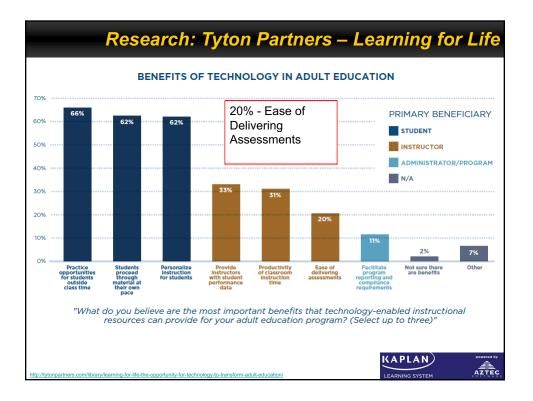


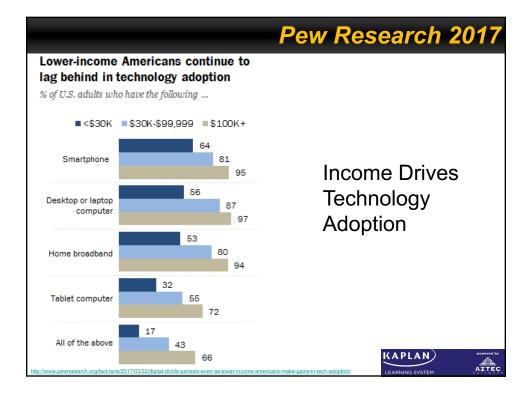


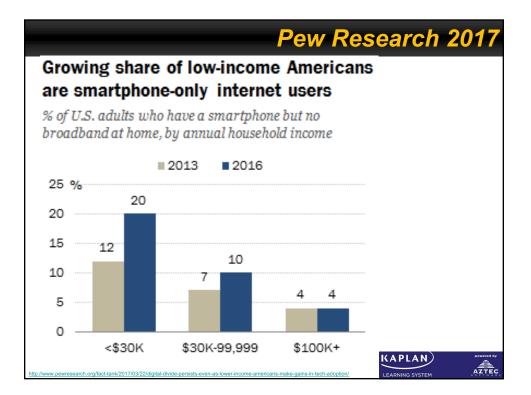


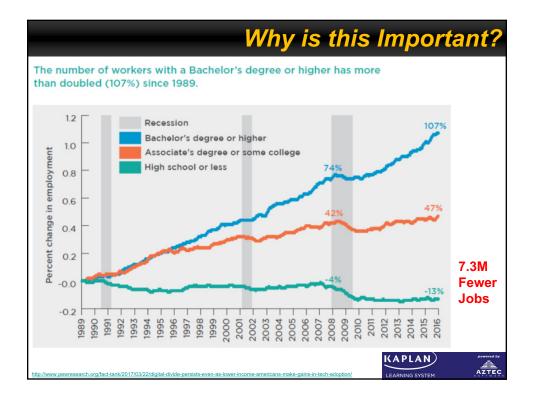


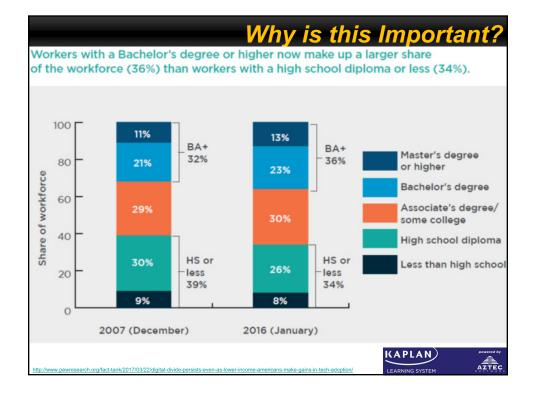


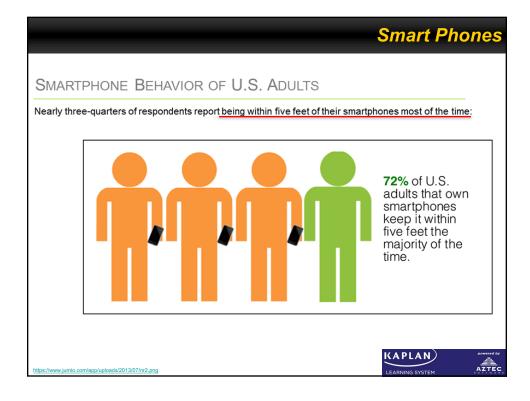




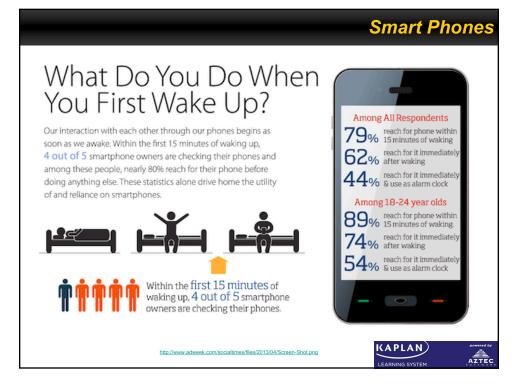


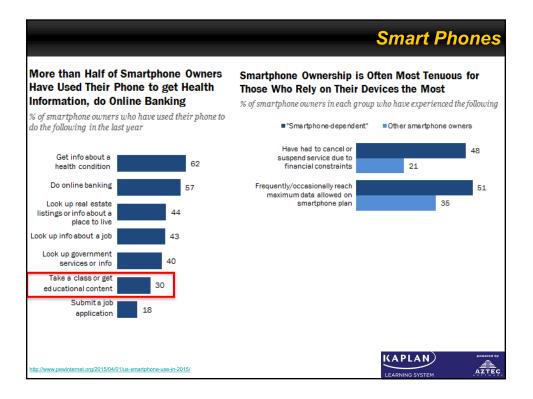






		Smart Phones
Where do people	e check their pho	ones?
54%           54%           Mile bying in bad           (14, bring winder)           AGE 18-34:           63%           AGE 554:           20%	& AGE 35-44: AGE 45-54:	AGE 35-44: 42% AGE 45-54: 32% AGE 55+: 17%
http://freshpeel.com/wp-content/uploads/2012/06/Where_People_Check	Mobile_Phones.png	

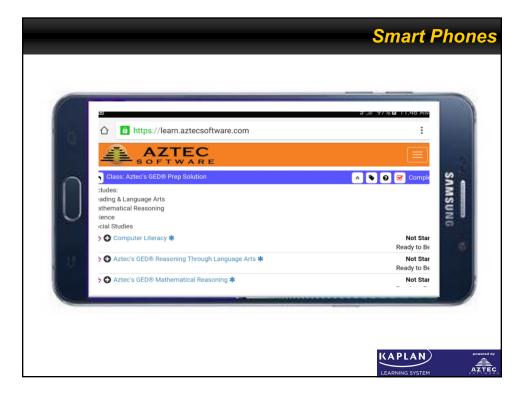


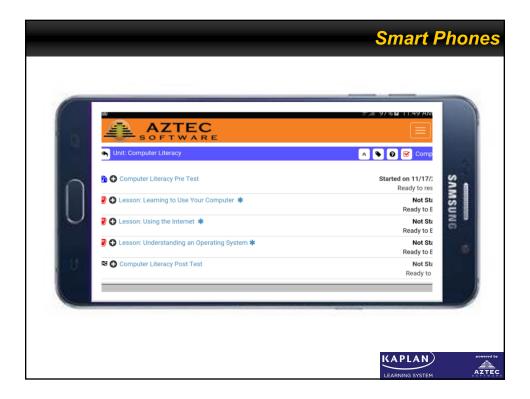


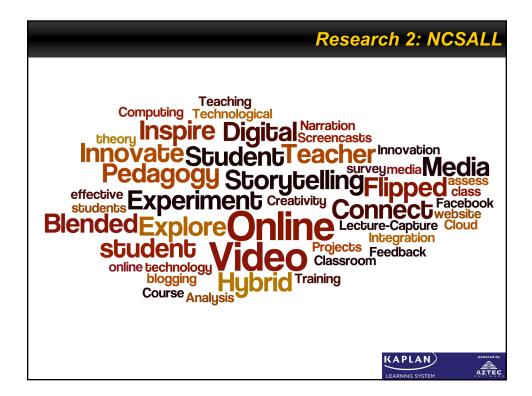


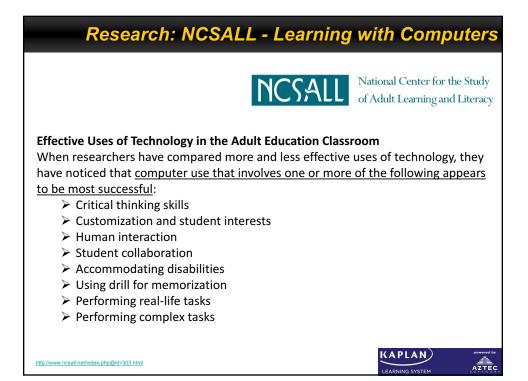
	Smart Phones
SAM SUNC SAM SUNC SAM SUNC SAM SUNC SUBJECTION Sign in Sign in Username Resin student Username Password are case sensitive Password are case sensitive Password Comment of the structures Remember me Sign in Forgot your password? Resend unlock instructions?	
© Artec Software 2014 <u>Privacy Policy Terms and Conditions FEIPA</u>	KAPLAN LEARNING SYSTEM

