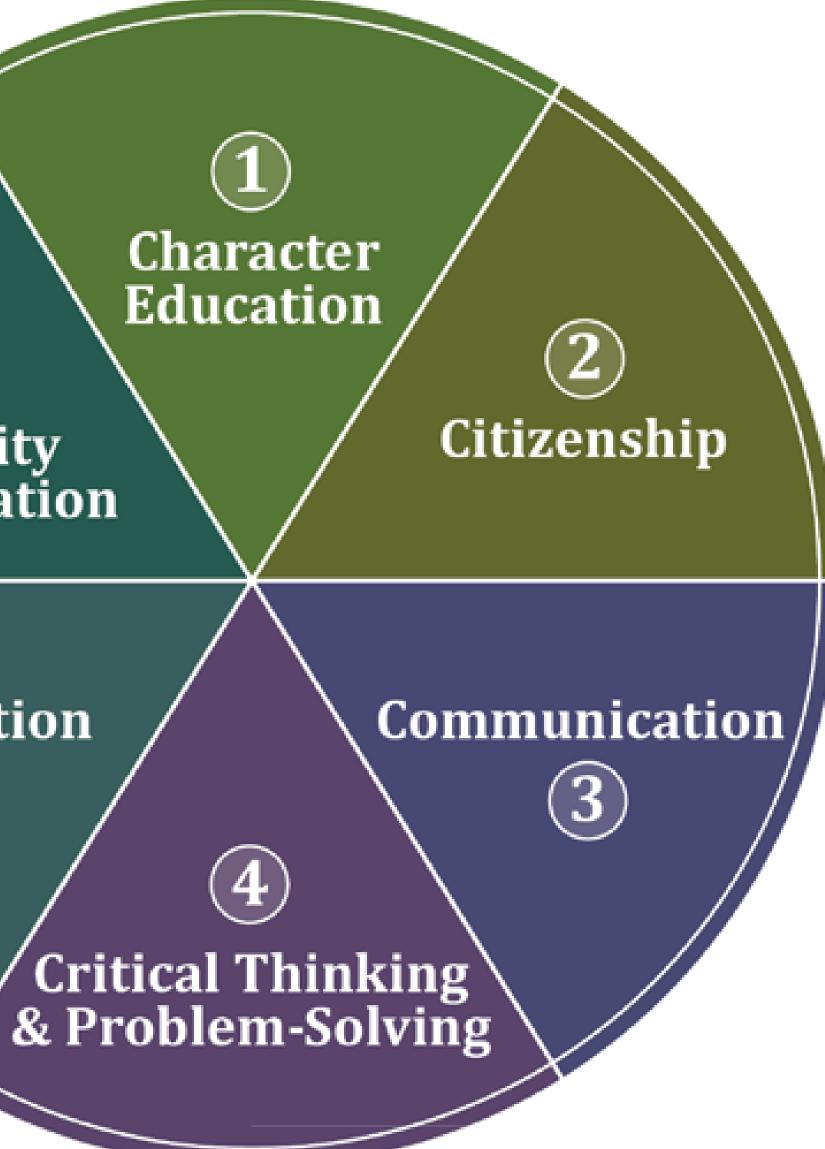
The Peel Classroom In 2018: Four Views

Ruben R. Puentedura, Ph.D.

