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cience & En	Comparing Goals									
of Computer S			Intellectual Honesty	Deep Ideas	Short-Term Engagement	Long-Term Independent Engagement				
Y Departmen	123	Kinesthetic Learning Activities	Yes if done right	Yes if done right	Yes	No				
Universit		Intro to Programming	Yes	No	Yes	Yes				
lio state		Technology / End-user	No	No	Yes	Yes				
Ine On		Our Module	Yes	Yes	Yes	Yes				
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Our Ambition									
	3.6	Intellectual Honesty	Deep Ideas	Short-Term Engagement	Long-Term Independen Engagemen				
	Kinesthetic Learning Activities	Yes if done right	Yes if done right	Yes	No				
	Intro to Programming	Yes	No	Yes	Yes				
	Technology / End-user	No	No	2					
	Our Module	Yes	Yes	Yes	Yes				





















































Survey Data					
	Response	Workshop n=29	Contro n=14		
1. Before this lab, had you ever written a computer program?	Yes No	9 19	1 13		
2. Do you have a computer and Internet connection at home?	Yes No	27	13 1		
 How likely are you to download Scratch at home in the next week? 	Certain Very likely Somewhat likely Unlikely	9 10 7 3	0 4 7 3		
4. How much fun did you have in this activity?	A ton A lot Some None	13 9 7 0	8 4 2 0		
5. How much do you feel you learned in this activity?	A ton A lot Some None	7 15 6 1	2 7 4 1		
6. Did this lab change your opinion of computer science (as a discipline or a career option) in any way?	Yes, a lot Yes, a little No, not at all	3 21 5	4 9 1		
7. If you answered "yes" above, how did your opinion change?	More favorably	24	12		

