

OLPC Pilot - KAPPA

Logic Model for Teaching Matters' Pilot at KAPPA IV

Area	Objectives/Intervention	Outputs/Indicators	Data Sources	Questions to be Answered
School Environment	XOs are economically viable in a NYC public school environment (TCO)	No <u>hardware</u> repairs in need of adult (teacher/TMI) intervention	Log of support requests, Review of blog, Teacher survey, Computer dept teacher survey	What are the main hardware, software, and OS issues?
		No <u>OS</u> repairs in need of adult (teacher/TMI) intervention		How frequently is the hardware, software, or OS in need of repair requiring adult intervention?
		No <u>software</u> repairs in need of adult (teacher/TMI) intervention		How long do repairs generally take? What are the associated costs? How does the fixing?
Students	XOs will be usable by students	Students take laptops home	Student focus groups, Student surveys	Do students prefer XO over traditional PC/Mac laptops?
		Students bring laptops back		What do students do to personalize the laptop?
		Students do not request to use PC/Mac laptops		Do students "own" the problems and develop strategies to resolve them?
		Students personalize laptop		Where do students go to resolve laptop issues?
		Students continue to personalize laptop		Do students continue to use the XO once initial novelty has worn off?
		Students repair laptop problems without adult intervention		

Teachers	XOs will be usable by teachers	Teacher feels managing XOs in classroom does not interfere with teaching and learning	Teacher interview	Are XOs sufficiently transparent tools in the classroom?
		Teacher feels managing XOs in classroom benefits teaching and learning		Do teachers continue to use the XO once initial novelty has worn off?
		Teacher continues to use laptops throughout TMI curriculum		Are teachers willing to work through any initial XO learning curve?
		Other teachers (non-primary classroom) incorporate XOs in their classes		Are other teachers receptive to XO use in their classrooms?
TMI curriculum	XOs are effective for learning objectives of TMI writing curriculum	Students use the XO throughout entire TMI curriculum	Teacher survey, Student survey	Do students find the XO helpful in completing the entire TMI curriculum?
		Students use the XO at home regularly (to be defined) for TMI schoolwork		
Beyond TMI curriculum	XOs are used for additional purposes beyond TMI curriculum	Students use the XO at home regularly (to be defined) for their own purposes	Teacher survey, Teacher interview, Student focus groups, Student survey, Parent	Who uses the XO at home? Is it shared with siblings? Where is it kept at home? How often is it used? For what purposes?

Students use the XO in other classes

survey

Are their parental restrictions at home limiting use? What are parental attitudes toward XO and internet use?

Teachers allow students to use XO in other classes

Do students feel safe carrying the XO around?

Students carry XO around school

Did students previously have internet and/or computer access? Did students previously have computer access (own or shared)? Does use increase?

Students use XO unprompted at school (and continue to do so)

Are parents concerned about safety issues (e.g. being online, carrying laptop to/from school, etc)?