



Steps 3 to 5

Engaging parents, Communication strategies & Assessing school readiness



► Setting Strategy..

To build a one-to-one program that is **sustainable, replicable and scalable**, we need to...

- develop of an effective **implementation model**
- Build and sustain broad **community support**
- **re-imagining curriculum** opportunities
 - associated professional development
 - software issues
- project management - policies & procedures
 - finance options & insurance
- **infrastructure planning**
 - security & storage
- Manage program logistics - vendors
- Manage ongoing service & support
- **Address classroom management** issues



Anytime Anywhere Learning

inspire - imagine - innovate - implement

► Building Broad Community Support

- Develop a Community communications strategy
 - Staff & students
 - Parents
 - Broader business and civic community
 - Be specific and detailed about key issues
- Set realistic expectations from the outset -**underpromise and overdeliver**
- Be proactive and totally transparent at all times
- Educate and inform around all issues, ideas and challenges
- Celebrate successes frequently and publicly



Anytime Anywhere Learning

inspire - imagine - innovate - implement

► Education fads come and go, but this time
it's back to basics as parents demand ...

DO IT OUR WAY



► Assessing Readiness...

Consider....

- Technical Capacity
 - Staffing
 - Systems
 - Helpdesk
 - Partner
- Network Readiness
 - capacity
 - speed
 - reliability
 - Connectivity
 - Wireless

• Physical environment...

- Power
 - Capacity
 - Reliability
- Lighting
- security

• Staff Readiness

- Personal computers
- Support
- Digital competence

• Parental Support

• Community Support

• Leadership Support

• Learning Environment

► Another perspective for assessing readiness...

- Infrastructure and technology and its readiness to support effective learning
- The classroom experience, including classroom management and impact on learning
- Pedagogical readiness and effective professional development strategies
- School organization and Program Implementation Strategy
- Impact on the Wider School Community.



► A possible Action Hierarchy

- Observations

These are comments which are simply part of the report text, *but which have been italicized*. They are often a statement of support for existing policy or practice, where it was felt there was a need to highlight the importance of such to the ongoing success of the notebook program.

- Considerations

These are recommendations from the readiness assessment that are considered worthwhile of further investigation. They then may or may not be adopted depending on additional circumstances that will influence the decision.

- Recommendations

These are recommendations for action that are seen as necessary, but in the process of reviewing their potential implementation, there still may be due reason why they may not be acted on. However for the most part, they are considered important and there should be serious consideration to any rejection of them.

- Strong Recommendations

These are recommendations that are considered essential to the ongoing success of the notebook initiative at the school. They should be considered as fundamental to the continuation of the program





Steps 6 to 9

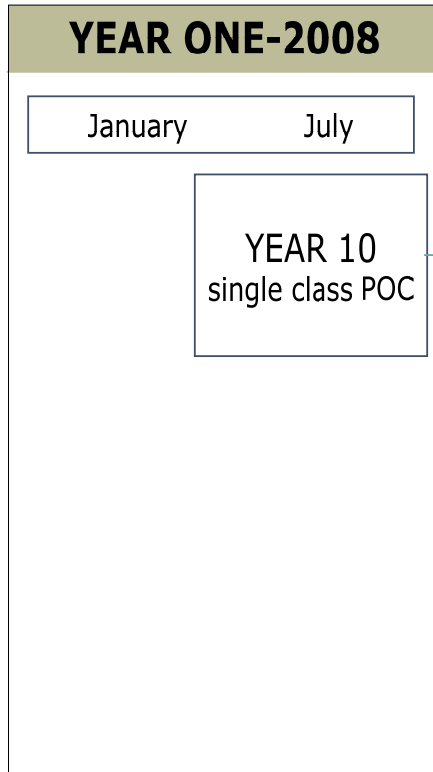
Project Implementation, Budgeting & Ownership models

► Scoping Implementation models..