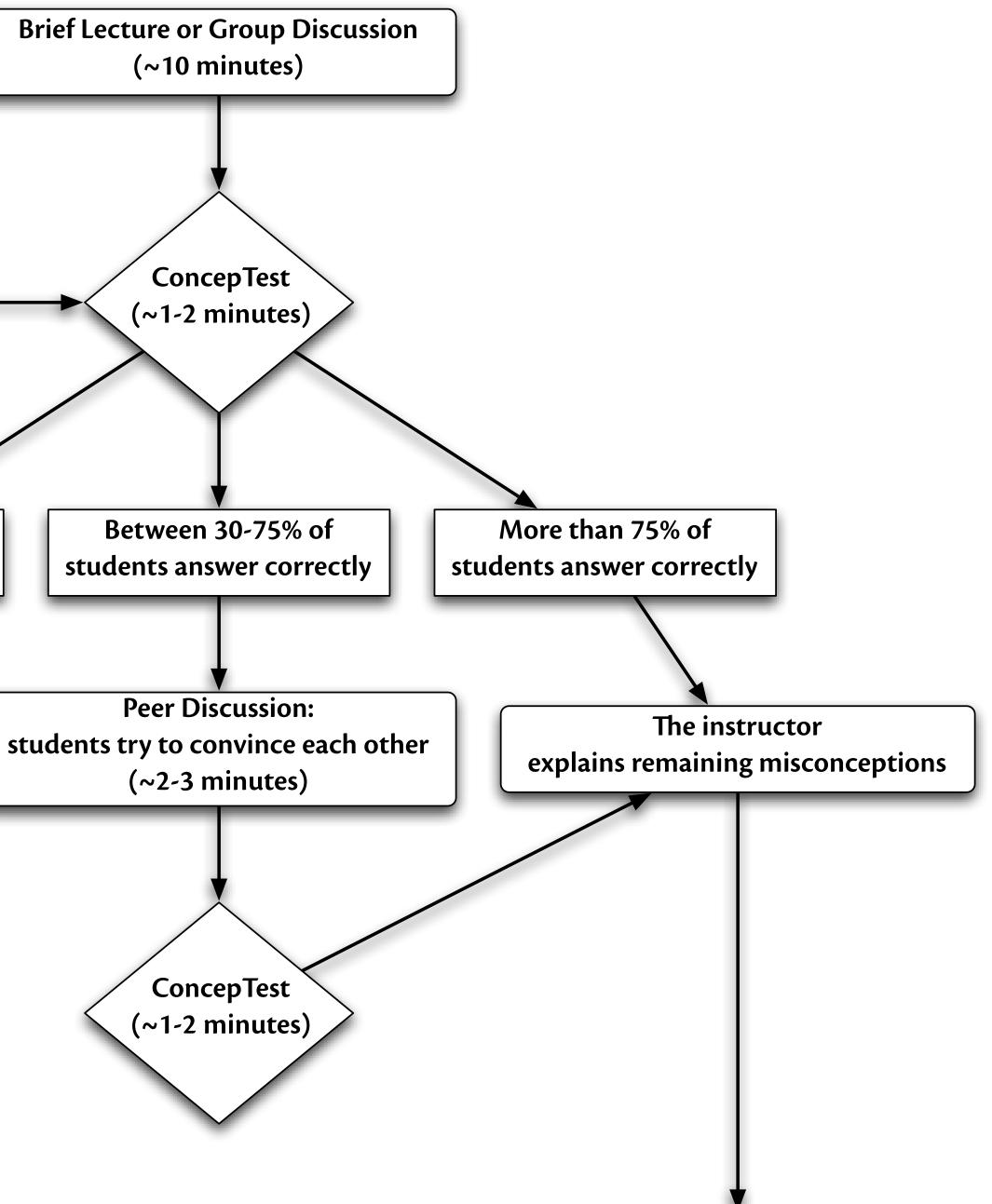
6 Creativity & Imagination

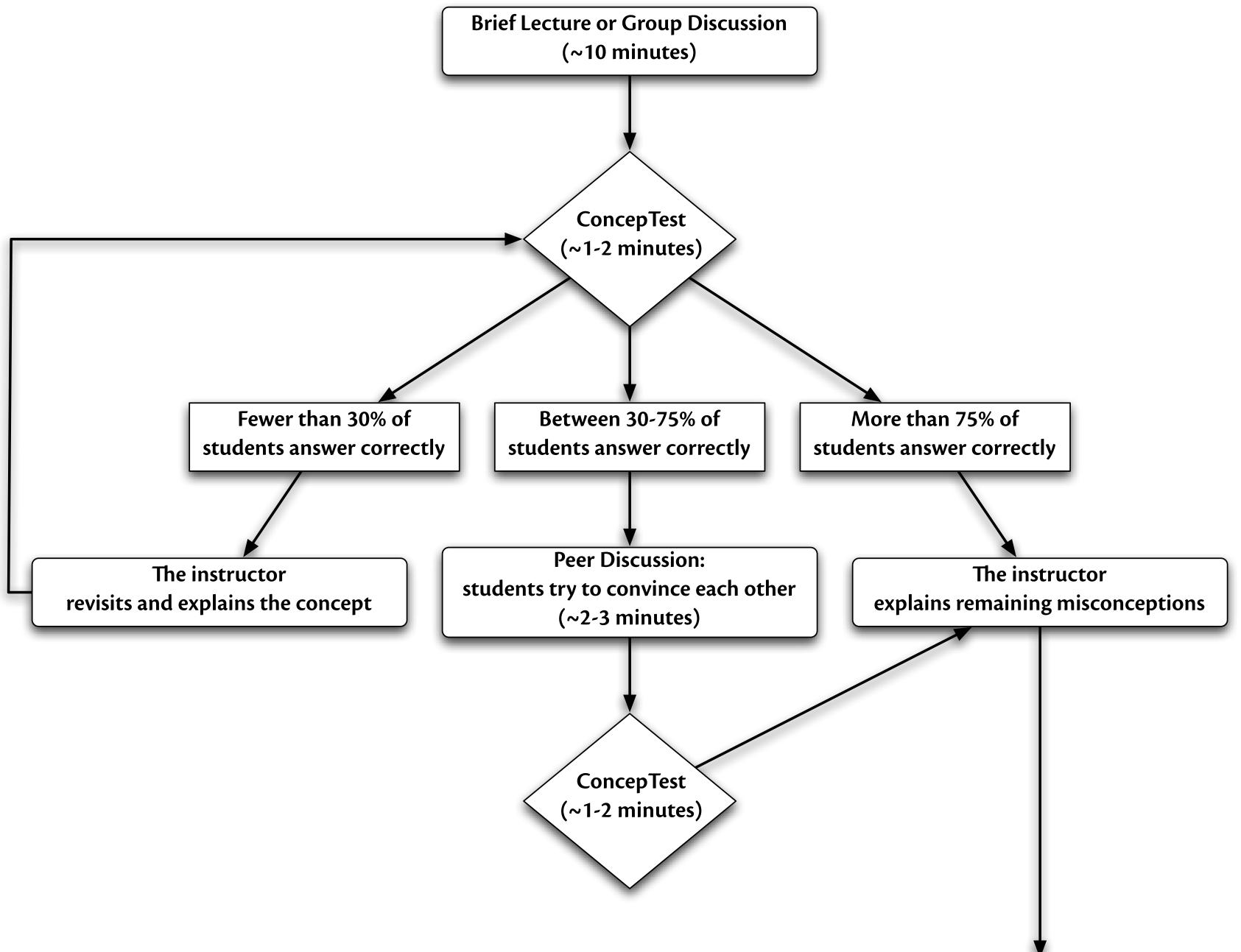
Collaboration

(5)



1. Flipping The Classroom







Modification Tech allows for significant task redesign

Augmentation Tech acts as a direct tool substitute, with functional improvement

Substitution

iPad 중		9:42 PM		98 % 🔳
▲ ▶ ฅ ₫	www.gutenberg.org/ebooks/1041		Google	
×	Shakespeare's Sonnets by	William Shakespeare - Projec	ct Gutenberg	+
Pro	ject Gutenberg offers 40,000 free ebo	ooks to download.	Donate Rattr this!	_f 😕 👫
Search	Print Terms of Use Bookmark	s Donate? Mobile	Q Shakespeare sonnets	Help
Download Bit	Shakespeare's Son	nets by William	Shakespeare	
Read This Book O				
Download This eB	Book			
Format 🌍		Size	Mirror Sites 🕜	
Generated HTM	L	137 kB		
EPUB (no image	<u>:s)</u>	68 kB		
Kindle (no image	<u>es)</u>	95 kB		
Plucker		67 kB		
		1061.0		_

iPad ᅙ	10:04 PM	95 % 📖
Cancel	Search	Q shakespeare sonnets 🛞
Episodes Page 1 So Sonnet 11 William Shake Released Feb #**** 7	WARWICK Provider Page WARWICK Shakespeare's Sonnets - Video Shakespeare's Sonnets - Video Tell a Friend Category: Poetry Language: English Sonnets Support Support Support	
Sonnet 18 William Shake Released Feb ***** 7 Collections Page 1	Description In the year of the 400th anniversary of their publication Professors Stanley Wells and Jonathan Bate talk to Paul Edmondson about the content and context of Shakespeare's collection of sonnets.	t 130 Shakespeare d Feb 06, 2010 t 🕸 7 Ratings
Sonnets o	Tap to Preview Name Time	ck/SBT Shakespe 🖵
Somets EXELIT2Go William Shake iTunes U *****	1 Understanding Shakespeare's sonnets Image: 37:57 1 Item	ty of Warwick d Oct 31, 2011
Apple ID: rubenrp@	Viewers Also Downloaded Politics Arts & Cutture VIEWERS Also Downloaded	upport
	Featured Top Charts Categories	