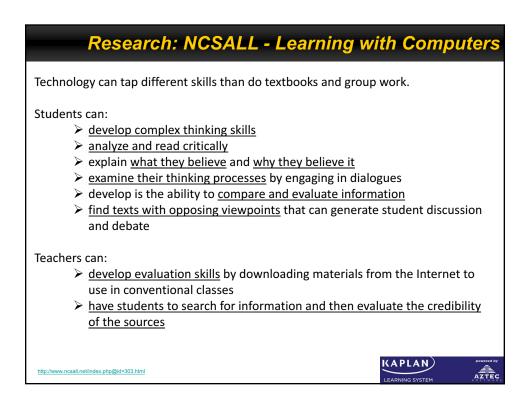


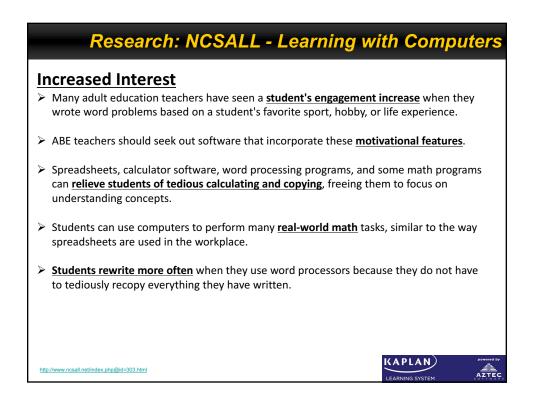




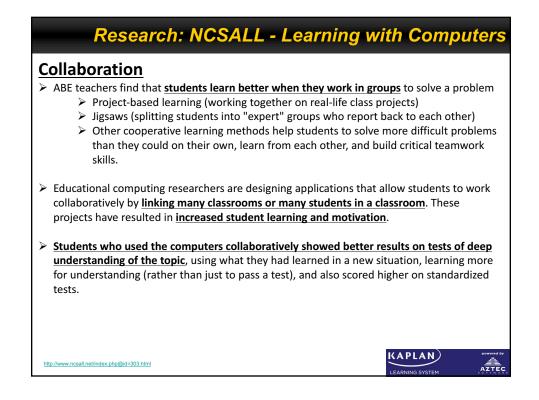


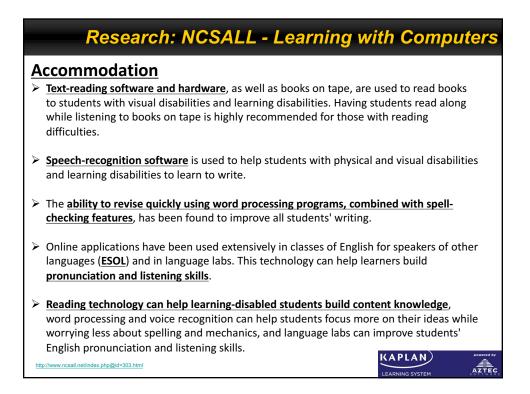






Research: NCSALL - Learning with Computers
Interactivity
Studies of both traditional pencil-and-paper methods and distance learning show that student-teacher and student-student interaction are vital to enabling students to learn.
Interactive methods include real-time chat rooms, electronic discussion lists and bulletin boards, threaded discussion lists, telephone conferencing, and face-to-face meetings.
Building human interaction into distance learning may be more effective because teachers and fellow students ask questions that require high-level thinking skills.
Game-type interaction is not enough to keep distance learning students engaged.
Much educational software is called interactive, but does not truly "interact" with the student: it just tells if a question is answered correctly. This helps to memorize facts but not build deep understanding or critical thinking skills.
Only the most sophisticated artificial intelligence programs developed by universities can give constructive feedback similar to the interaction between a human teacher and a student.
http://www.ncsall.net/index.php@id=303.html





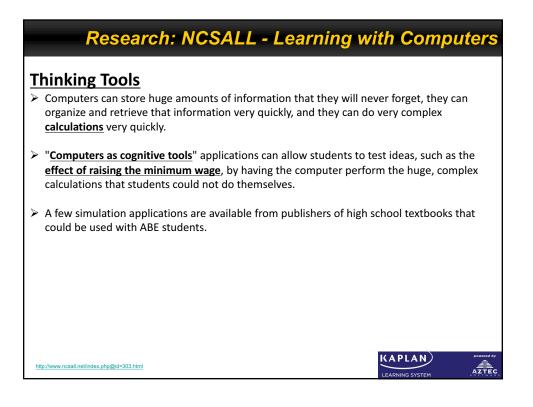
## **Research: NCSALL - Learning with Computers**

## **Memorization**

- Most education researchers agree that <u>multiplication and addition tables</u> and correct spelling must be memorized. This information needs to be "overlearned" so that the answers come automatically, without thinking, freeing students' minds to think about and understand what they are doing. <u>Computers can be an excellent tool for</u> <u>memorization of basic facts</u>. Thousands of drill-based programs have been developed for schools, and they are largely successful at reinforcing disconnected skills.
- Several studies have shown that students who have trouble with basic skills benefit from computer practice on a small number of items at a time. For facts that need to be memorized, drill-based programs can provide effective practice on students' weak areas and can accelerate training. <u>ABE teachers can use drill-and-practice strategically, to reinforce basic skills when students need more practice and more variety than they are getting from paper-and-pencil tasks.</u>
- Adult learners in particular want learning to be relevant and useful. <u>Technology has been</u> <u>effective when it is used in classrooms to do real-life tasks</u>: writing a resume, making a household budget using a spreadsheet, or searching for health information on the Internet. Researchers have found that when software includes tasks in which students are interested, they learn better.

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http://www.ncsall.net/index.php@id=303.html



## **Research: NCSALL - Learning with Computers**

## **Implications**

1. Do not count on educational software as a stand-alone tool. Put it in a context for students by having discussions before and after they use it.

2. <u>Have students work together</u> at the computers with other learners, or via e-mail as much as possible, so that they can help each other, learn from each other, and learn by discussing what they are doing.

3. <u>Give real-life assignments to students using the computer</u>: research a business plan, produce a newsletter for the school, learn about a health problem that affects them or a family member. Teach and reinforce computer skills that require students to think critically.

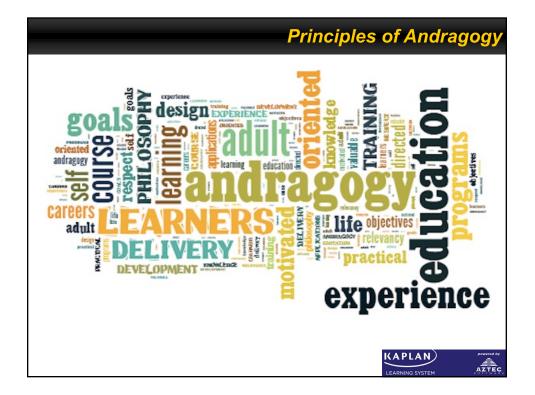
4. Use drill software sparsely and strategically to build basic skills. Choose drills that allow students to practice in a meaningful context.

