Laptop Liberation

Benjamin Mako Hill
http://mako.cc

One Laptop Per Child Project
Free Software Foundation

one laptop per child

It's an education project, not a laptop project.
—Nicholas Negroponte

The ~~$100~~ $180 Laptop

I.   **Child Ownership**

II. **Low Ages**

III. **Saturation**

IV. **Connection**

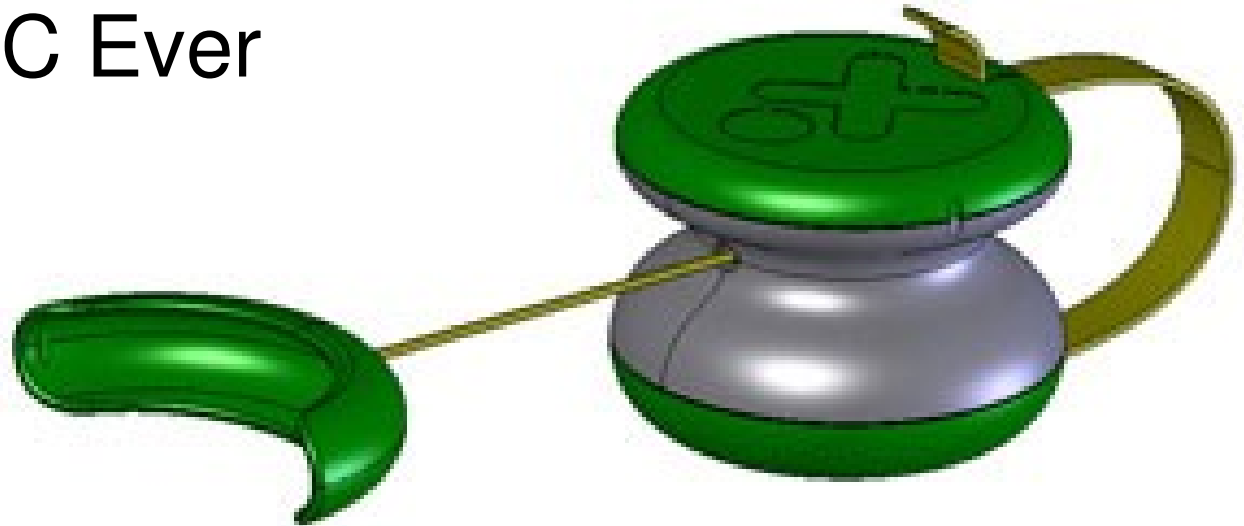V.   **Free and Open Source**

XO-1 Hardware

- AMD Geode 433MHz CPU

- 256MB RAM

- 1GB Internal Flash (+SD)

- Wireless Mesh Networking

- 6" x 4.5" Screen

  – 1200x800 B&W (Reflective)

