

Faculty Summit 2012

Riviera Maya, Mexico | May 23-25 | In partnership with CONACYT



The world of Multimouse

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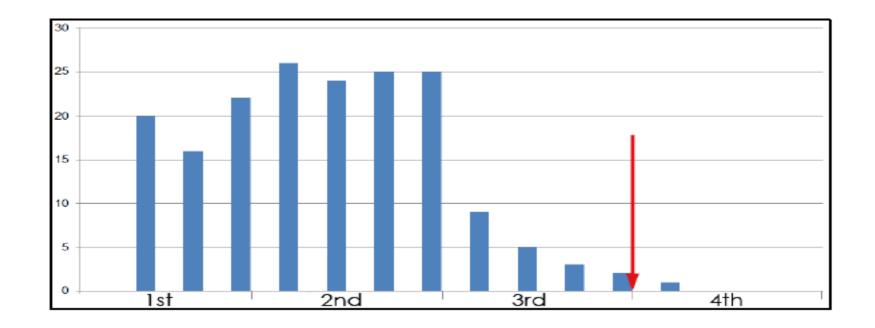


The problem









5 schools, 172 kids, 3^{ro}







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Education in Peru

Error message

A disappointing return from an investment in computing

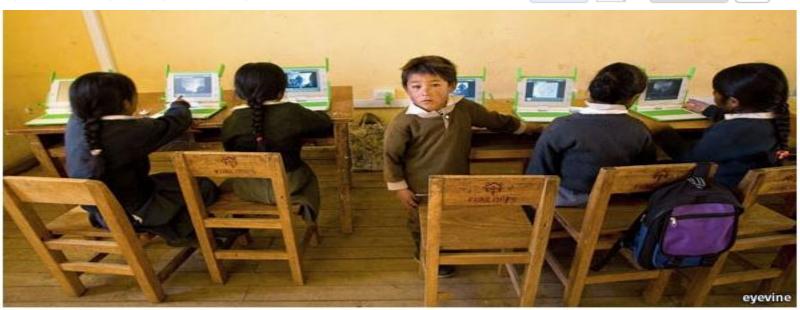
Apr 7th 2012 | LIMA | from the print edition











GIVING a child a computer does not seem to turn him or her into a future Bill Gatesindeed it does not accomplish anything in particular. That is the conclusion from Peru, site of the largest single programme involving One Laptop per Child, an American charity with backers from the computer industry and which is active in more than 30 developing countries around the world.