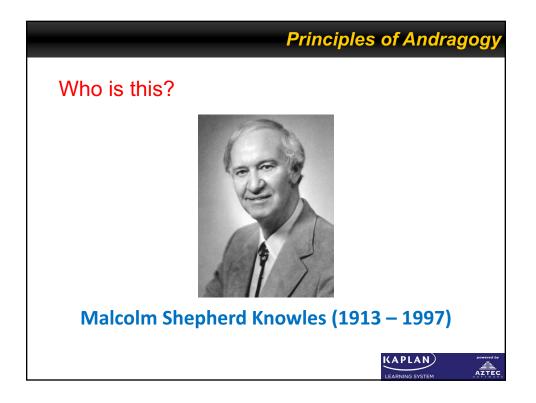
5. <u>Use the Internet</u> to allow students to read about, hear, and see new places and things that **expand their knowledge of the world**.

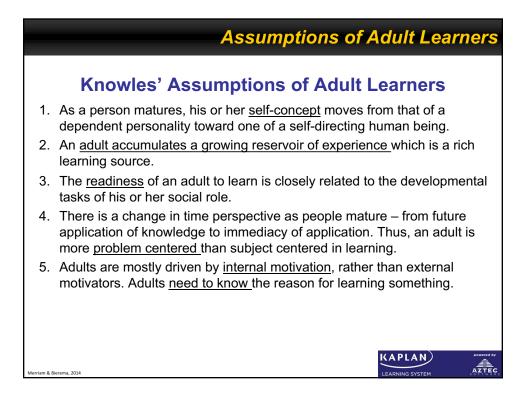
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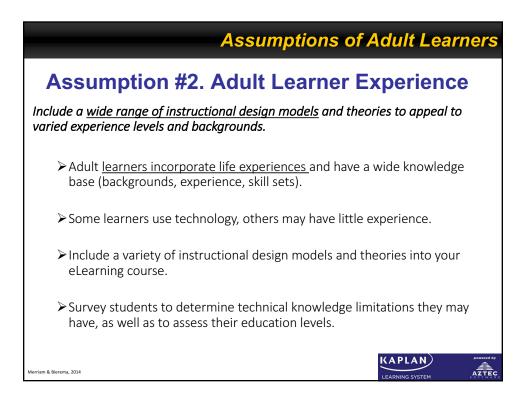
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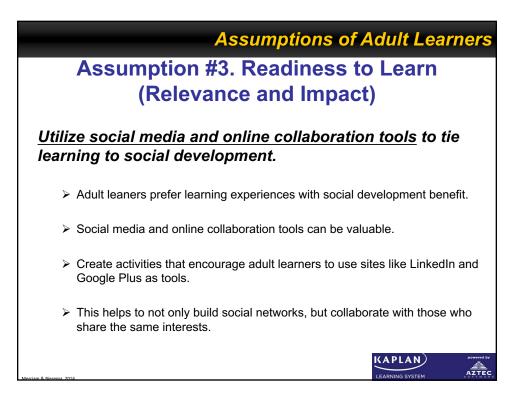


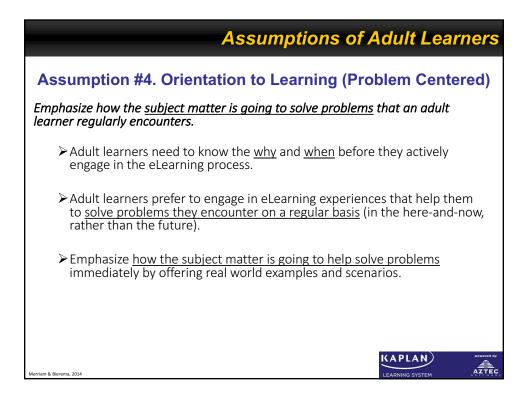


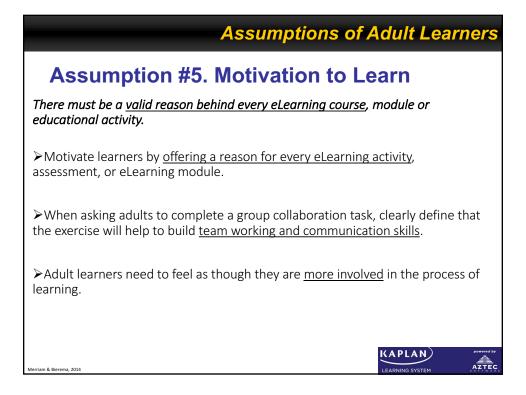


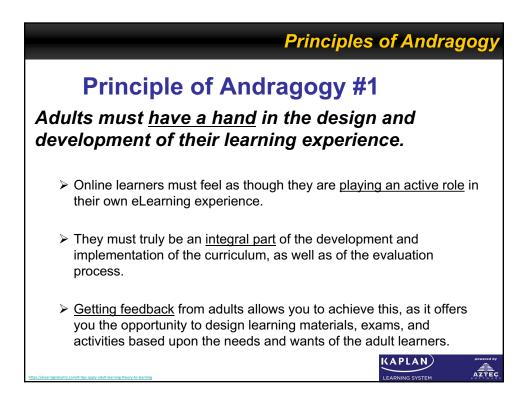
Assumptions of Adult Learners
Assumption #1. Self-Concept – Involve Adult Learners
Create learning experiences that offer <u>minimum instruction and</u> <u>maximum autonomy</u> .
Adult learners need a <u>support system to offer guidance and help</u> , while still allowing students to learn on their own terms.
Adult learners acquire new information and build upon existing knowledge more effectively if they are encouraged to <u>explore a topic on their own</u> .
Adult learners will typically get more out of the experience if they are able to work <u>autonomously</u> (Self-Study or Group Collaboration Projects, Simulations, Scenarios).
Merriam & Bierema, 2014