  – 800x600 Color

- Camera 640x480

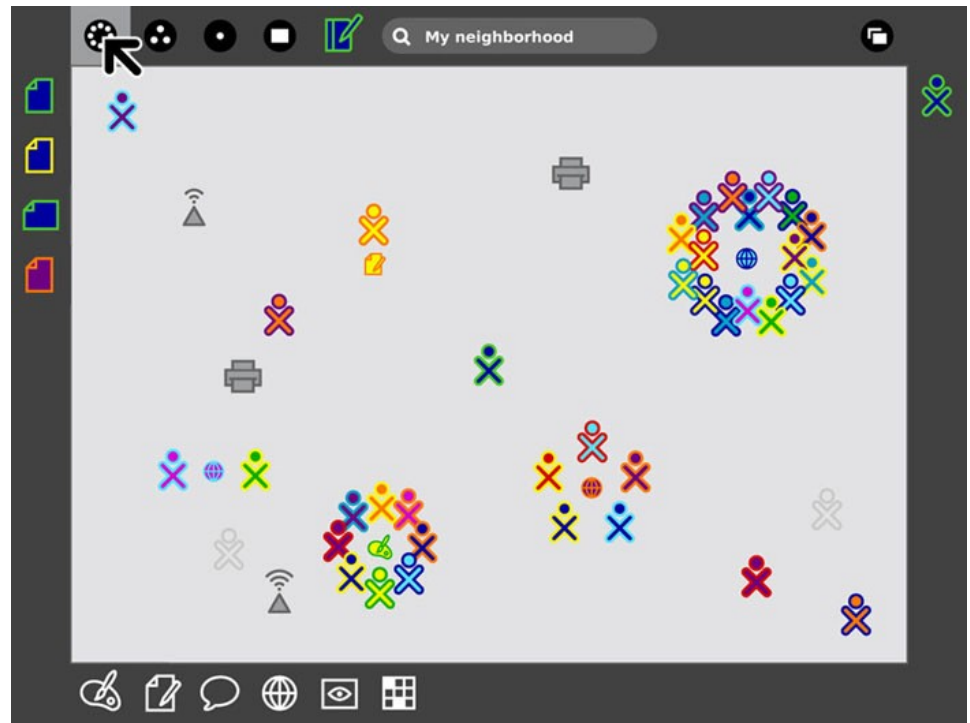- USB Ports, Game Buttons

- Rugged/Water Resistant

XO-1 Power Consumption

- Target Power: 1 watt
- Low Poer Ebook Mode
- Flexible Input (10-20V)
- Human/Solar Power Options
- "Greenest" PC Ever

XO-1 Software

- New *Sugar* UI
- Few Words
- Activities instead of Applications

- Fedora and GNU/Linux
- Python, C, C++

Free Software

The freedom to...

    ... use software for any purpose.

    ... study and modify.

    ... distribute copies to others.

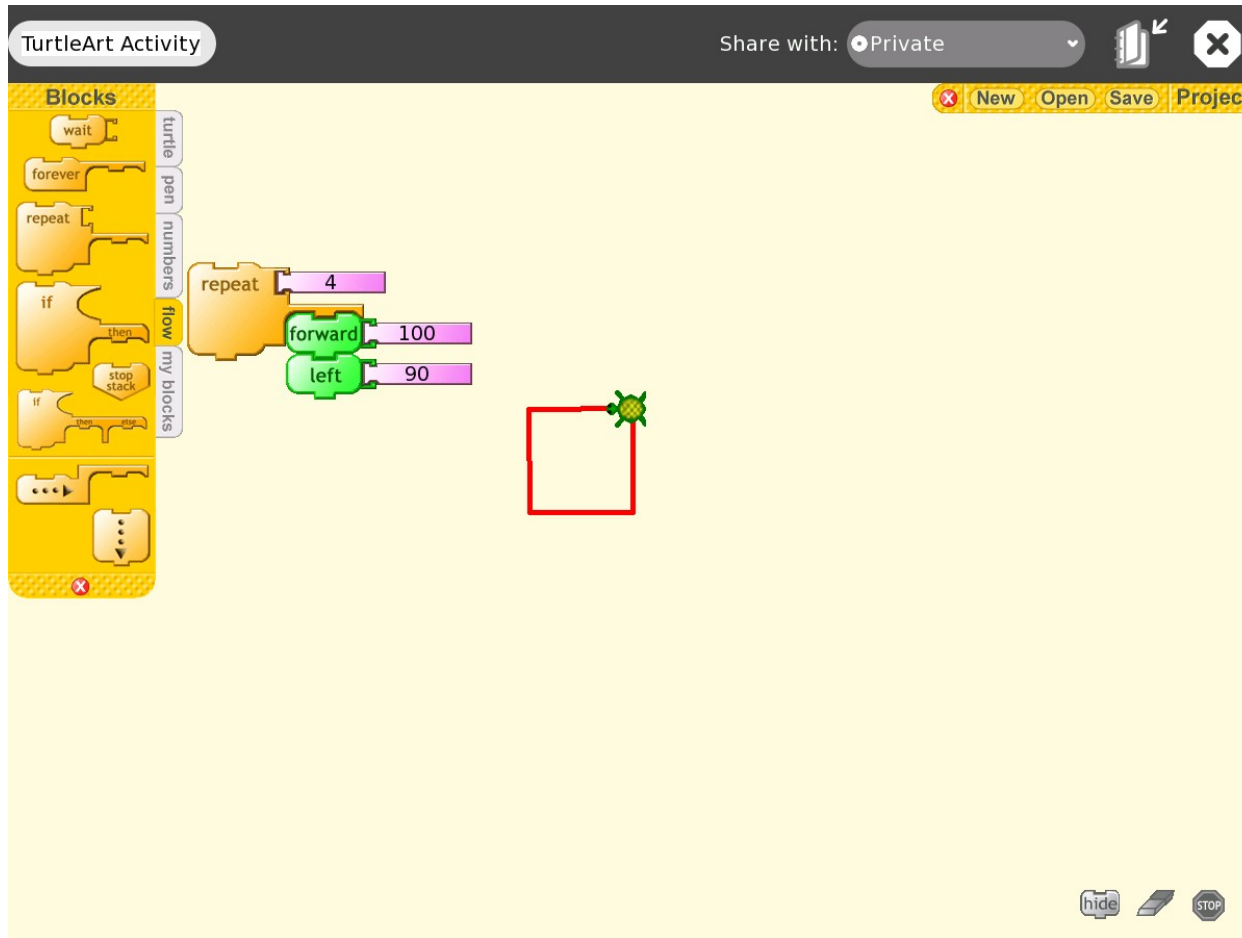   ... collaborate and share your changes.