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1:3





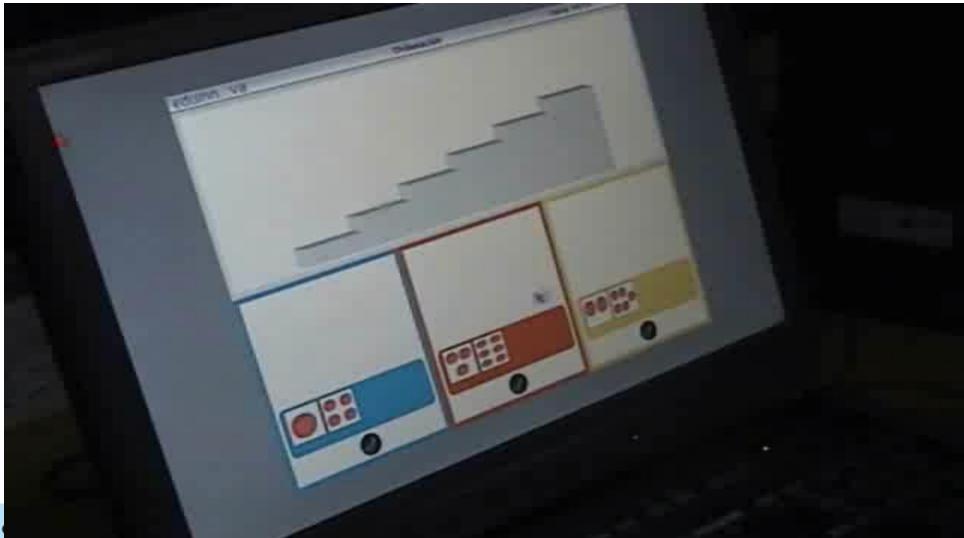












Guatemala







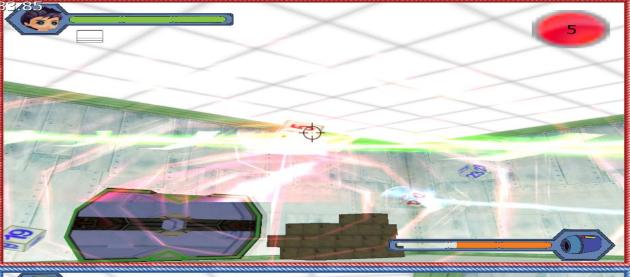




1:3 FPS









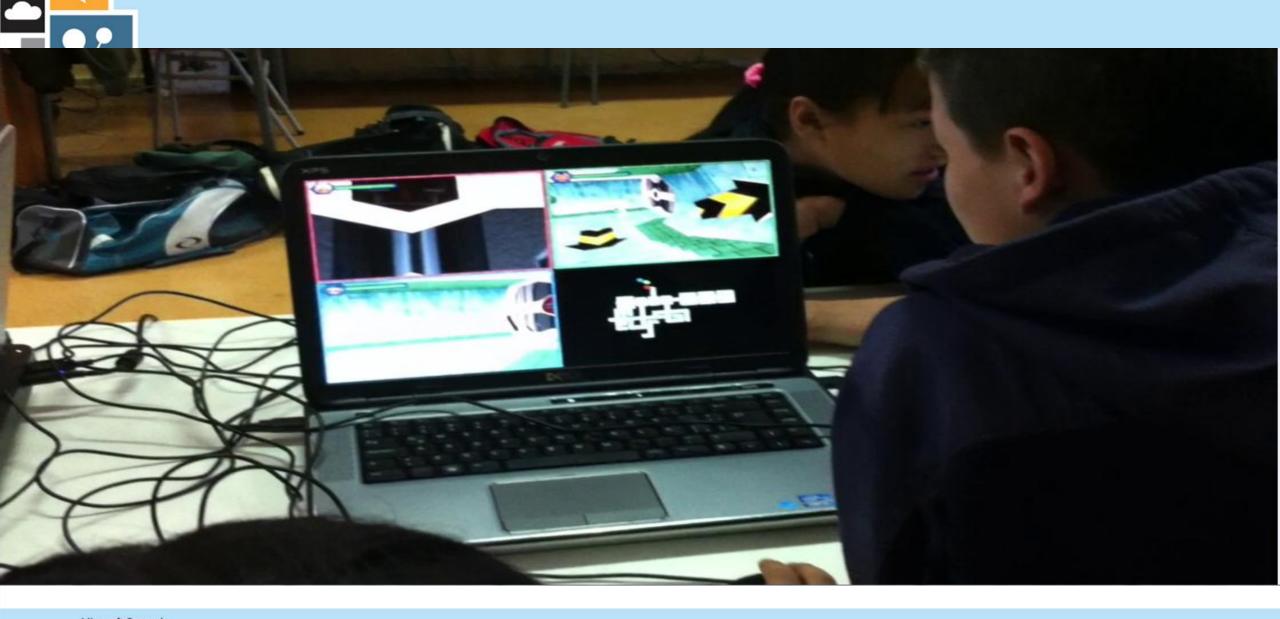


Ordenen los cubos con numeros ROJOS en orden CRECIENTE.

5

8

12





1:3 Science teaching



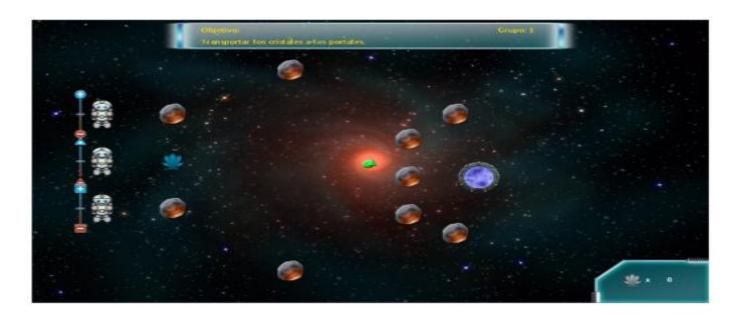
$$\overrightarrow{F_{12}} = k \frac{q_1 q_2}{r^2} \hat{r}$$