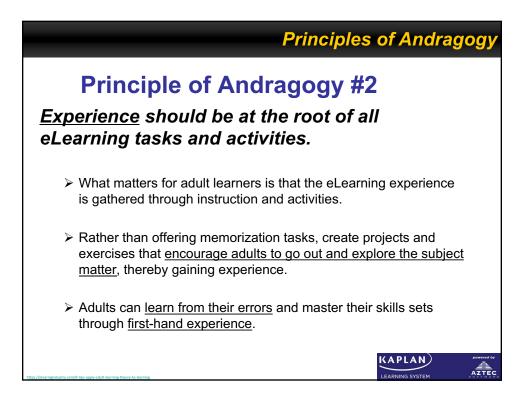


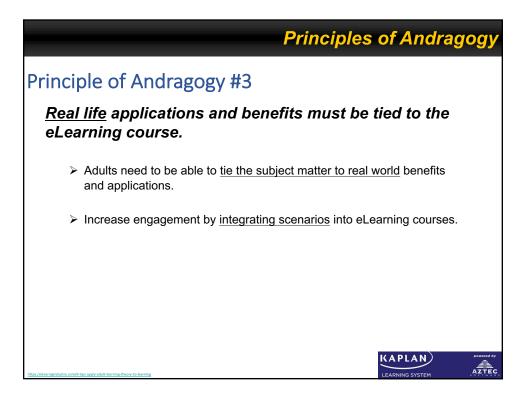


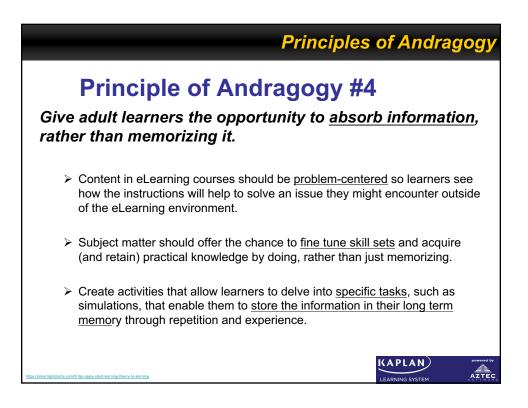


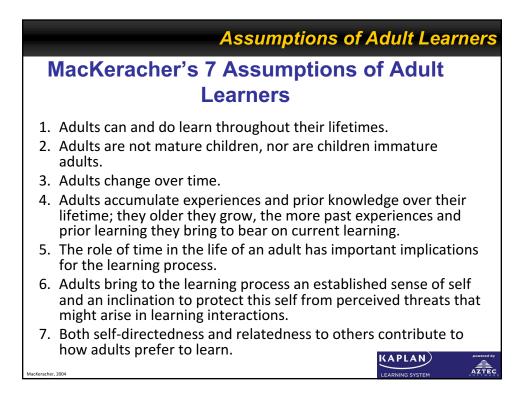


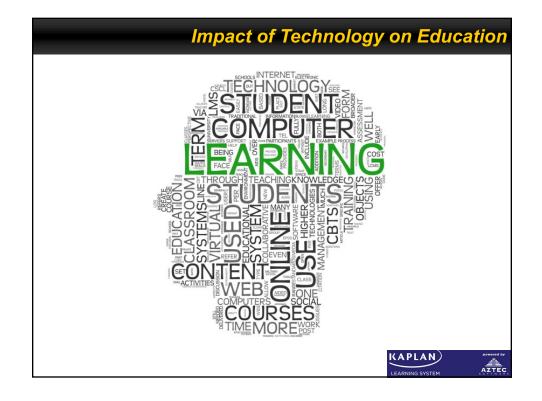


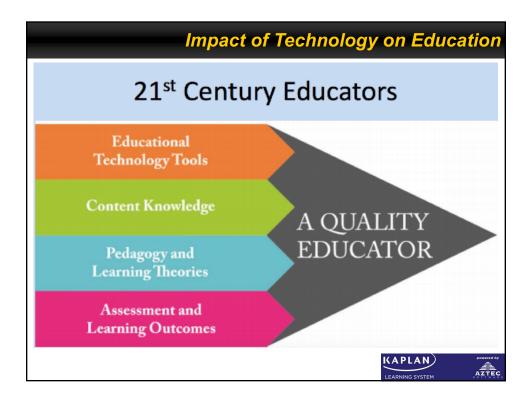


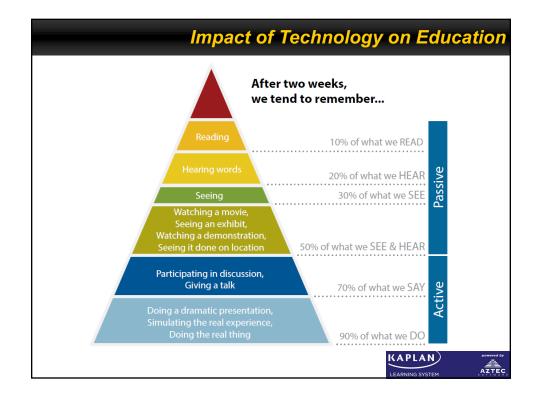


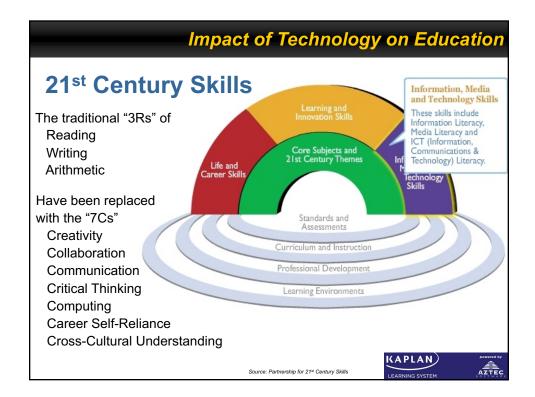


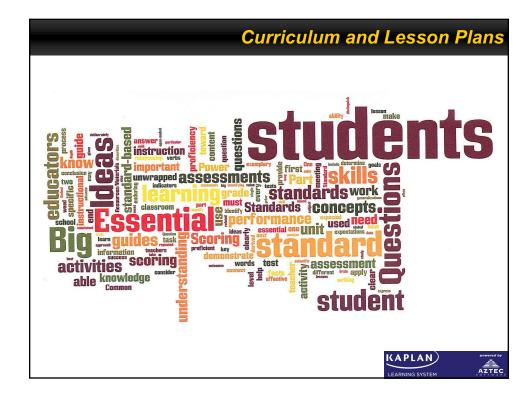


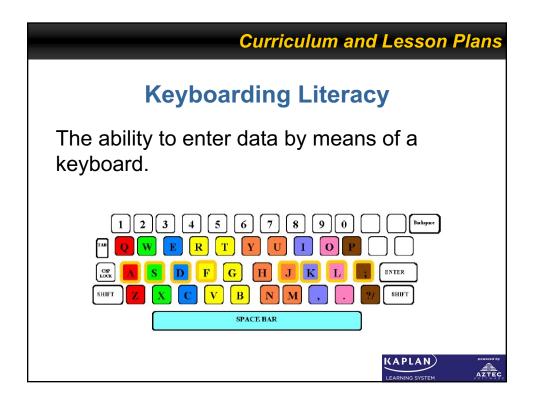


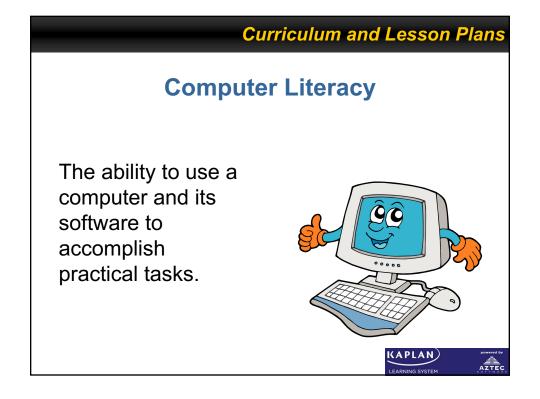


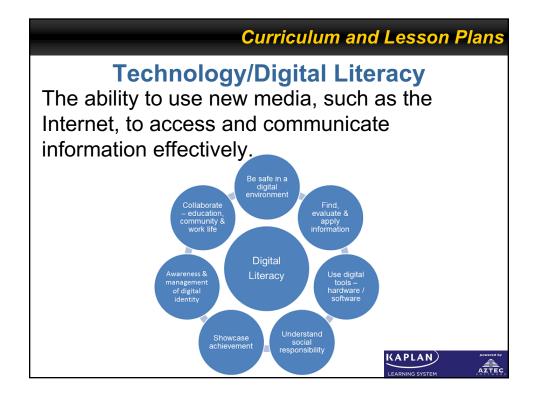


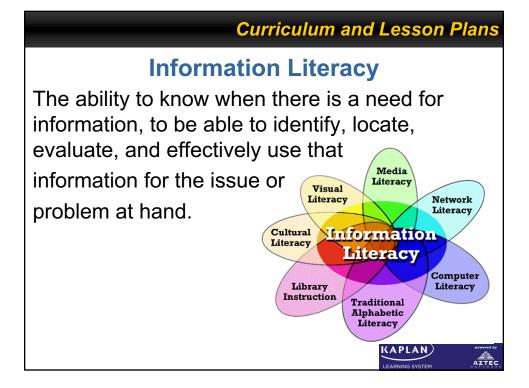


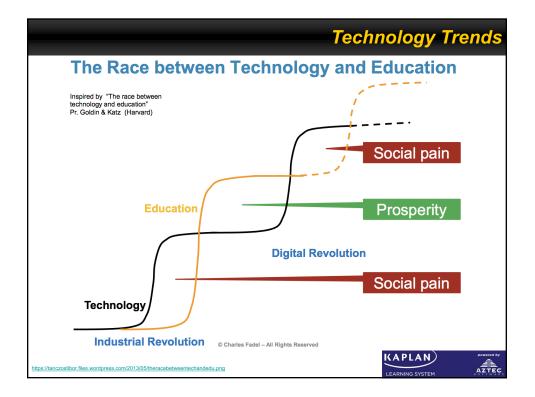


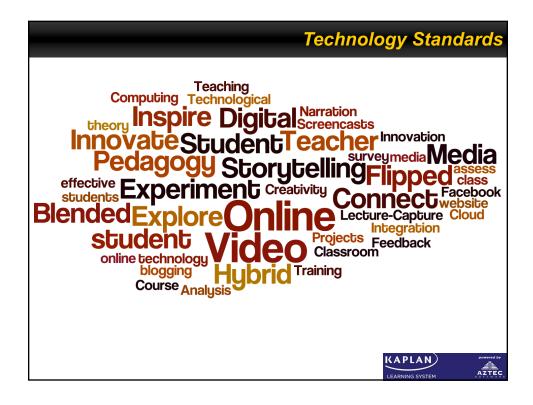




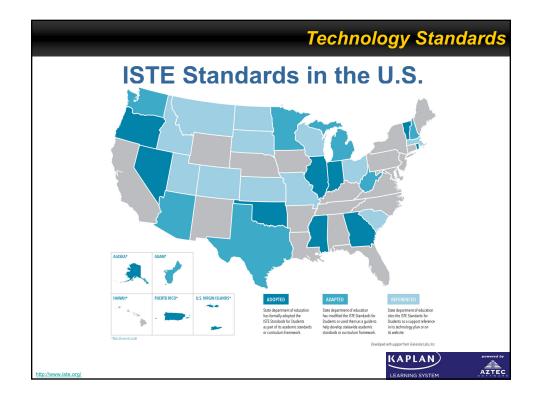


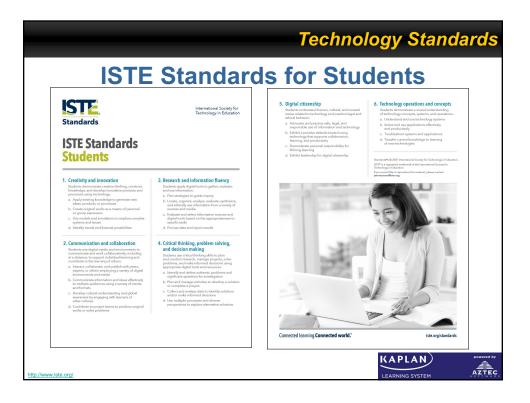


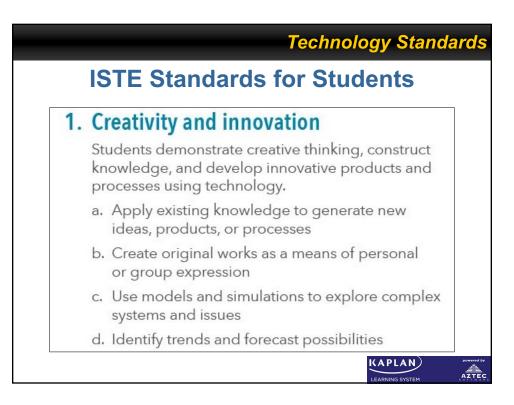




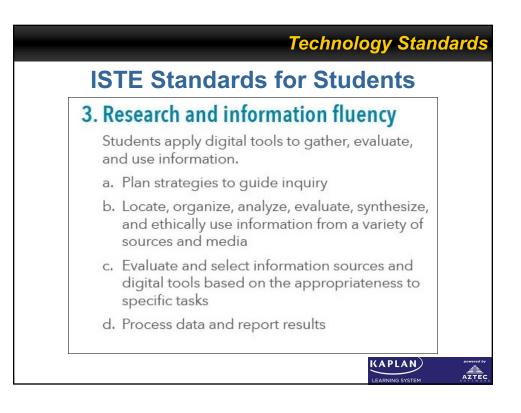


