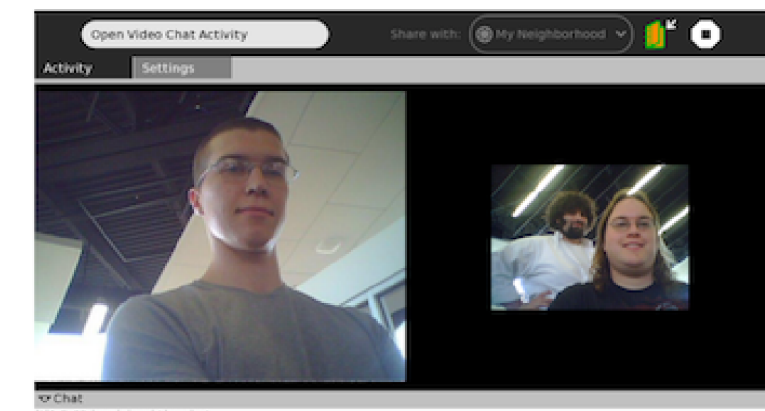


# Humanitarian Applications with Sugar and Python

## Open Video Chat

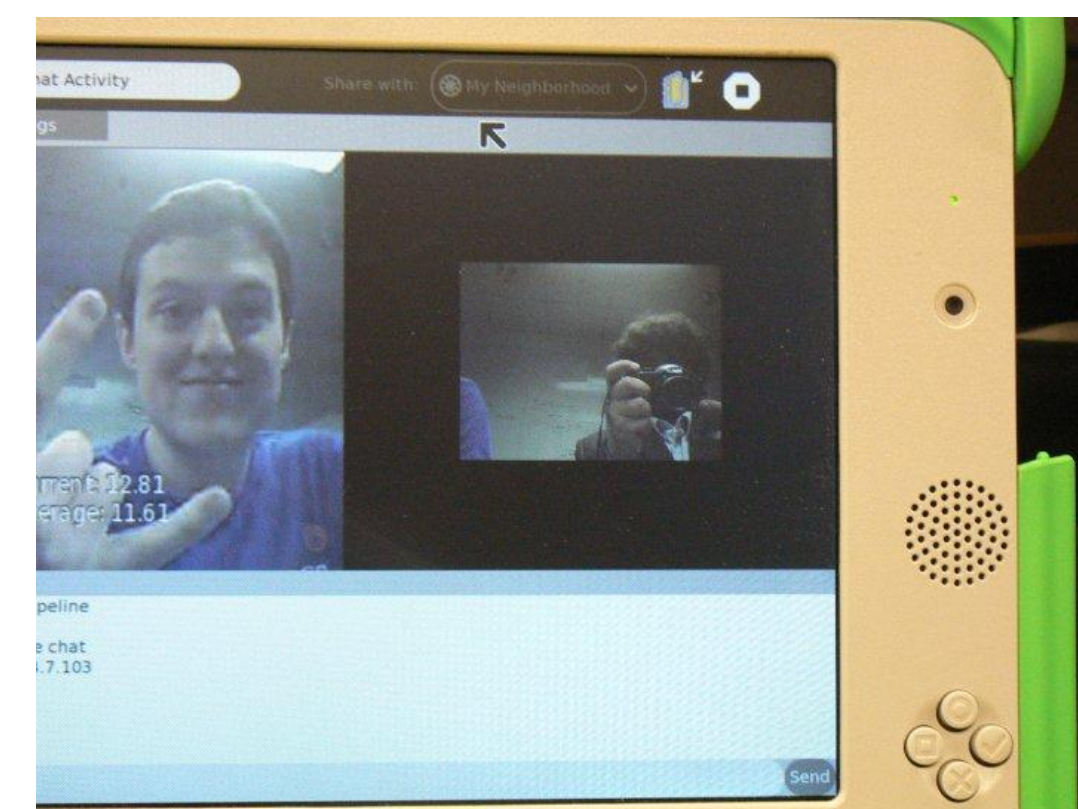


ASL video chat program

First video chat on XO usable for sign language communication

Provides communication medium for deaf children around the world

