

The Vung Vieng Fishing Village Vietnam OLPC Laptop Project



The First Deployment of XO Laptops To
Children in Vietnam
Nancie Severs, 2010

Located in Ha Long Bay, Vietnam



- The VVV is located in Bai Tu Long Bay, [Vietnam](#).
- In Northeast Vietnam, about 40 kilometers from the mainland.
- Approximately 165 k from Hanoi and 130 k from the Chinese border.
- Ha Long Bay has been designated as a UNESCO World Heritage Site.

The VWV is a Floating Village



- Remote, Poor, and Off the Electrical Grid
 - Accessible to Visitors

Site Profile and Goals

- Low village literacy rate
- 24 kids ages 7 -13 attend the 3 room school
- Limited learning resources
- High dropout rate from age 10 plus
- High School attendance is rare
- Increase literacy and computer literacy among children and adults
- Increase teaching resources in the VVV
- Increase school attendance rate
- Increase % of kids prepared for and attending high school

Transporting the XO's to Vietnam

By Air:

From Boston to Bangkok

Then Bangkok to Hanoi

By Van:

From Hanoi to Ha Long City

By Boat:

From Hong Gai to the

Vung Vieng Fishing Village



Building the Vietnam Team



- Nancie Severs
- Mr. Tuyen Luong
- Ms. Nguyet (Hanoi)
- Ms. Hong
- Mr. Ninh
- The VVV Teachers
- Power Consultants
- Other Members

Creating Infrastructure and Good Will



- Local Resources and Useful Friends
- Professional Appearance
- The New Vietnam Team Learns by “Doing”
- Benefits and Rewards for Volunteers

The Teacher Training Certificate



Ceremony Day: The first time most of the children and adults have seen a laptop.



Teacher Training in the VVW



VWV Children Experiment with the XO's



The First Activity Should Teach:

- How to open and close the XO
- How to power on and properly shut down the XO
- How to use the track-pad
- How to open and close an Activity
- How to have Fun

We Used The “Speak” Activity



The Language Menu Includes Vietnamese!

The Second XO Class



We Practiced:

- How To Turn On, Open & Close Activities, & Shut Down
- How to Use the Touch Pad, Keyboard, Hover, & Zoom
- The XO is like a Whole Library. What's a Library?
- We Have a Map of Vietnam!

It's Break Time but the Kids Want More



Life in the Vung Vieng Village



Power and Community Benefit



- Generator operates 2 to 3 hours a day
- Goal: Clean power to charge XO's
- Goal: Teach Solar Technology
- Goal: Provide additional electricity for evening learning

VWV Project Inventory

- 13 XO's
- 1 new extra battery
- 15 tip cords without plugs
- 2 "IGO" 12 Volt chargers
- 2 USB to Lan adapters
- Various cables (Ethernet etc.)
- 2 Printed OLPC Laptop Manuals
- 6 Power strips
- 12 green and white ear buds
- 5 Green and White Mouses
- 6 Microphones
- 5 flash storage USB sticks
- 1 Solar Charge Controller
- 13 Solar Panels,
- 2 200Ah, 12 volt batteries
- 1 Inverter



Challenges & Needs: \$ & Dong

- XO language & keyboard are not Vietnamese
- Add local team members with computer & Internet support skills
- Create teacher training stream
- Convince Vietnamese software developers to work with Sugar
- Obtain government support & assistance

Decisions

- Private/Corporate Partners vs. NGO
- Paid vs. Volunteer
- Collaborative vs. Hierarchical
- School vs. Extra-curricular
- Internet vs. Intranet
- Costs: How to pay for them

The Future: Sustainability & Expansion

- Goal: 1 XO per VVV child in school
- Goal: Server, powered by solar
- Goal: Internet in the VVV
- Goal: Replicate project in other floating villages



The VVW Children Need More XO's



Micro-deployments Spread OLPC