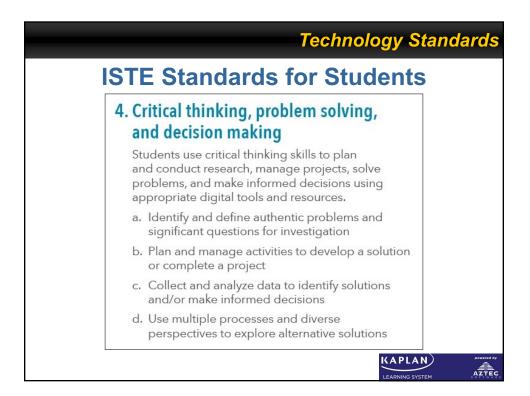




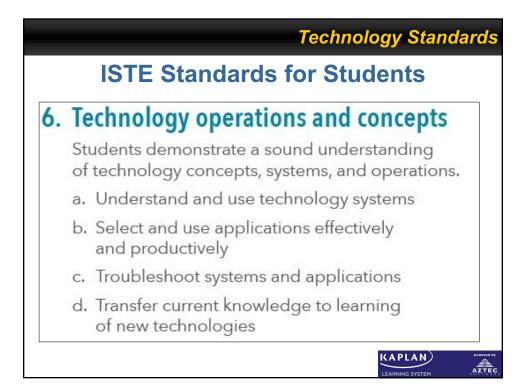


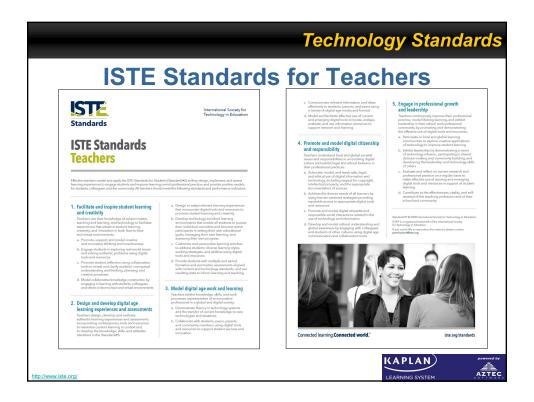
Technology Standards					
ISTE Standards for Students					
2. Communication and collaboration					
Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others.					
<ul> <li>a. Interact, collaborate, and publish with peers, experts, or others employing a variety of digital environments and media</li> </ul>					
<ul> <li>b. Communicate information and ideas effectively to multiple audiences using a variety of media and formats</li> </ul>					
c. Develop cultural understanding and global awareness by engaging with learners of other cultures					
d. Contribute to project teams to produce original works or solve problems					
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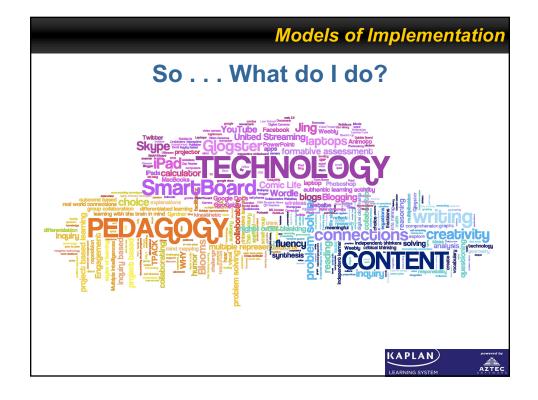