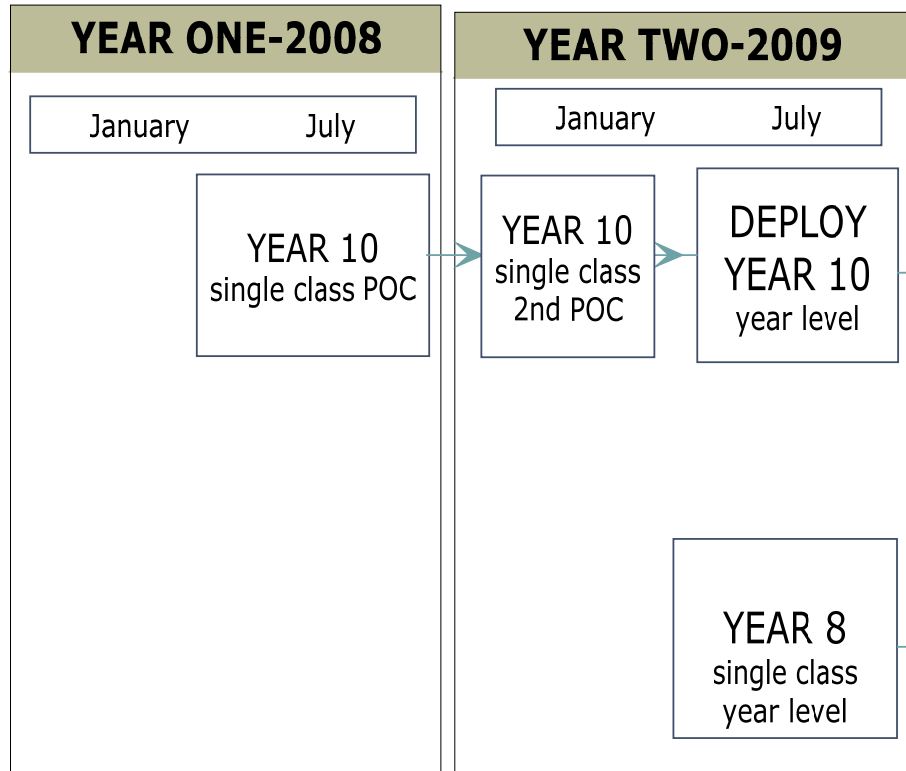
- variety of paths to take
 - a class
 - a grade level
 - a school
- pilot vs. expanded program
- optional vs. mandatory across subjects or grades?
- mixed classrooms or laptop-only classrooms
- determine best funding model

...above all, set yourself up for success!

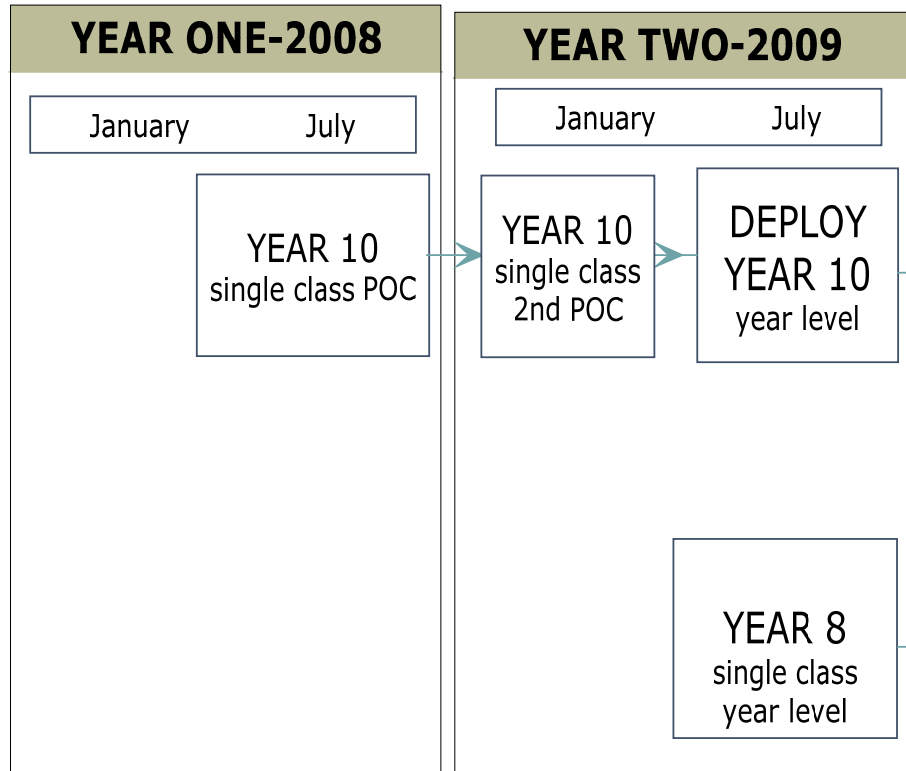
Scoping a Model for 1 to 1 Implementation