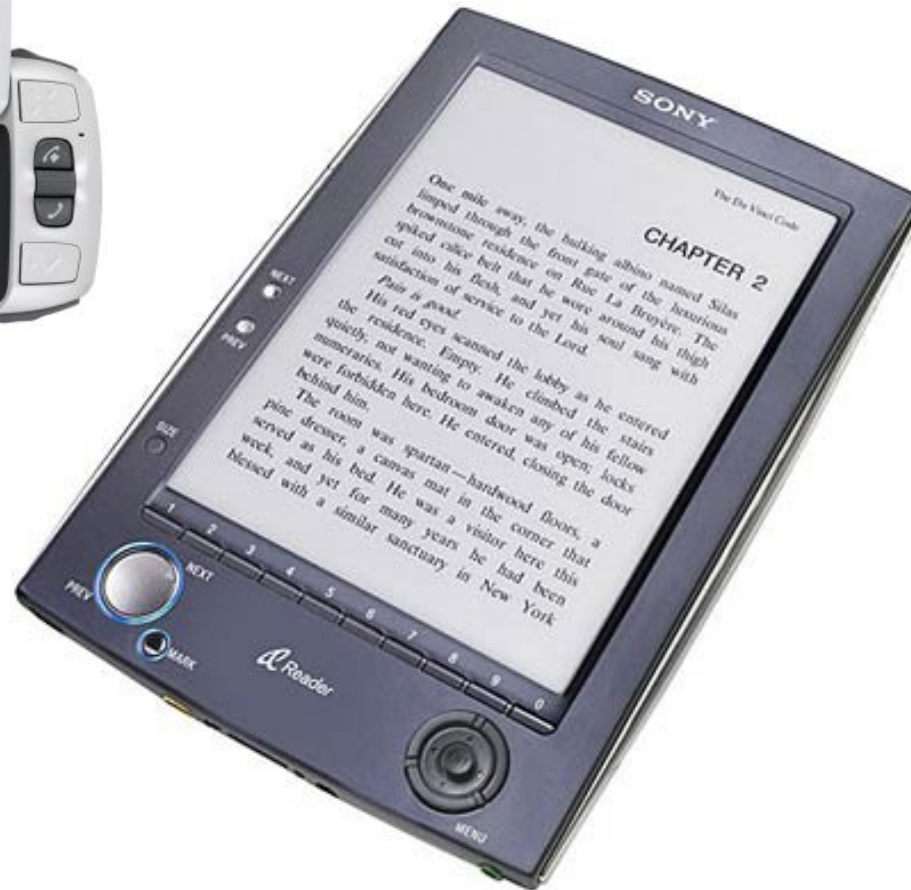I. Child Ownership

II. Low Ages

III. Saturation

IV. Connection

V. Free and Open Source

Pedogogical Philosophy

Learning, Not Teaching

Alternatives

One Laptop Per Child

http://laptop.org

http://wiki.laptop.org

Free Software Foundation

http://www.fsf.org

Give One.
Get One.

http://laptopgiving.org