Modification Tech allows for significant task redesign

Augmentation

Tech acts as a direct tool substitute, with functional improvement

Substitution

Tech acts as a direct tool substitute, with no functional change



settings text

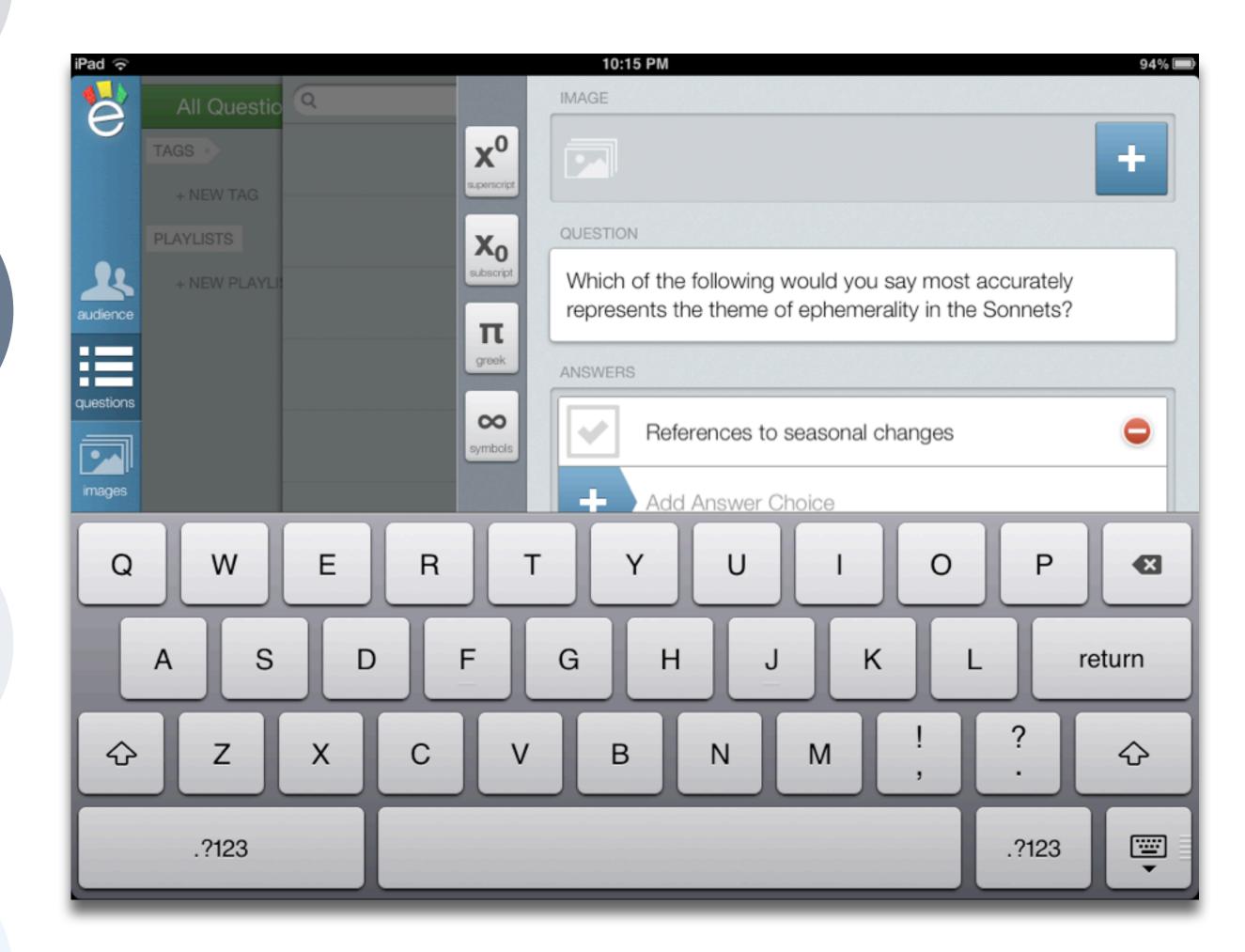


Modification

Tech allows for significant task redesign

Augmentation Tech acts as a direct tool substitute, with functional improvement

Substitution



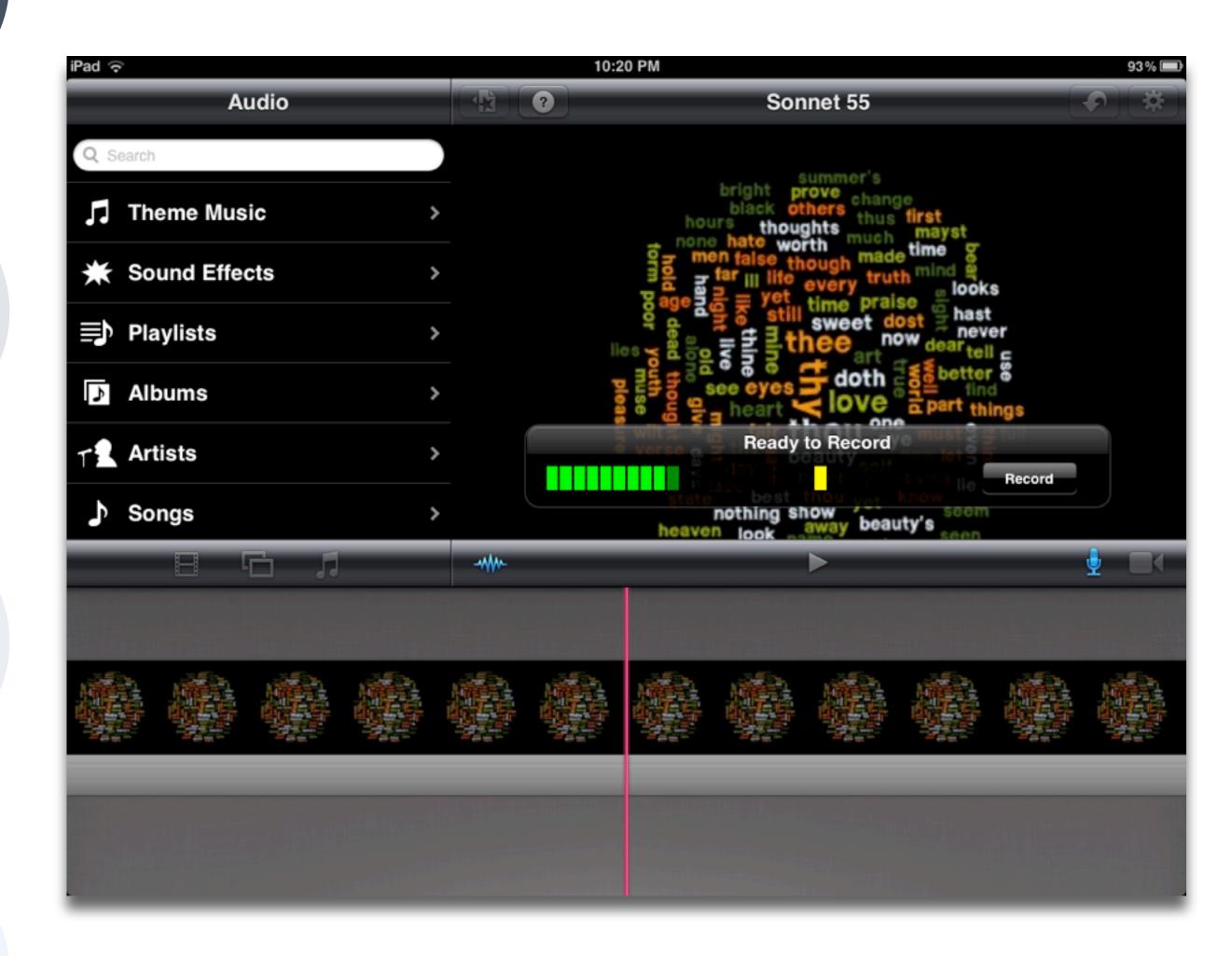
Redefinition

Tech allows for the creation of new tasks, previously inconceivable

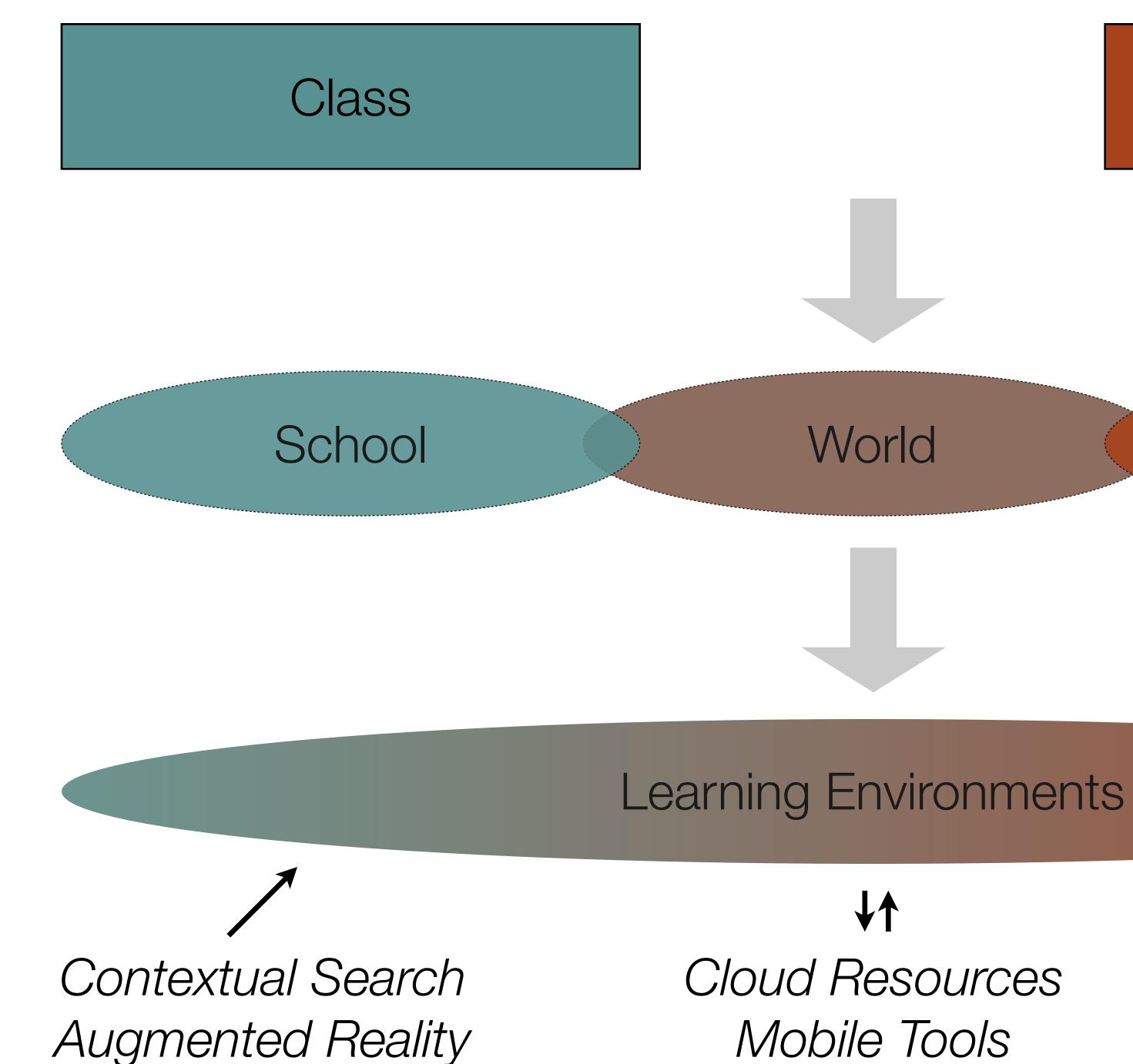
Modification Tech allows for significant task redesign

Augmentation Tech acts as a direct tool substitute, with functional improvement

Substitution



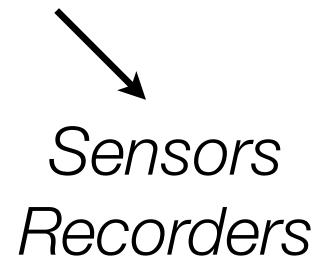
2. The World As Classroom





Home

Mobile Tools



Modification Tech allows for significant task redesign

Augmentation Tech acts as a direct tool substitute, with functional improvement

Substitution

Tech acts as a direct tool substitute, with no functional change

1:15 PM

Aquatic Biomes

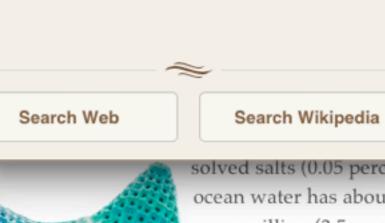
Aquatic biomes cover 75 percent of the surface of the Earth. The aquation d terrestrial biomes are similar in some ways

bi•ome | 'bī,ōm |

noun Ecology

a large naturally occurring community of flora and fauna occupying a major habitat, e.g., forest or tundra.

ORIGIN early 20th cent.: from BIO- 'life' + -OME



ns, the bility of is the ie food nt for arth and ous oxycarbon oy proits. d ma-

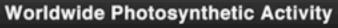
d maon of dis-

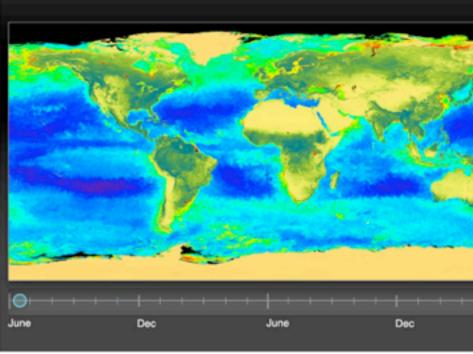