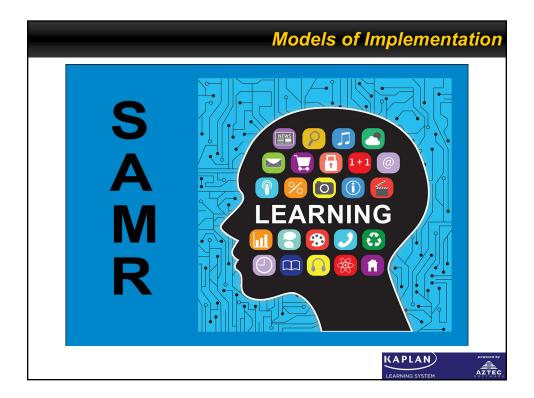




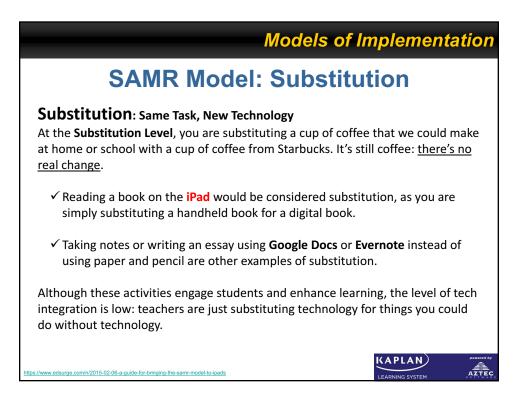


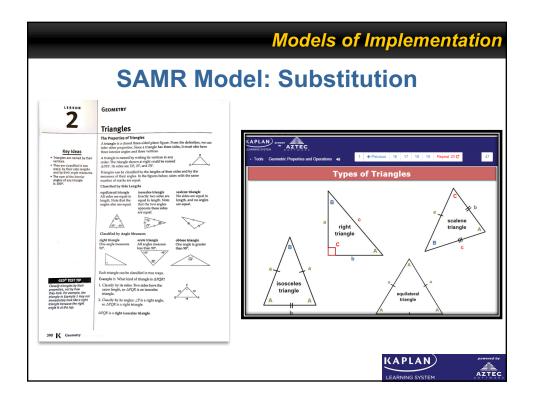




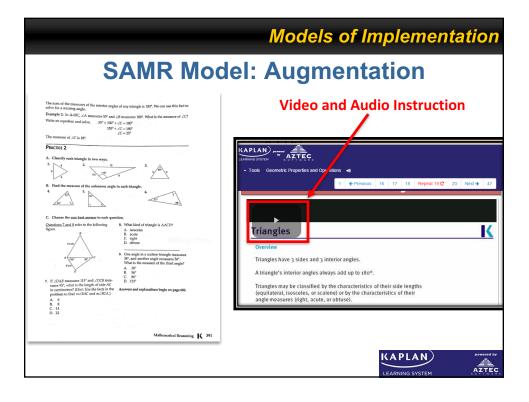


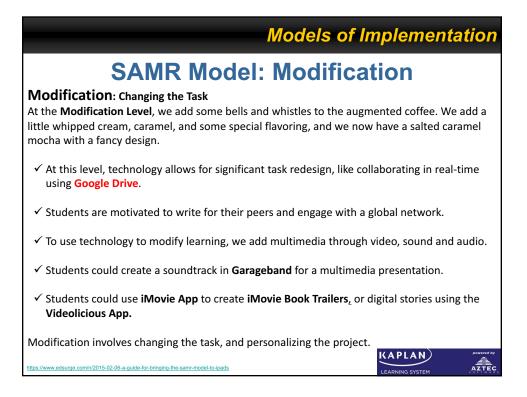


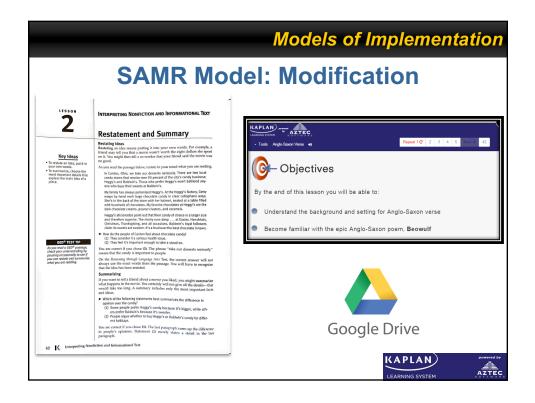




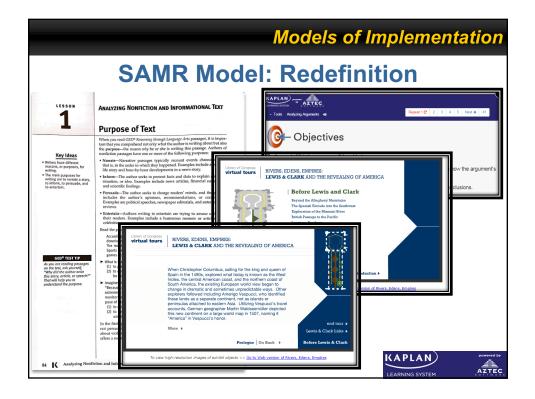
Models of Implementation				
SAMR Model: Augmentation				
Augmentation: Improve the Task with New Features At the Augmentation Level, you are taking regular coffee and making it better by adding ice, or a little cinnamon on top. We didn't change the coffee, but it tastes better because we augmented and enhanced it with additional ingredients.				
✓ With a digital book, students can click on a word and get a definition, synonym, or a link that may take them to more information about that subject area.				
✓ While writing, students can highlight a word, spellcheck, customize and format font.				
Skitch/Evernote or PicCollage are apps that allow you to augment learning by annotating images. Students can find objects in the classroom, take pictures, then label their work, whether it be math, word work, or science.				
Using a Video App students could complete a fluency boot camp, where they would record themselves reading a passage, and play it back checking for fluency and expression.				
Although these examples enhance learning, the tasks do not change.				

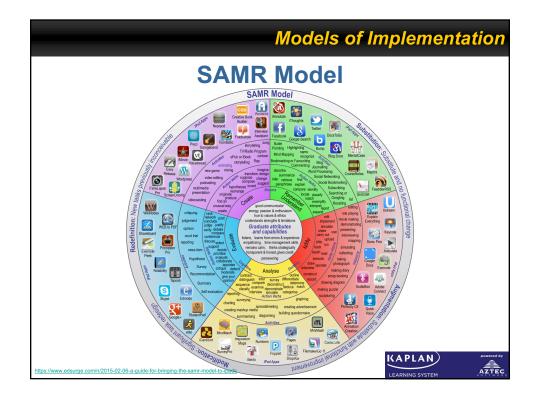


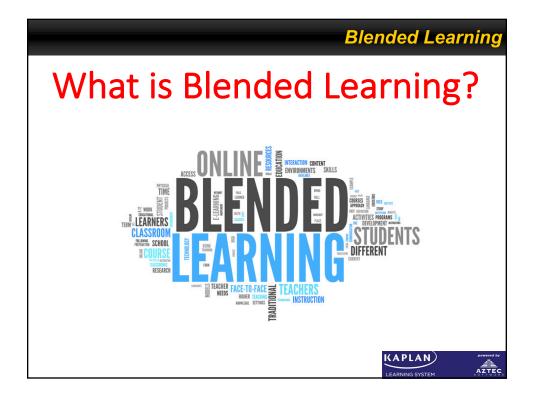




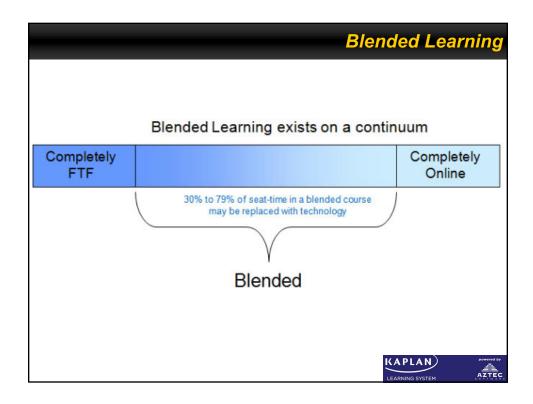
Models of Implementation				
SAMR Model: Redefinition				
<b>Redefinition:</b> A Whole New Task Finally, at the <b>Redefinition Level</b> , we are ordering a pumpkin spice latte, redefining a regular cup of coffee to something you can only get at Starbucks. We are completing a task that cannot be done without the use of technology. This is the same as higher order thinking levels in Bloom's Taxonomy like analyzing, creating, and evaluation.				
<ul> <li>The students are researching, sharing, collaborating, and connecting with not only their classrooms but with classrooms around the world.</li> </ul>				
$\checkmark$ They are generating questions, and exploring topics and content using current technologies.				
<ul> <li>Teachers are using virtual book club discussions through Hangouts, taking Virtual Field Trips to the White House, or talking with experts in the field via Google Connected Classrooms.</li> </ul>				
<ul> <li>Students are developing mapping, critical thinking, and problem solving skills through Mystery Skypes, completing collaborative writing through Google Docs, and connecting to the world through social media like Twitter.</li> </ul>				
<ul> <li>Students are using iBook Author, or Storybook Maker to create their own digital books are more ways students can reach redefinition levels.</li> <li>https://www.edsurge.com/n/2015-02-06-a-guide-for-bringing-the-same-model-to-ipads</li> </ul>				