$$\overrightarrow{F_j} = \sum_i \overrightarrow{F_{ij}}$$

$$\overrightarrow{F}_{12} = -\overrightarrow{F}_{21}$$

Coulomb







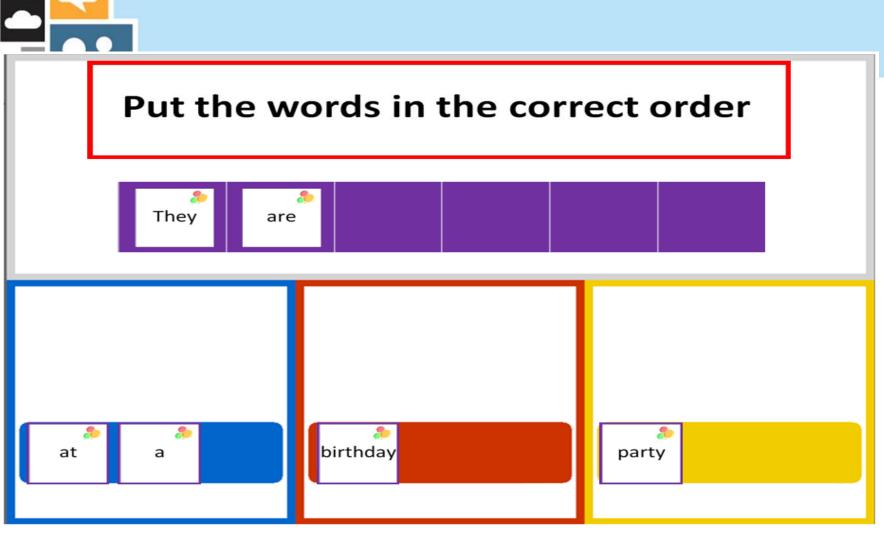


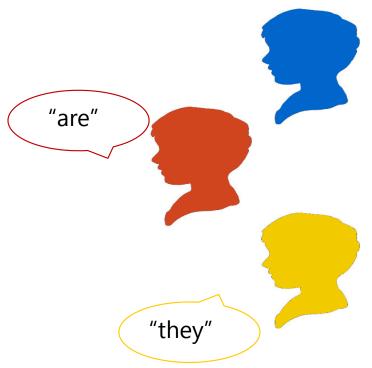


1:3 + Phones













Significative Differences				
	Vocabulary	Grammar	Listening	Pronunciation
Collab. v/s Control	0,112665996	0,1829928	0,02305323	0,017253781
Collab. v/s Individual	0,277533575	0,76241493	0,89588648	0,027312902
Individual v/s Control	0,719930611	0,29909564	0,07720547	0,951301084



1:10













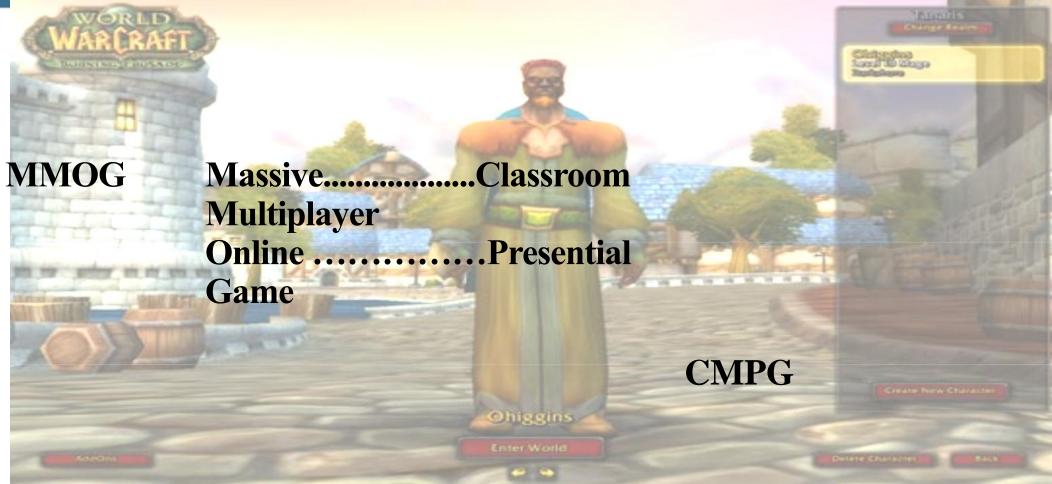














Game mechanics: how should the game be played?