Developed as part of a Co-op and Summer Undergraduate Research



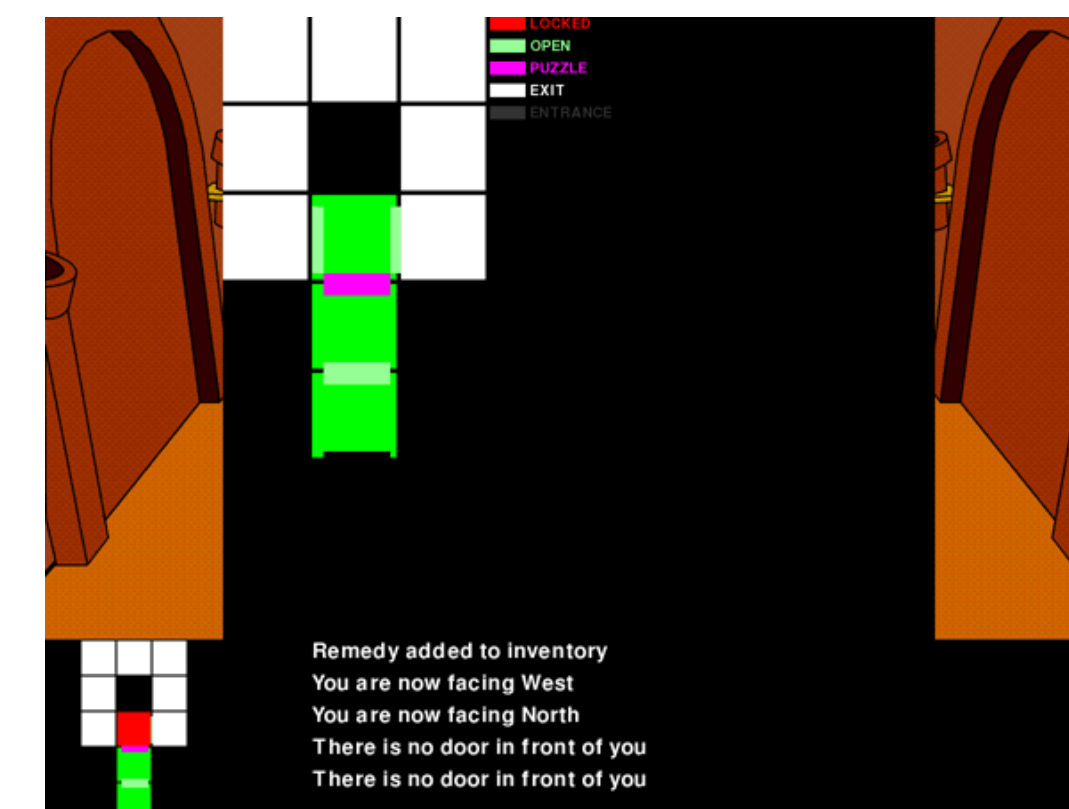
## Fortune Hunter



Educational dungeon crawler with magic and monsters

Attack monsters by completing 4th grade math questions such as arithmetic, geometry, and pattern recognition