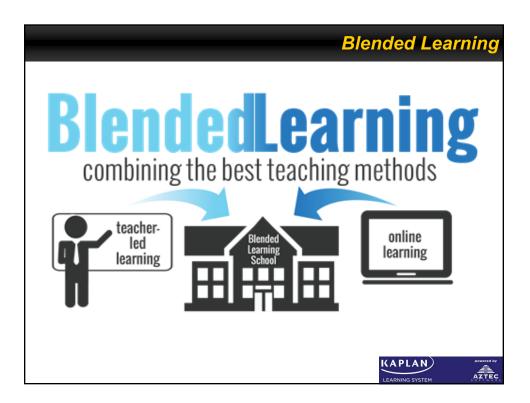


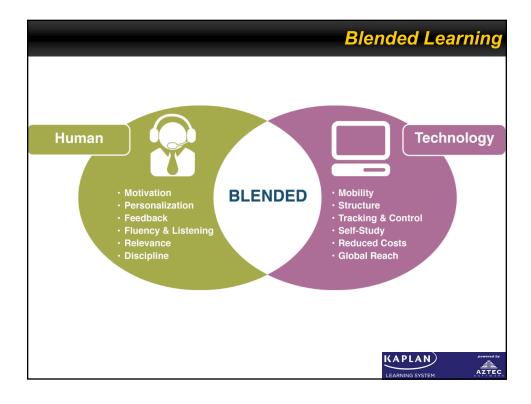


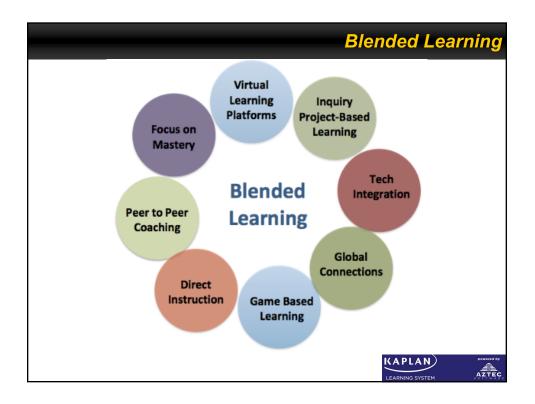


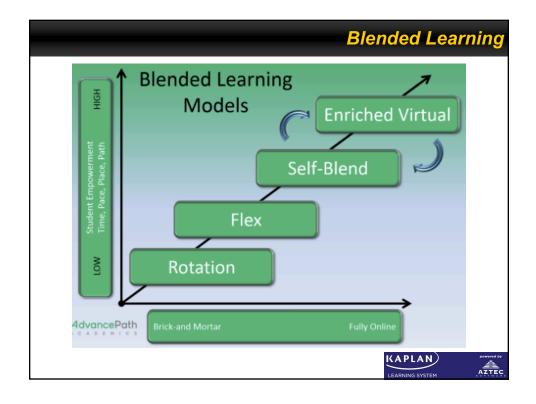
Question: What Should be	Online vs F2F?
Conducting Discussions	
Quizzes	
➤ Tests	
Group Work	
Projects	
Instruction	
Guided Practice	
Independent Practice	
Re-teaching	
	KAPLAN LEARNING SYSTEM