solved salts (0.05 percent), whereas ocean water has about 35,000 parts per million (3.5 percent).

> Some aquatic organisms are adapted to both conditions for parts of their lives, such as salmon and some eels, but it

is more common for organisms to be confined to one of the two environments.

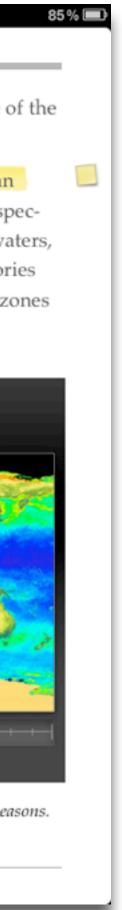
Aquatic environments have less variation globally than those on land. Taking a broad view (the lumper's perspective), there are four kinds of aquatic biomes: surface waters, deep waters, shores, and bottoms. Within these categories are a variety of distinctive marine and freshwater life zones that are frequently designated as separate biomes.





Interactive The latitudes of peak photosynthesis change with the seasons.

31



Modification Tech allows for significant task redesign

Augmentation

Tech acts as a direct tool substitute, with functional improvement

Substitution

Tech acts as a direct tool substitute, with no functional change

EURADIAN CULLARED-DUVE

Streptopelia decaocto Locally common, exotic

121/2-13 in. (32-33 cm)

Recent colonizer of N. America from Caribbean but native to Eurasia; rapidly increasing and spreading. Slightly chunkier than Mourning Dove, paler beige, and with square-cut tail. Note narrow black ring on hindneck. Grayish undertail coverts. Three-toned wing pattern in flight.

SPOTTED DOVE

Streptopelia chinensis Uncommon, local, exotic

12 in. (30-31 cm)

Note broad collar of black and white spots on hindneck. A bit larger than Mourning Dove; tail rounded with much white in corners. Juvenile: Lacks collar, but can be told by shape of spread tail.