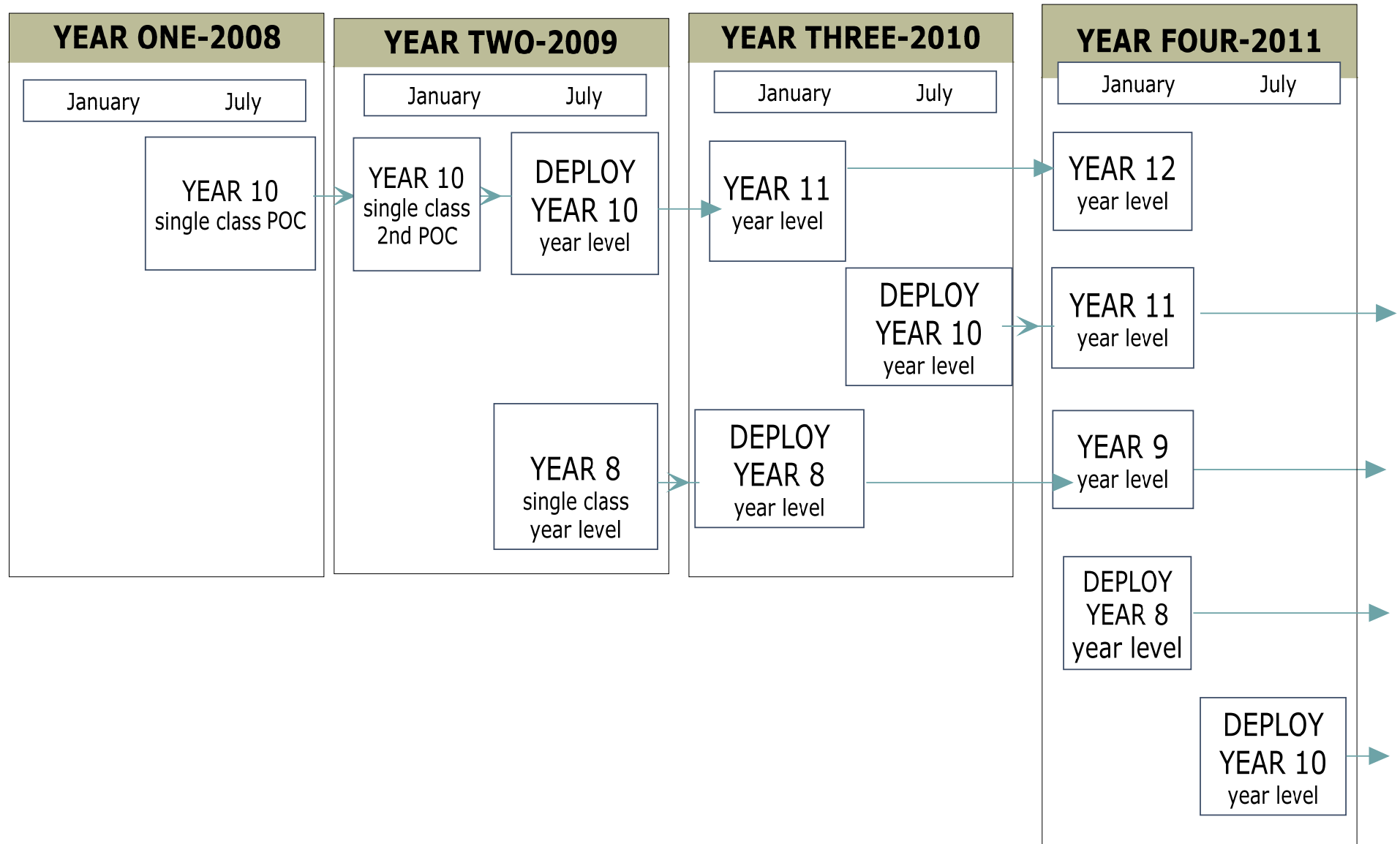
Scoping a Model for 1 to 1 Implementation



Scoping a Model for 1 to 1 Implementation



Scoping a Model for 1 to 1 Implementation



► Infrastructure planning...