Developed through the Humanitarian Open Source Development course



## Lemonade Stand

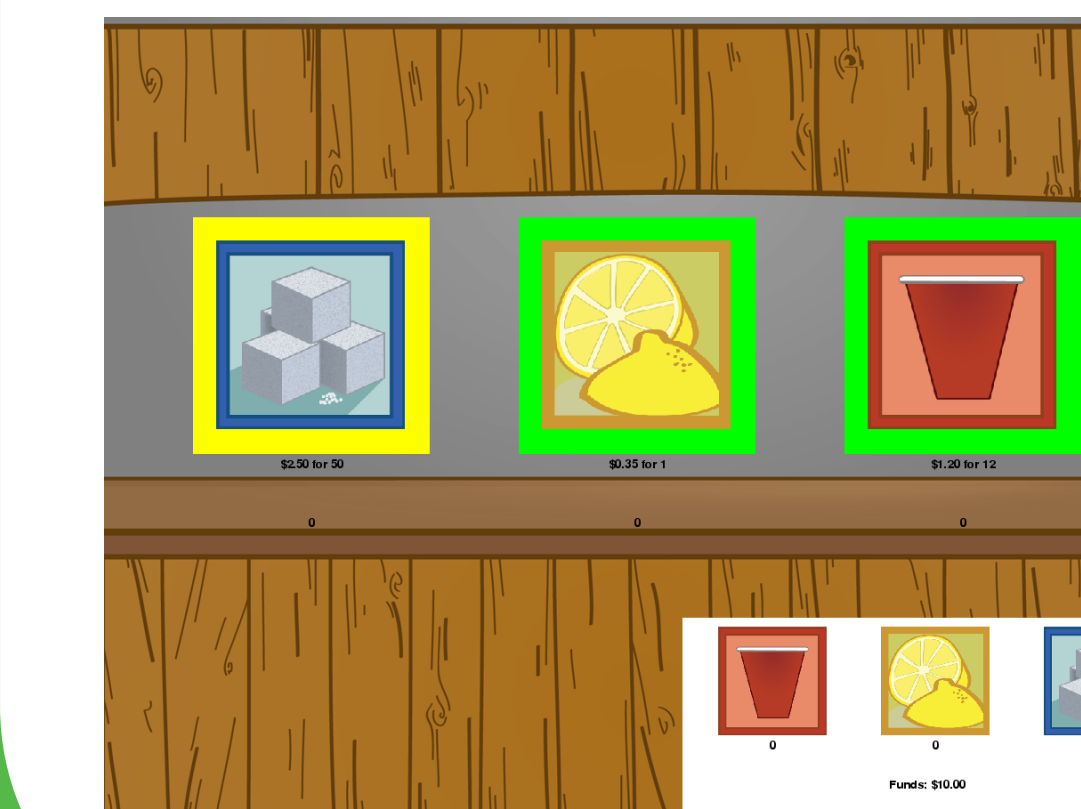


Educational money management game

Teaches 4th grade math and economic concepts such as decimals and money

Uses the Fortune Hunter game engine

Developed through the Humanitarian Open Source Development course



## One Laptop Per Child



One Laptop Per Child is a UN program aimed at providing affordable laptops to developing nations as a way to bolster their education programs.

In countries such as Uruguay, every school aged child has their own laptop that they use to complete class assignments.



<http://www.flickr.com/photos/titanas/2230955367/>



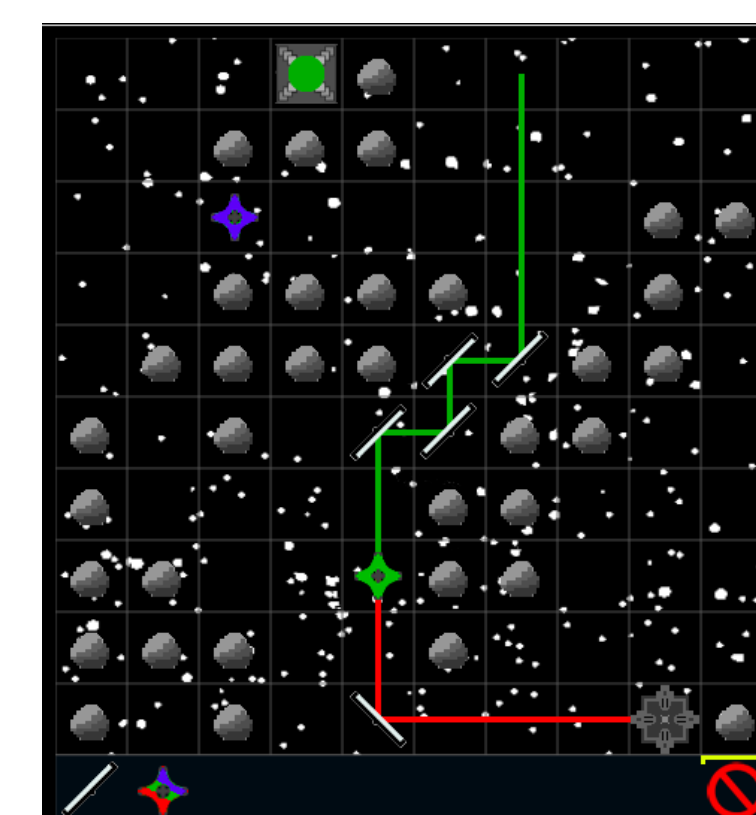
<http://www.flickr.com/photos/titanas/2231750952/>

## Other Projects



We focus on promoting free/open source software and open web technologies

The lab helped create a series of classes which have resulted in several educational games and tools written in Python for the Sugar desktop environment and now for the web



## Get Involved



FOSS@RIT is an applied research lab at Rochester Institute of Technology

Interested in Open Source or Humanitarian projects?

We do:  
Co-ops  
Summer Research  
Open Source Courses  
Hackathons

Join us in IRC:  
#rit-foss on [irc.freenode.net](http://irc.freenode.net)