ROCK PIGEON (ROCK DOVE, DOMESTIC PIGEON)

Columba livia Common, exotic

121/2 in. (32 cm)

Typical birds are gray with *whitish rump, two black wing bars,* and broad, dark tail band. Domestic stock or feral birds may have many color variants.

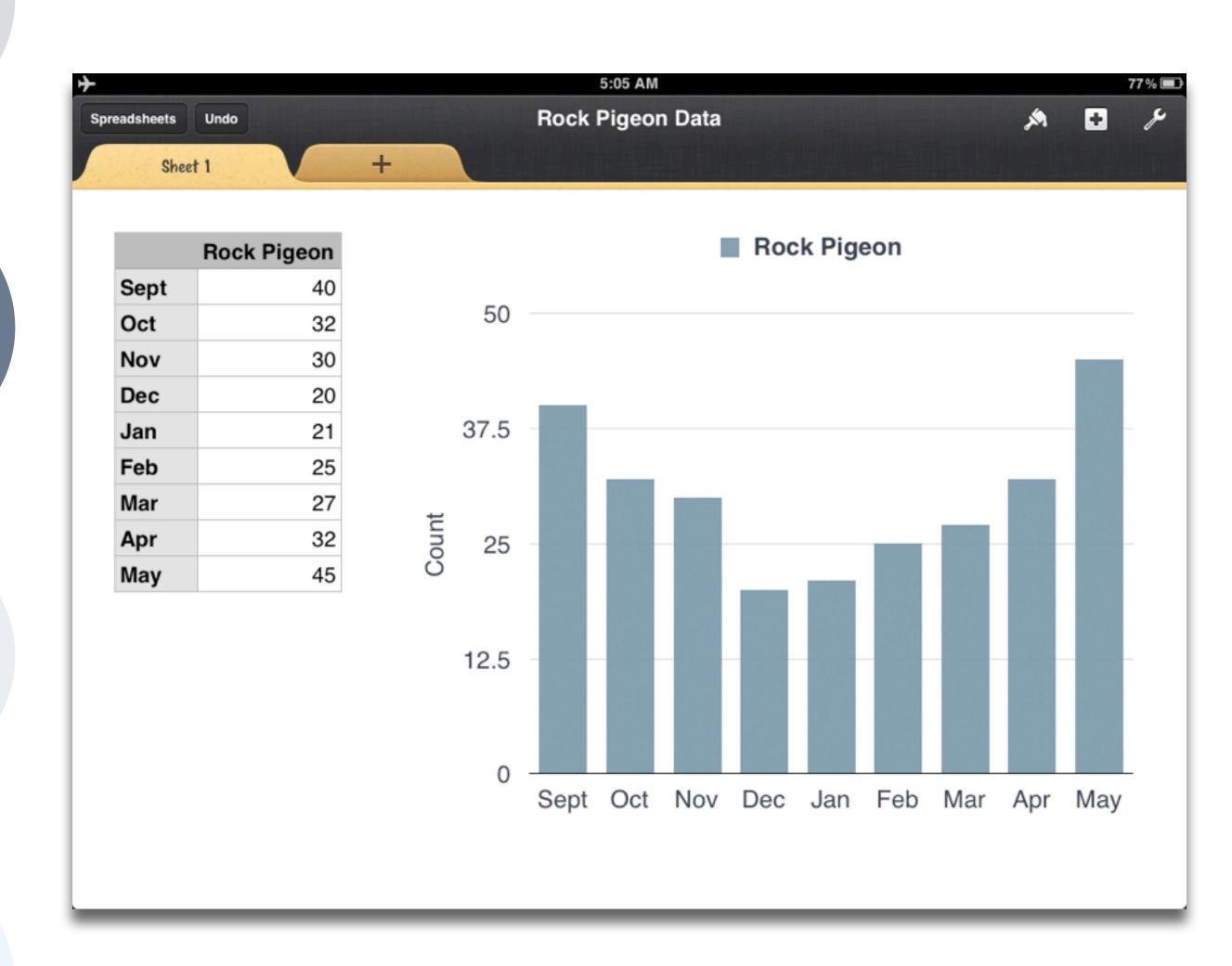


Modification

Tech allows for significant task redesign

Augmentation Tech acts as a direct tool substitute, with functional improvement

Substitution



Redefinition

Tech allows for the creation of new tasks, previously inconceivable

Modification Tech allows for significant task redesign

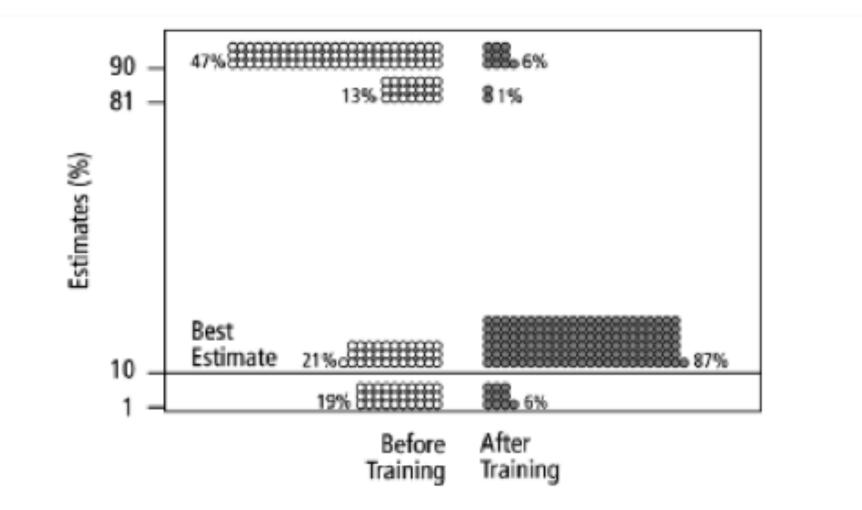
Augmentation Tech acts as a direct tool substitute, with functional improvement

Substitution

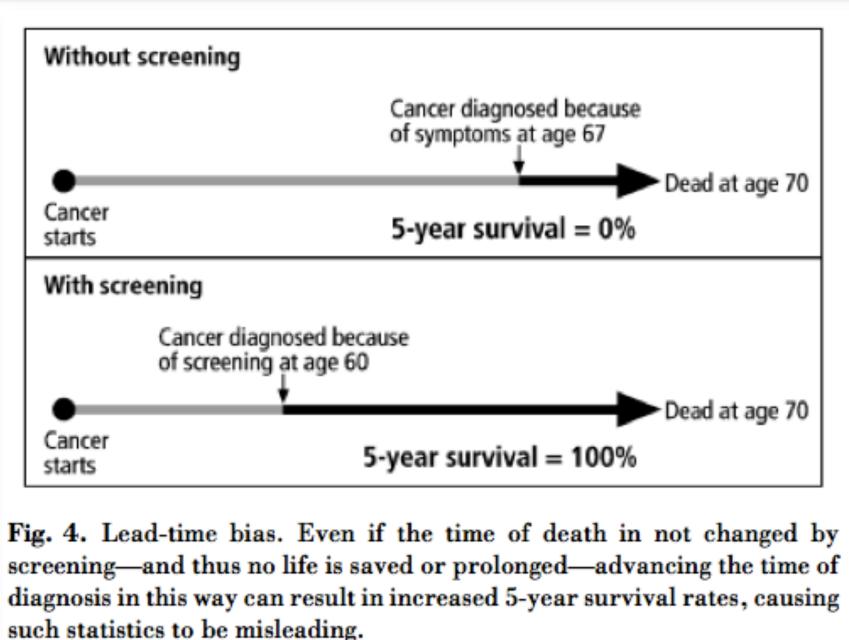
r →		5:19 AM		
Audio		Loca	I Ecosystem	Ŀ
Q Search	Roc	k Pigeon		
Theme Music	Sept	40	50	
	Oct Nov	32 30		
Sound Effects	Dec	20		
Playlists	> Jan	21	37.5	
	Feb	25		
▶ Albums	Mar	27		
Artists	Apr	32	25	
	May	45	9	
Songs	>			
			>	
	3 3 3			



3. Running Before Walking



quencies.



such statistics to be misleading.