- constantly refer to your learning objectives designing your best environment
- set a **high bar for acceptable performance**-a different order of magnitude: clear expectations.
- **prerequisite, preferred and optional**
- integrate tightly into your implementation schedule

Peripherals

Highly Recommended

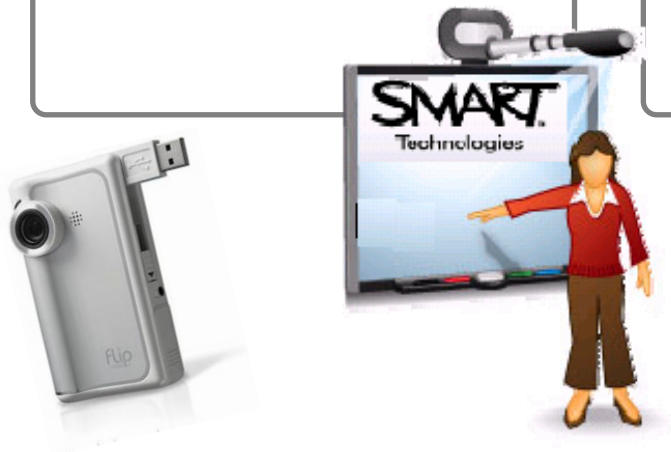
- Video camera
- CD drive
- Interactive whiteboard

Recommended

- Printer
- Thumb drive
- Hard drive
- Scanner
- Projector
- TV/monitor
- USB memory

Nice to Have

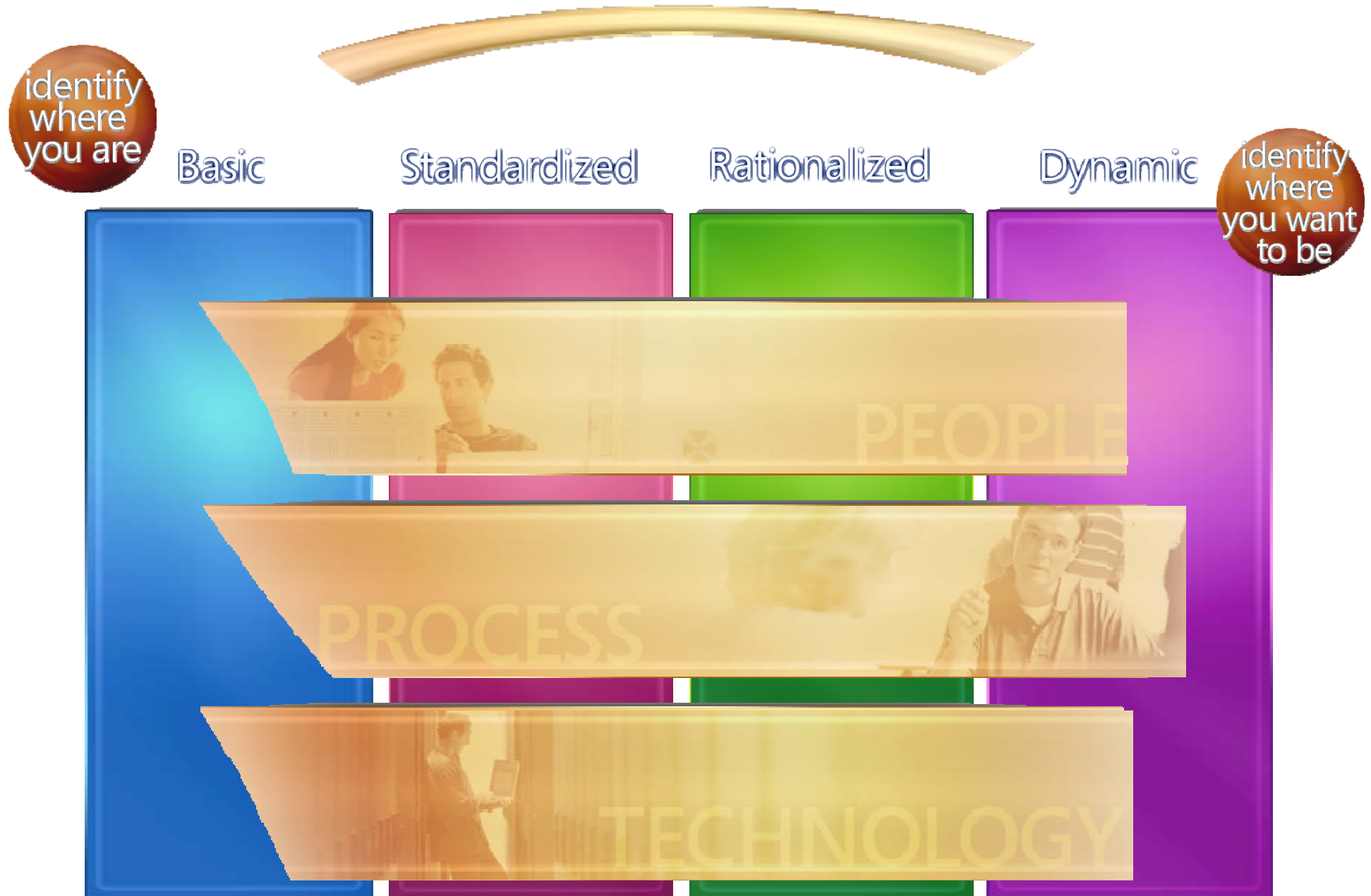
- Digital pen
- Still camera
- Microscope
- Robotics
- MP3 player