- Interactivity and guidance
- Mechanics linked to learning objectives

Game progression: how should the game evolve?

- Clear narrative.
- 4. Gradual increase in difficulty.

Methodology: how does the game help the instructional strategy?

5. The teacher is a mediator during the game

Collaboration: how can teamwork between the game's participants be improved?

- 6. Organize face to face interaction
- Mechanics linked to collaboration

On-screen information: how should the game look?

- 8. Adequate spatial distribution
- 9. Recognizable elements
- Accessible language
- Avoid information overload

Holism: how can a holistic experience that satisfies the ludic and instructional aspects of the game be created?

12. Action guide



1:49













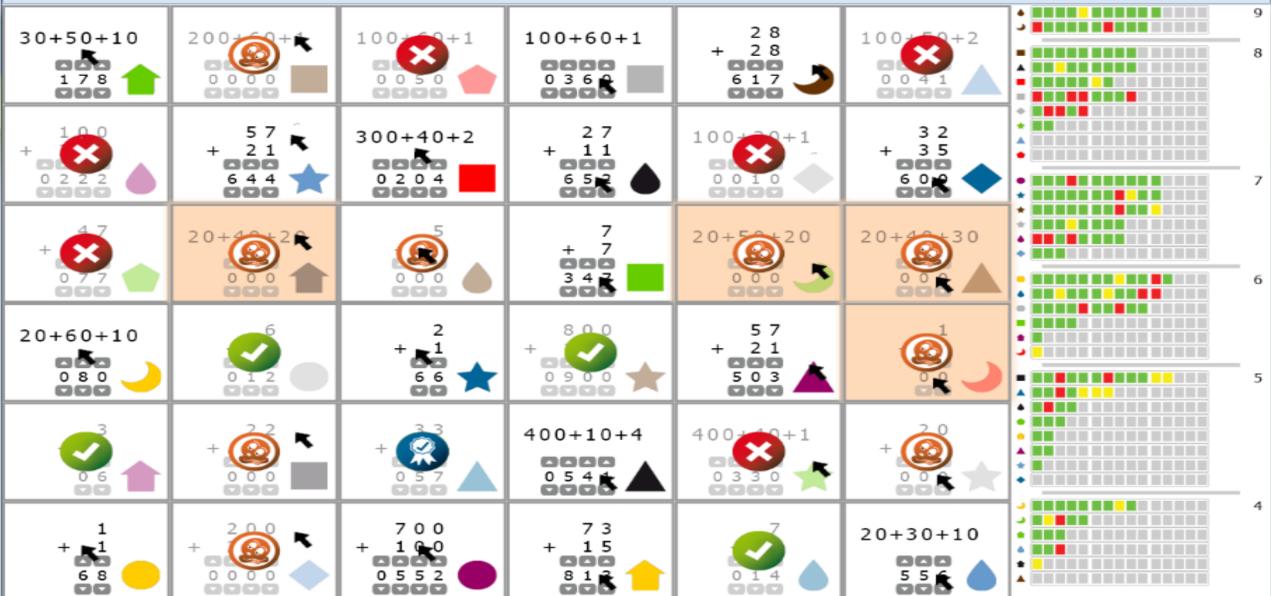




India



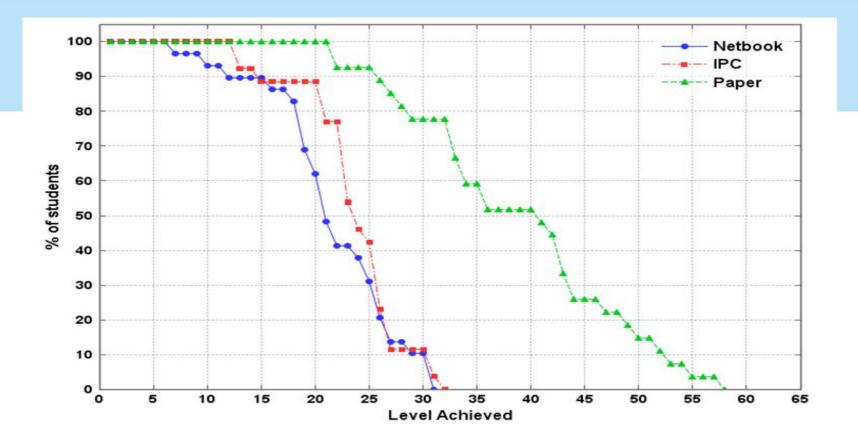












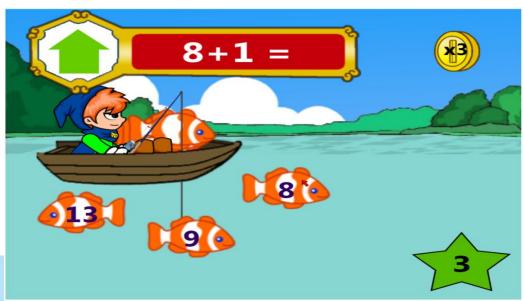
	No. of students	Pre-Test		Post-Test		8.07	6::6:
		$\overline{\mathbf{x}}$	s	$\overline{\mathbf{X}}$	s	Δ%	Significance
IPC	19	18.95	5.97	29.26	6.59	54.44%	p < .0001
Netbook	17	19.06	6.56	28.71	6.88	50.62%	p < .0001
P&P	18	25.50	8.09	32.44	9.94	27.23%	p < .0001



1:49 and Games

















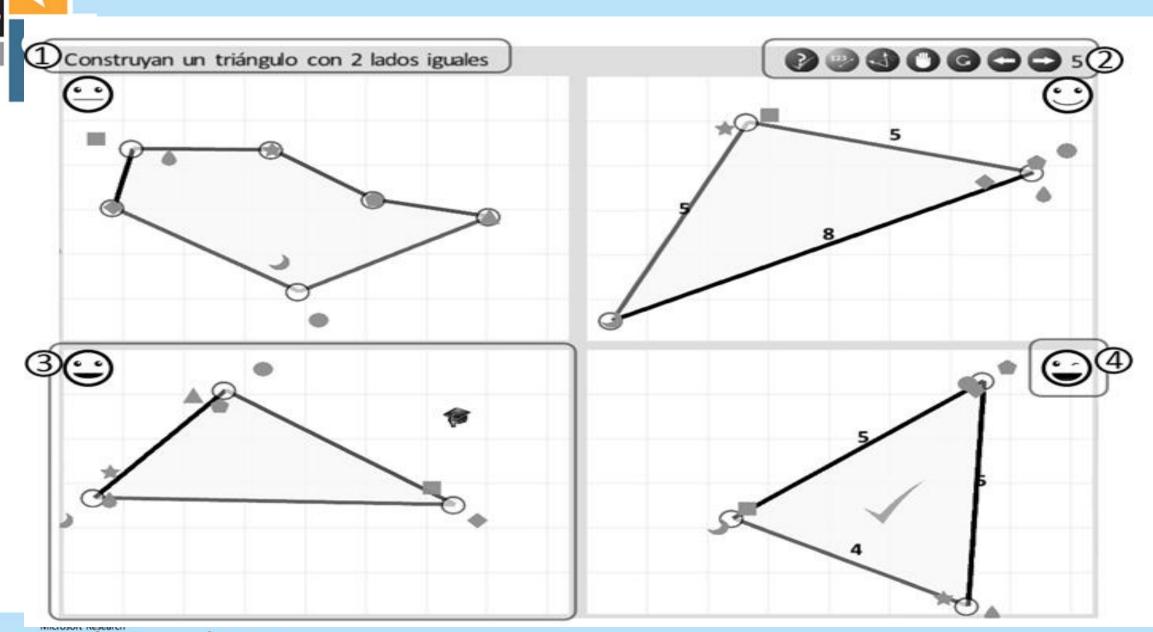








Collaborative 1:49







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