Fig. 2. Estimates by 160 gynecologists of the probability that a woman has breast cancer given a positive mammogram, before and after receiving training in how to translate conditional probabilities into natural fre-

Modification Tech allows for significant task redesign

Augmentation Tech acts as a direct tool substitute, with functional improvement

Substitution

nti AT&T 🛜		2:44 AM		
The Open University Library		Mathematics		Q open university
Introducing geometry: angles an shapes The Open University Dec 21, 2012 No Ratings	id >	Daring to do mathematics The Open University Jun 19, 2012	>	Differential equations - for iBooks The Open University Mathematics
Working on your own mathematics - for iBooks The Open University Advanced Mathematics	>	All the Fun of the Fair - for iPod/IPhone The Open University Mathematics	>	Modelling with systems of differential equations - for The Open University Advanced Mathematics
Geometry - for iBooks The Open University Mathematics	>	Using vectors to model - for iBooks The Open University Advanced Mathematics	>	The Fourier Series - for iPod/iPhone The Open University Mathematics
Starting with maths: patterns and formulas - for iBooks The Open University Mathematics	>	Maths everywhere - for iBooks The Open University Mathematics	>	Open Mathematics - for iPod/iPhone The Open University Mathematics
Rollercoaster design - for iPod/iPhone The Open University Mathematics	>	Starting with Maths - for iPod/iPhone The Open University Mathematics	`	Modelling pollution - for iPod/iPhone The Open University Mathematics
The Arch Never Sleeps - for iPod/iPhone The Open University Mathematics	>	Modelling with first order differential equations - for The Open University Mathematics	>	Soaring Achievements - for iPod/iPhone The Open University Mathematics
Soaring by Design - for iPod/iPhone The Open University Mathematics	>	Complex numbers - for iBooks The Open University Mathematics	,	Analysing skid marks - for iBooks The Open University Mathematics
		Featured Top Charts		



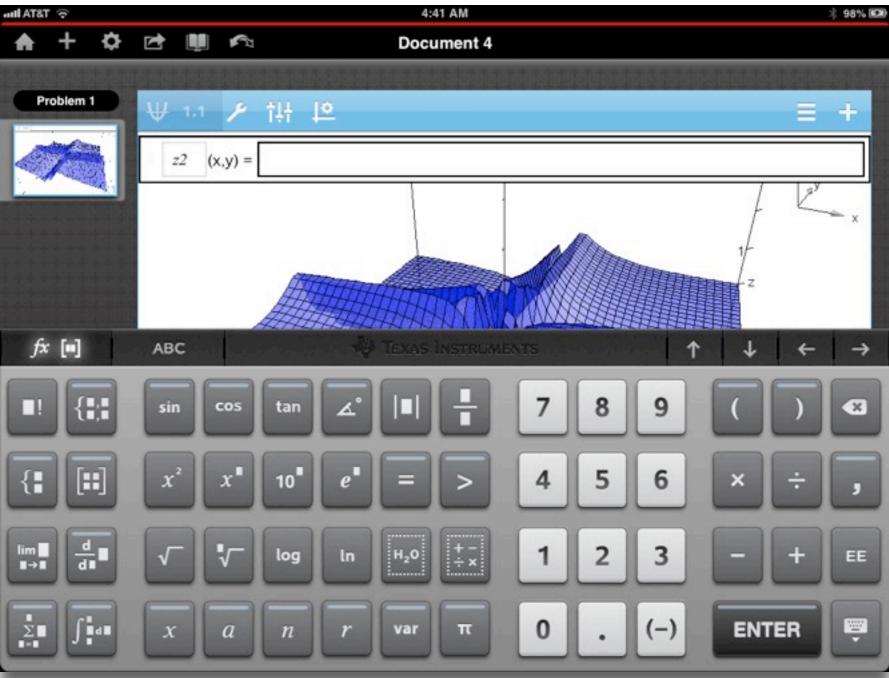
Modification Tech allows for significant task redesign