► Service and support management

- Student helpers
- **sustainable, replicable, scalable.**
- who is responsible for support, and to what level?
 - what can be reasonably handled in-house vs outsourced
- hardware...warranty, insurance
- software...helpdesk, outsourcing
- how is the support cost going to be covered?

How To Take The Journey



Microsoft Operations Framework/ITIL in IOM



Where is your school at today?





External funding
Foundation support

Funding your 1-to-1 initiative ...not a barrier, usually an excuse.



A simple idea that
can work...

You should fund your
1-to-1 initiative from a
range of sources

build equity not
inequality

*Why is it important for each child to have a
computer? What's wrong with community-access
centers?*

“One does not think of community pencils—kids
have their own.

They are tools to think with, sufficiently
inexpensive to be used for work and play,
drawing, writing, and mathematics. A computer
can be the same, but far more powerful.

....and these belongings will be well-maintained
through love and care.”

Nicholas Negroponte 2005



► One-to-One Funding Equity

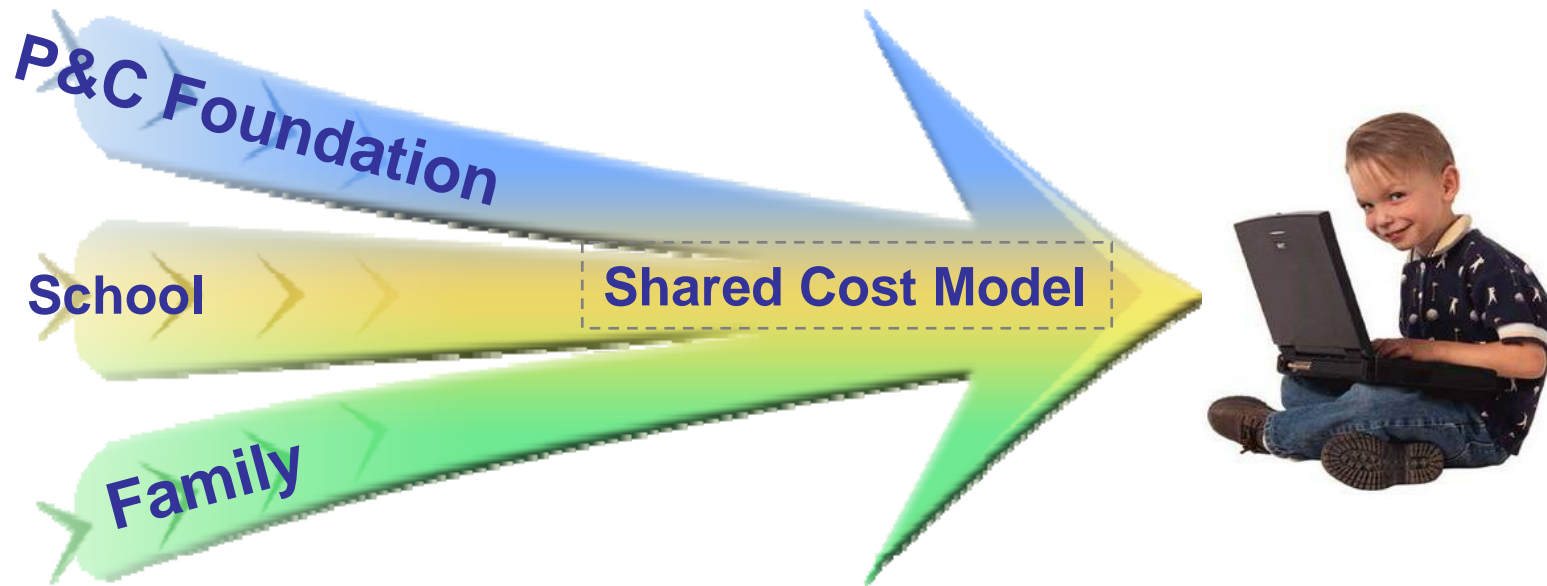
Core Principles

- Funding should ensure all students can participate
- Everyone who benefits should make some contribution
- Funding should be structured to ensure it can be sustained indefinitely
- Laptop funding must be supported by a commitment to professional development





A unique funding option...



...that is sustainable, replicable and scalable.

Start with some assumptions....

- Student laptop
\$850



Total Cost \$1100

Over 3 years \$32/month

- Bag
\$50



Software *

\$50

Microsoft

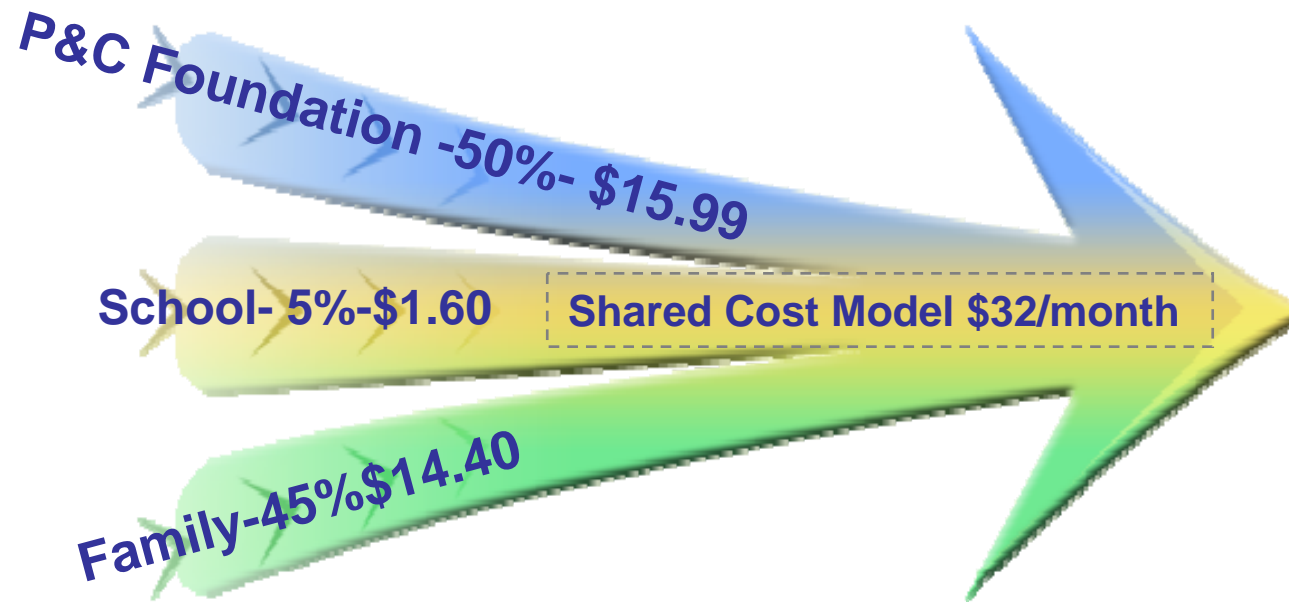


- 3 years insurance
\$150





A unique funding option...