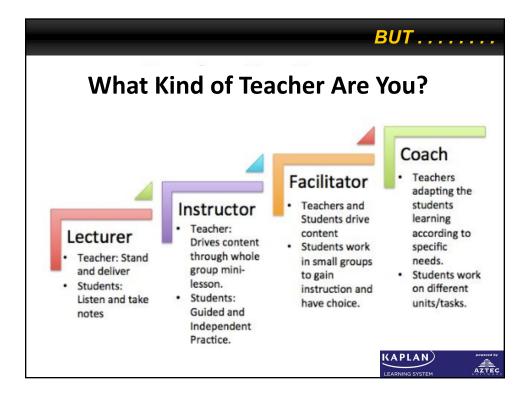


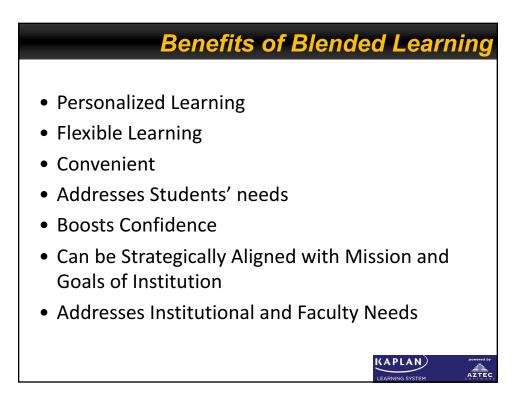


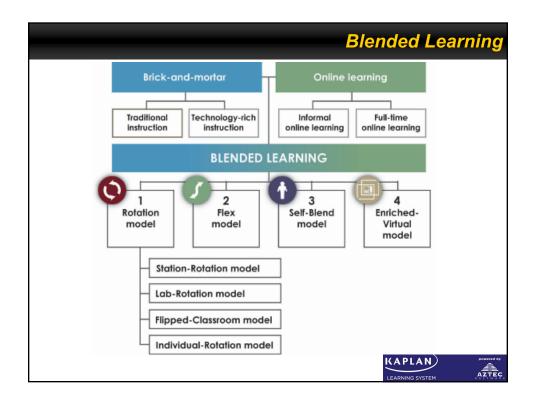


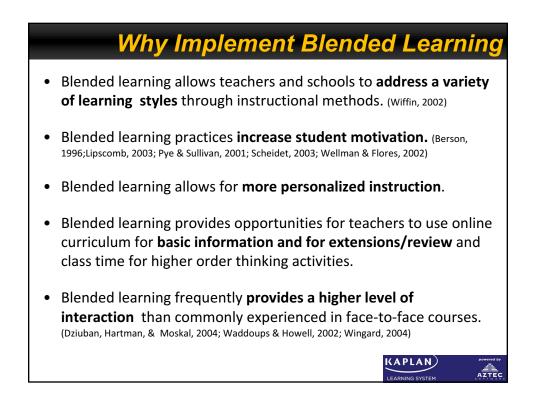




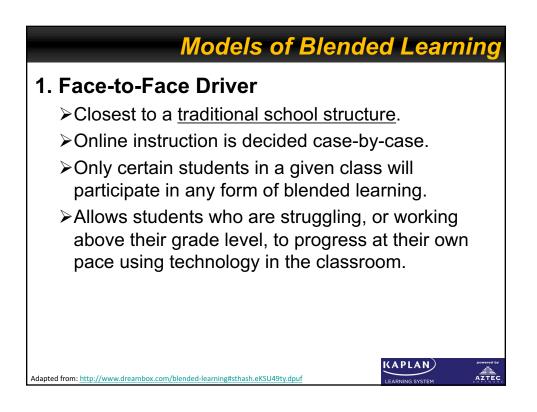


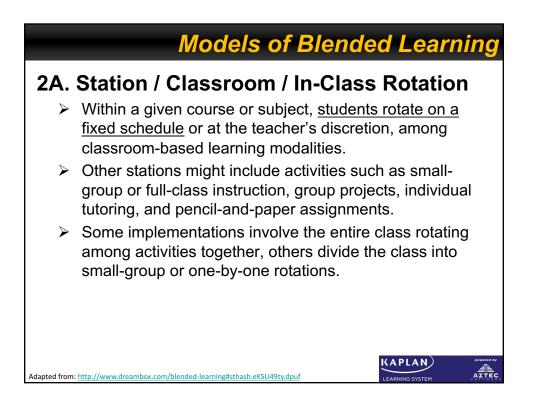


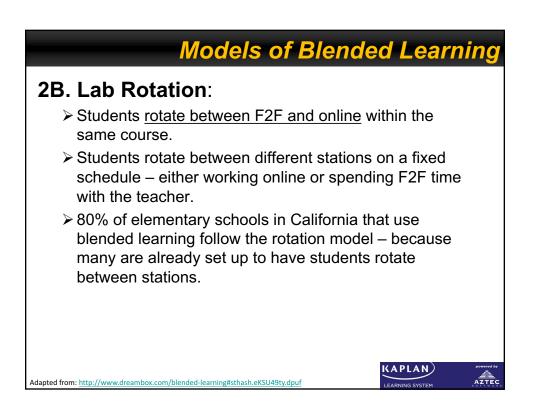


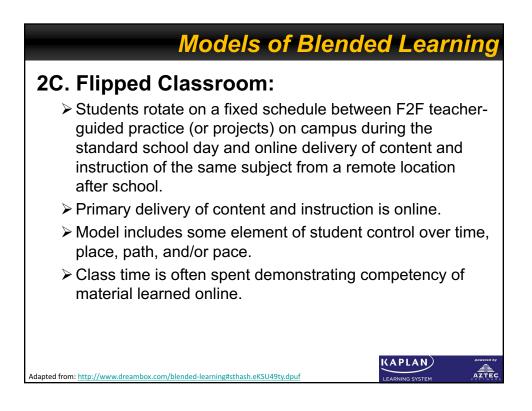


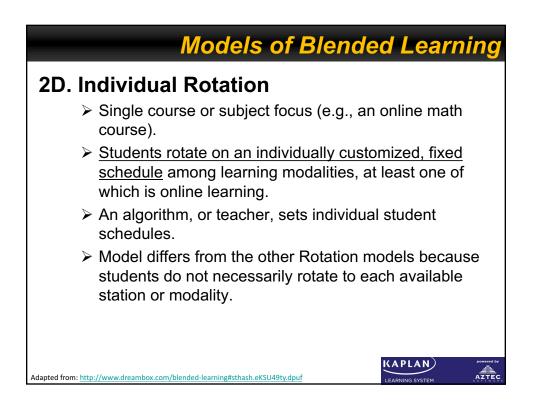




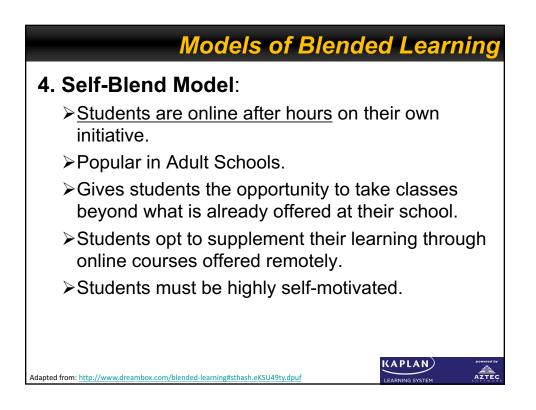


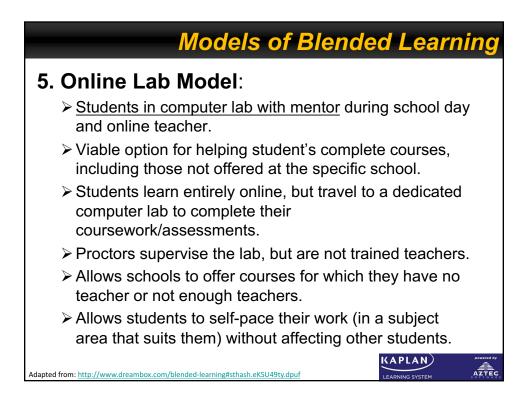


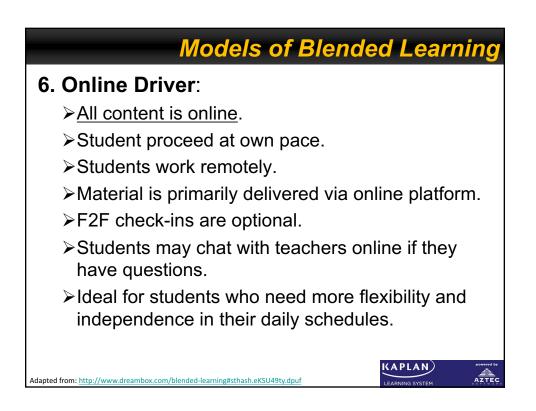


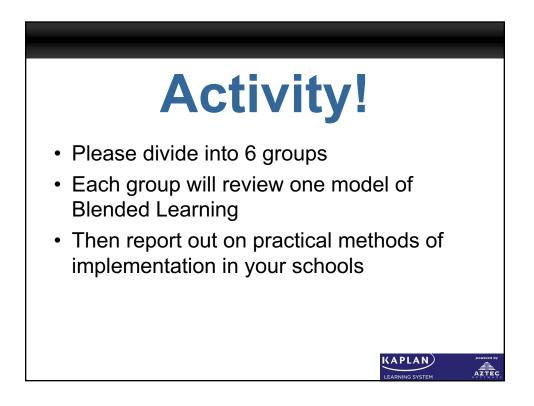


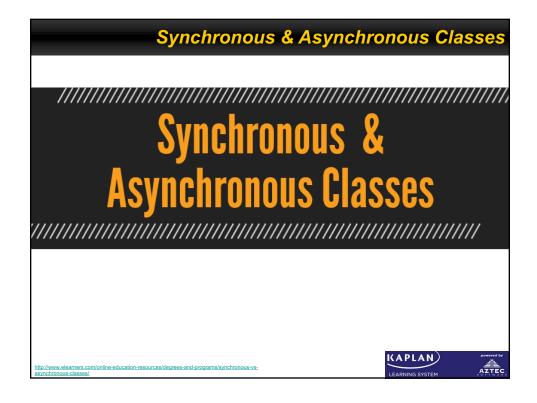
Models of Blended Learning		
3. Flex Model:		
Most content is online with tutoring in a f2f classroom		
Ideal for schools supporting large number of non- traditional or at-risk students.		
Material is primarily delivered online.		
Teachers are in the room to provide on-site support as needed.		
Learning is primarily self-guided.		
Students independently learn and practice new concepts in a digital environment.		
Adapted from: http://www.dreambox.com/blended-learning#sthash.eKSU49ty.dpuf		

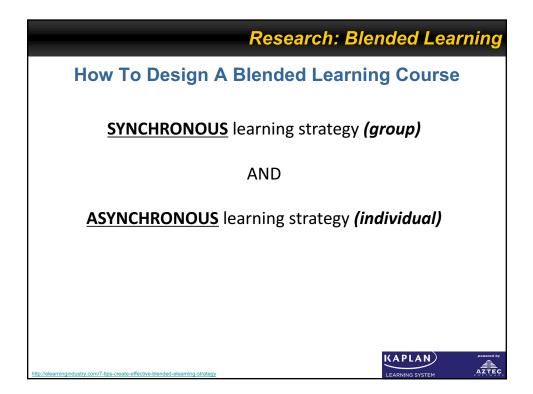




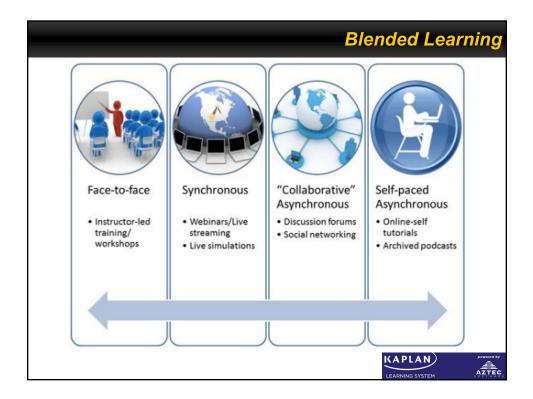


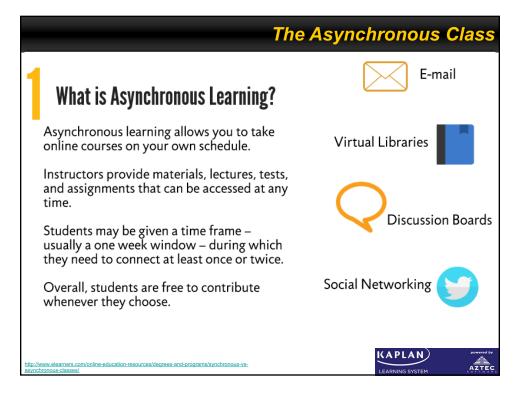






				B	lended l	Learning
Face to Face Classroom	(synchrono Live Online	us) Coaching	Collaboration & Community		ous) On De Web-Based Learning	Performance Support
Physical Classroom     Field Trips     Lab				<ul> <li>Video Streaming</li> <li>Podcasts</li> <li>Distance Learning</li> <li>CD-ROM/ DVD</li> </ul>	<ul> <li>Internet/ Intranet</li> <li>Self-paced Tutorials</li> <li>Simulation</li> <li>Games</li> </ul>	<ul> <li>Knowledge Management</li> <li>Workflow Automation</li> <li>Performance Support</li> <li>Mobile &amp; Wireless</li> </ul>
			■ VoIP			Bomered by





	The Asynchronous Class
, , ,	cuments, Presentations, Graphics, ourses will provide instructional materials , illustrative graphics, video snippets, audio
<ul> <li>E-Mail: E-mail is a great tool for asking materials, updates, reminders, and even</li> </ul>	g questions, keeping in touch, and receiving n assessments.
	pard is a great way to respond to questions also a good place to ask questions and to
<ul> <li>Social Networking: Social networking include blogs, wikis, Facebook, Orkut, B and more.</li> </ul>	programs that are often incorporated ebo, Twitter, Flickr, Youtube, Youstream,
<ul> <li>Wikis and Collaborative Documents edit each other's work and to collaborat</li> </ul>	: Collaborative documents allow students to e.
<ul> <li>e-Portfolios: Demonstrate skills and k</li> </ul>	nowledge of a special topic.
<ul> <li>DVD/CD-ROM: These can be real life- expensive Internet connectivity.</li> <li>http://www.elemens.com/online-education-resources/degrees-and-programs/synchronous-vs- asynchronous-dasses/</li> </ul>	savers where there is slow, limited, or

