Word Definitions

1. School
2. Life Insurance
3. Marriage
4. Lecture
5. Conference
6. Compromise
7. Boss
8. Politician
9. Doctor
10. Committee

1. A place where Papa pays and Son plays.
2. A contract that keeps you poor all your life so that you can die rich.
3. It's an agreement in which a man loses his bachelor degree and a woman gains her masters.
4. An art of transferring information from the notes of the Lecturer to the notes of the students without passing through 'the minds of either'.
5. The confusion of one man multiplied by the number present.
6. The art of dividing a cake in such a way that everybody believes he got the biggest piece.
7. Someone who is early when you are late and late when you are early.
8. One who shakes your hand before elections and your confidence after.
9. A person who kills your ills by pills, and kills you by bills.
10. Individuals who can do nothing individually and sit to decide that nothing can be done together.
One laptop per child (OLPC) in Papua New Guinea

A education partnership for remote and rural schools in PNG

Papua New Guinea
### PNG Context

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area</td>
<td>462,840 sq km</td>
</tr>
<tr>
<td>Independence</td>
<td>September 16th 1975</td>
</tr>
<tr>
<td>Population</td>
<td>6.1 million (approx)</td>
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<tr>
<td>Tribal groups</td>
<td>More than 1,000</td>
</tr>
<tr>
<td>Cultures</td>
<td>Complex and diverse</td>
</tr>
<tr>
<td>Languages</td>
<td>More than 800</td>
</tr>
<tr>
<td>Official languages</td>
<td>English, Tok Pisin and Hiri Motu</td>
</tr>
<tr>
<td>Education systems</td>
<td>Traditional and Western</td>
</tr>
<tr>
<td>Student population in schools</td>
<td>2.3 million (approx)</td>
</tr>
</tbody>
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### Early Mission schools

Images of early mission schools showing children and teachers in traditional settings.
Early schools

- First Christian schools were introduced in 1874
- Christians – goal was for conversion to Christianity
- Government – goal serve colonial interests

Schools in 21st century

Teaching practice in 2006 – two very remote schools
Education Reform

- General dissatisfaction with education
- Two committees
- Tololo in 1974
- Matane in 1985
- Reforms recommended use of vernacular in educational instructions
- Make education more community based
- Matane – philosophy of education and introduction of “integral human development”
- Education is not for a paid job, but holistic
PNG-ARNet sites

Community Service
True partnership
Community College

Marienburg Community College

Drop outs from Grs 8, 10,12

15 more requests around PNG Provinces

One laptop per child
OLPC XO

1200 x 900 (152x114mm) Color Display
466 MHz Processor
Graphics Coprocessor
256 MB RAM
1 GB solid-state storage
1.45 kg
17W charger
$200

Sunlight Readable Display
Low Power
Robustness
No moving parts
- Other than buttons
Simple to Repair

OLPC Mission Statement

- To create educational opportunities for the world's poorest children by providing each child with a rugged, low-cost, low-power, connected laptop with content and software designed for collaborative, joyful, self-empowered learning.

- Nicholas Negroponte

- “It's an education project, not a laptop project.”
OLPC Core Values

1. Child ownership
   a. Child’s
   b. Duties and responsibilities

2. Low age
   a. Designed for 6-12 year olds – inclusive
   b. Journal to trace learning path

3. Saturation
   a. Best scale within a given locality
   b. Reaches everyone and protects all from ignorance and intolerance

Core values cont...

4. Connection
   a. Provide the most engaging wireless network available
   b. Batteries can work for many hours and charged

5. Free and open source
   a. Child is active participant in learning community
   b. Children are learners and teachers
   c. No restriction to modify software and/or redistribution

6. Community participation
One laptop per child project

Dreikikir grade 3 children

Elementary children in Madang

Gaire Primary School

Erima Primary School
Internet

Connectivity is a fundamental requirement for XOs

- WiFi access to the school
- CDMA and 3G access
- VSAT broadband
- ADSL

The “XS” - School Server

- What is an OLPC School Server?
- Specifications
Large schools deployment

Lihir Digital Network (LihirNet)
Core Benefit - Education

- Provide connectivity to OLPC project
- High speed broadband access to entire Island
- Enhance collaboration with partner institutes
- Digital libraries
- Open and distance learning

Core Benefit - Health

- Telemedicine
- Support prevention and personalization
- Evolve from reactive to proactive care
- Offer health educational programs for Health employees and the public
- Facilitate integrated and open care
- Can effectively & successfully contribute to implementation of the “healthy island concept”
Ongoing projects

- Teacher training in St Benedict’s Campus
- Dreikikir Primary School – East Sepik
- Gaire Primary School – Central Province
- St Peter’s Primary School Erima – NCD

Content and Data Centre
OLPC Requests

- Enga Province
- Talidik Primary School - Madang
- Kiunga District – PNG Sustainable Development Fund
  - Supported by OkTedi
  - 1,000 computers (1st stage)

Thank you for listening

Please visit our website
http://olpc.org.pg