...and this is sustainable, replicable and scalable...**every** child can benefit.

An alternative....

- Intel Classmate
\$450



Total Cost \$600

Over 3 years \$17/month

- Bag*
\$30



Software *
\$50

Microsoft

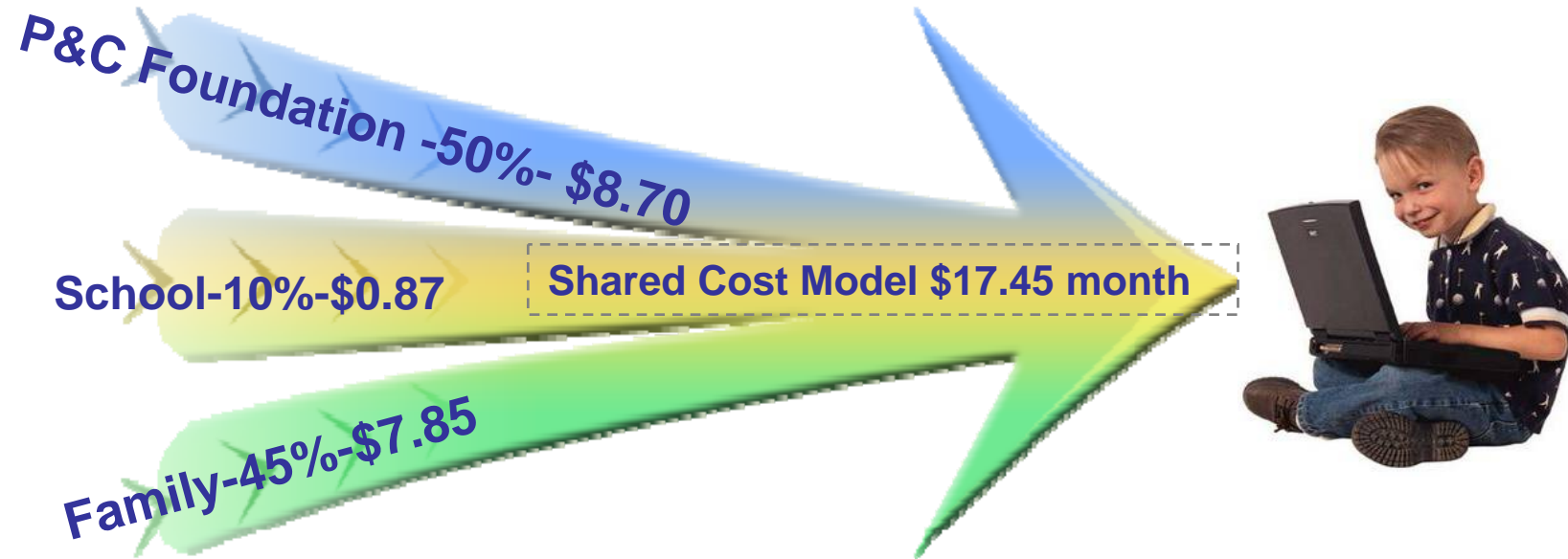


- 3 years insurance
\$70





A unique funding option...



...and this is sustainable, replicable and scalable...every child can benefit.

Example Student Purchase Programs



Italy's "One C@ppuccino a Day"

- NB Cost = one cappuccino a day for ~21 months
- 200 Euro bonus on NB purchase
- Gov covers bank losses and insurance for student 'faults'
- Gov invested five mill Euro for nationwide Wi-Fi in universities
- 100 k new students