Augmentation

Tech acts as a direct tool substitute, with functional improvement

Substitution



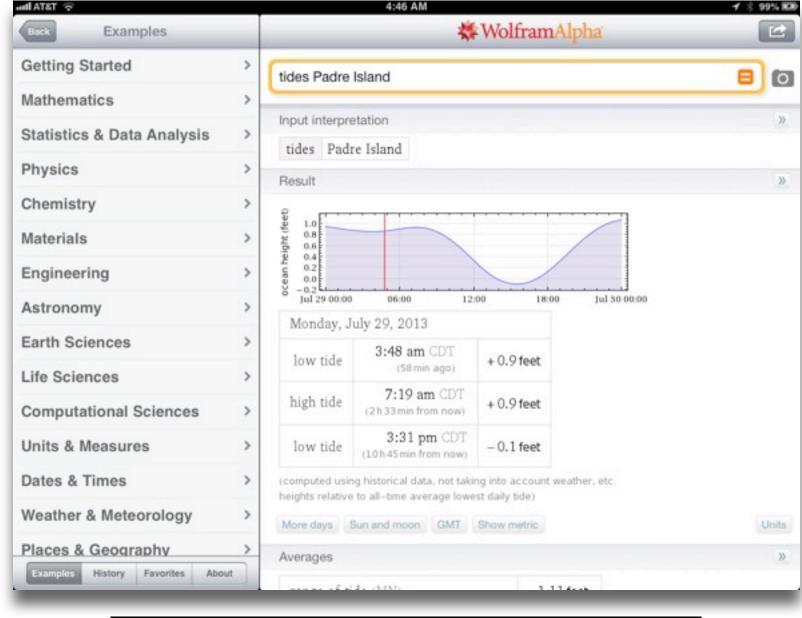


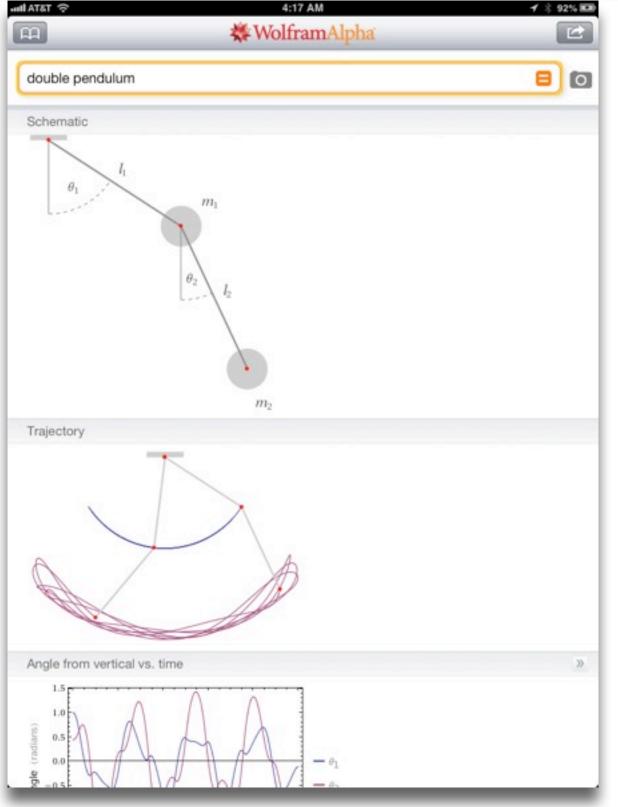
Modification

Tech allows for significant task redesign

Augmentation Tech acts as a direct tool substitute, with functional improvement

Substitution





Redefinition

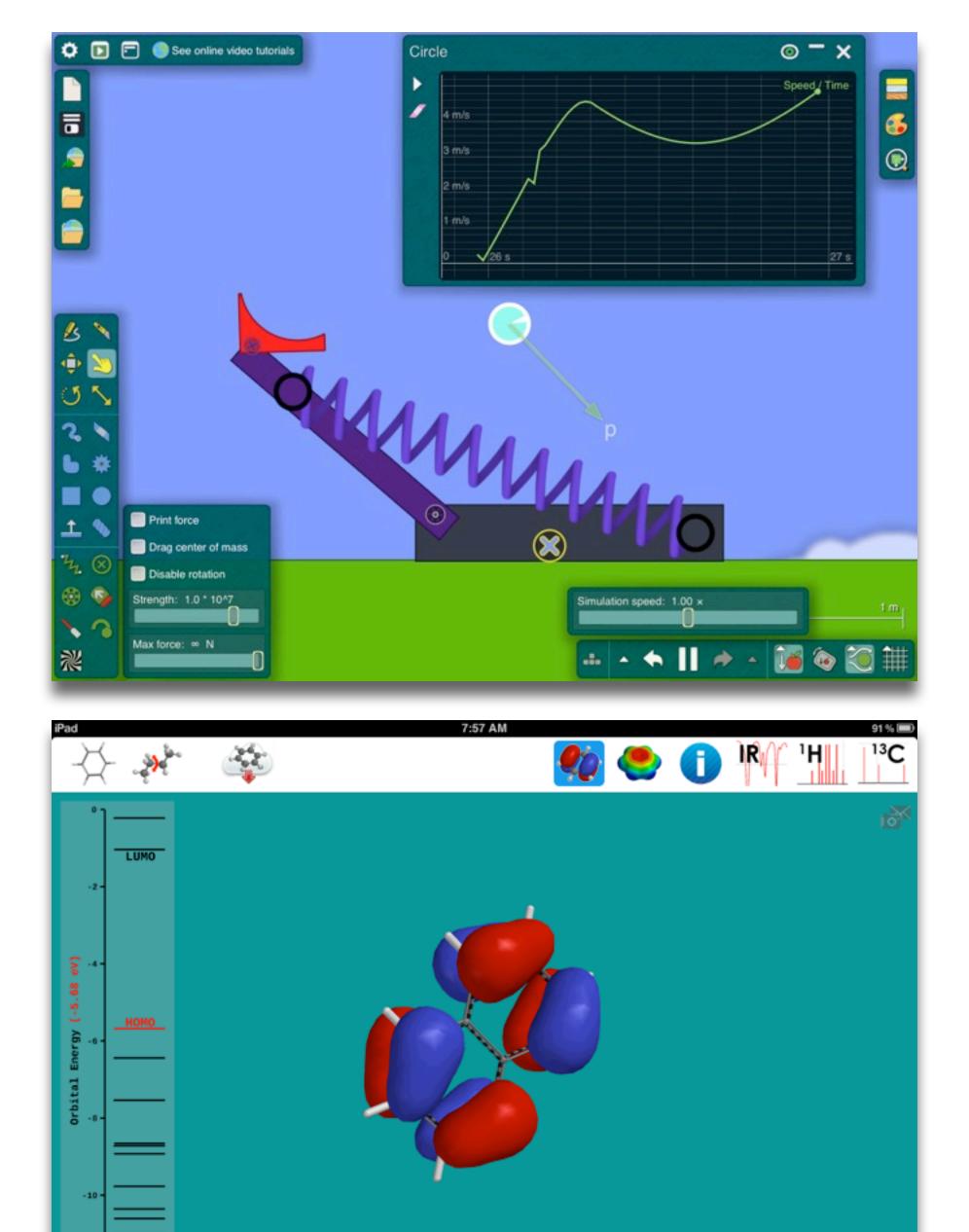
Tech allows for the creation of new tasks, previously inconceivable

Modification Tech allows for significant task redesign

Augmentation Tech acts as a direct tool substitute, with functional improvement

Substitution

Tech acts as a direct tool substitute, with no functional change





đ

4. Games For Thinking

Evaluation

Implementation

Solution



Modification Tech allows for significant task redesign

Augmentation Tech acts as a direct tool substitute, with functional improvement

Substitution

ancel		Search	Q	vegetable
OHIO STATE VegNet Agricultural	Creenhouse Management	Greenhouse Management Foxcroft Academy > Jan 22, 2014 - Jun 11, 2014 Agricultural English No Ratings		Southwest Home Horticulture Agricultural
iTunes U Materials		SUBSCRIBE		
How Day Length Aff Greenhouse Manage		Details Ratings and Reviews Relate	d	
How Day Length Aff Greenhouse Manage	Description			
Vegetable Planting Greenhouse Manage	Course content wil production within t	long course designed to introduce high school students t Il include the construction and maintenance of a hoop hou the structure. Students will be responsible for researching ction and appropriate crops for northern New England. S	use as well as crop g key aspects of	
iPad Publishing - Her		cated on-site at Foxcroft Academy. In addition, students		
Tunes U Courses	in a greenhouse loo Course Outline	cated on-site at Foxcroft Academy. In addition, students xtended Season Crop Production		
Tunes U Courses	in a greenhouse loo Course Outline I. Introduction to E II. Greenhouse Cor III. Greenhouse Ma	cated on-site at Foxcroft Academy. In addition, students xtended Season Crop Production	will prepare mat More▼	
Tunes U Courses	in a greenhouse loo Course Outline I. Introduction to E II. Greenhouse Cor III. Greenhouse Ma 1 How To Cr	cated on-site at Foxcroft Academy. In addition, students xtended Season Crop Production instruction intenance	will prepare mat More▼ More▼	



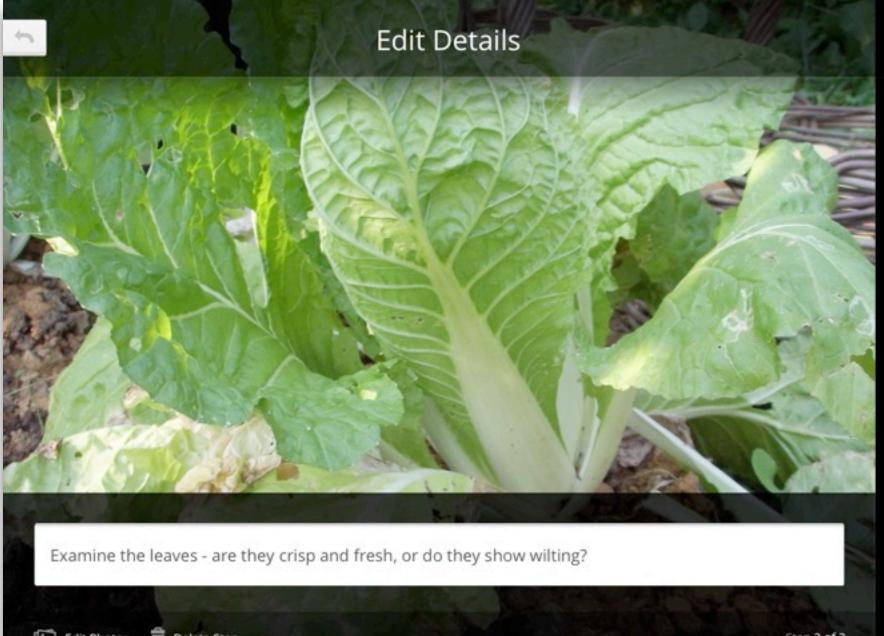
Modification Tech allows for significant task redesign

Augmentation

Tech acts as a direct tool substitute, with functional improvement

Substitution





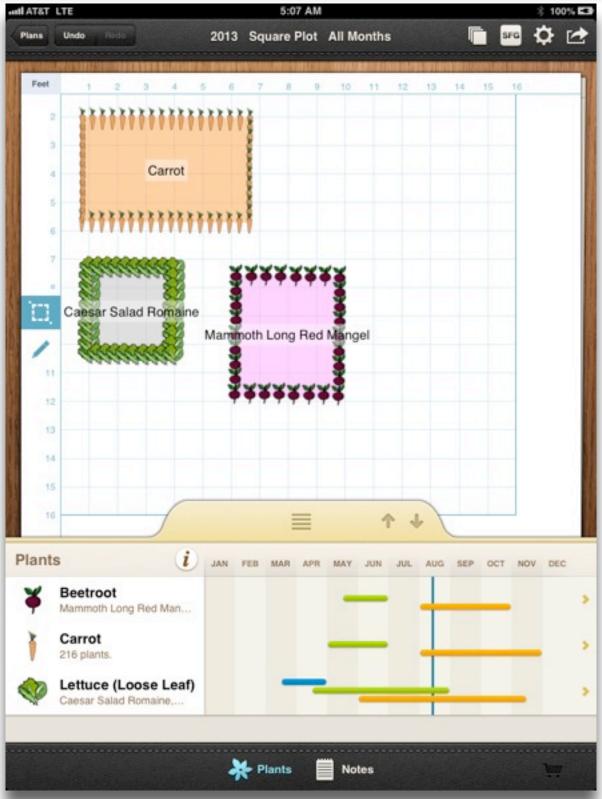
Modification

Tech allows for significant task redesign

Augmentation Tech acts as a direct tool substitute, with functional improvement

Substitution





Redefinition

Tech allows for the creation of new tasks, previously inconceivable

Modification Tech allows for significant task redesign

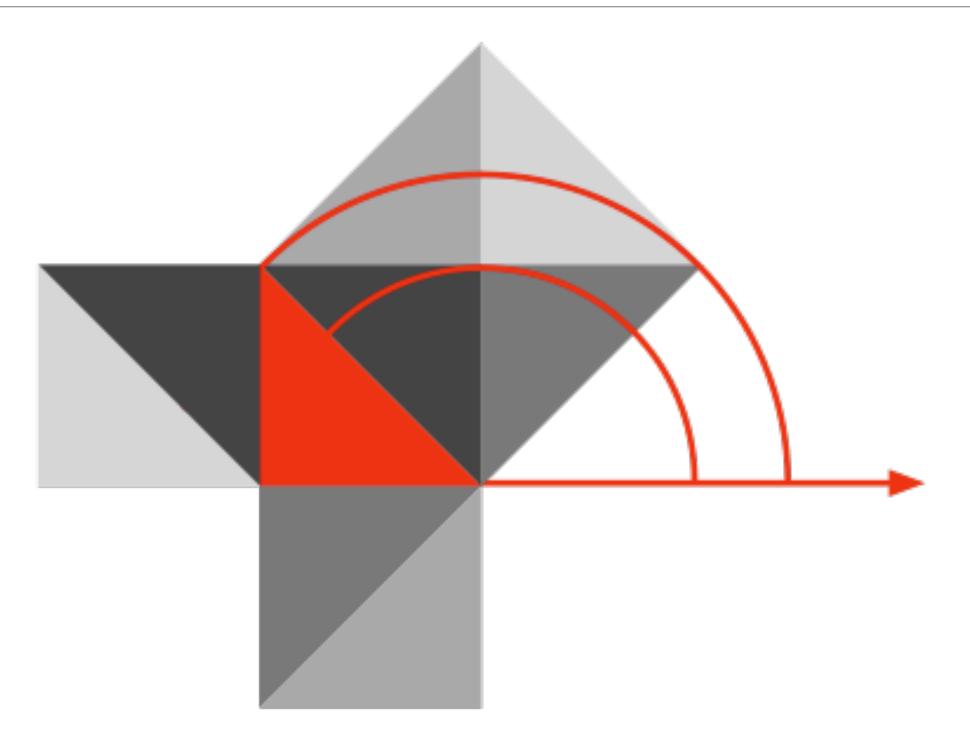
Augmentation Tech acts as a direct tool substitute, with functional improvement

Substitution



					5:46 A	M				*	100%
preadsheets	Undo			G	arden A	nalysis			A	•	
Shee	et 1		+								
		-									-
	Lettuce	Beets	Tomatoes	Carrots	Total						
May	\$25.00	\$0.00	\$0.00	\$10.00	\$35.00						
June	\$25.00	\$0.00	\$0.00	\$20.00	\$45.00						
luly	\$25.00	\$0.00	\$10.00	\$20.00	\$55.00						
August	\$20.00	\$10.00	\$20.00	\$10.00	\$60.00						
September	\$10.00	\$20.00	\$30.00	\$5.00	\$65.00						
October	\$0.00	\$40.00	\$0.00	\$5.00	\$45.00						
					Lettuce	Beets		Carrots	Tota	I	
			\$7	0.00	Lettuce	Beets	atoes 📕 d Income	Carrots	Tota	1	
				0.00	Lettuce	Beets		Carrots	Tota		
					Lettuce	Beets		Carrots	Tota		
			\$5	0.00	Lettuce	Beets		Carrots	Tota		
			\$5 \$3	2.50	Lettuce	Beets		Carrots	Tota		
			\$5 \$3 \$1	0.00 2.50 5.00 7.50	Lettuce	June Beets		Carrots		l	

Hippasus



Blog: http://hippasus.com/rrpweblog/ Email: rubenrp@hippasus.com Twitter: @rubenrp

This work is licensed under a Creative Commons Attribution-Noncommercial-Share Alike 3.0 License.