Trend to Create, Remix, Publish, Market, Mashup, and Distribute Content

- Managing Local Learning Content



- Education sites



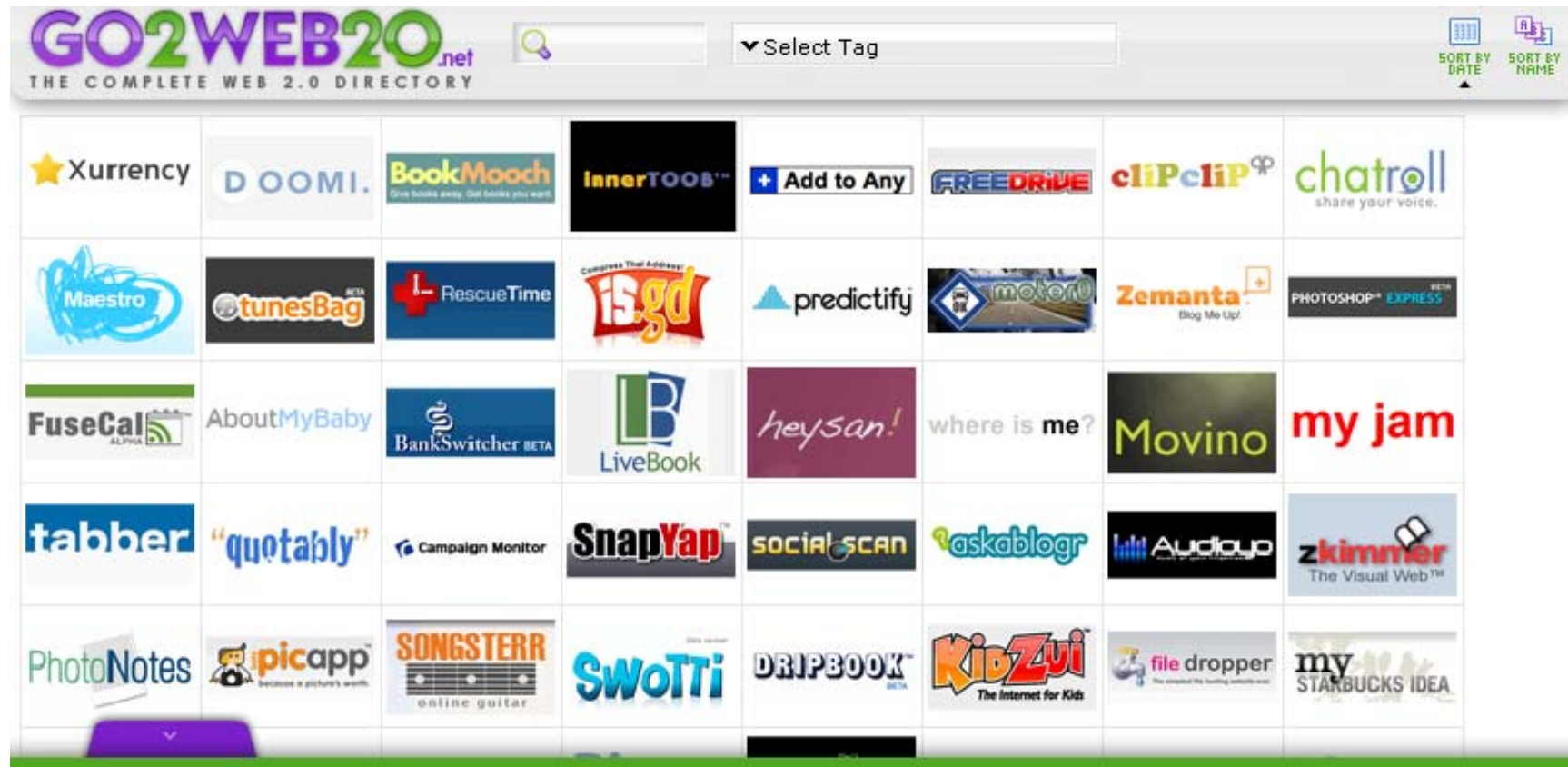
- Video sites: individuals and commercial interests



- News sites



http://www.go2web20.net/



Worth Noting....

- Richard Elmore's book "School Reform from the Inside Out: Policy, Practice and Performance." Harvard Education Press.
- SchoolKit www.schoolkit.com
- Drexel's podcast ...
<http://showme.physics.drexel.edu/bradley/DrexelCoAS034-Villanova.html>
- Will Richardson's book Blogs, Wikis, Podcasts, and Other Powerful Web Tools for Classrooms.
- Bob Johnstone's book "I Have Computers in My Classroom-Now What?" both from Amazon
- David Nettelbeck's book "Computers, Thinking and Learning" from <http://www.ebooks.com>
- John Bransford et al's books "How People learn", "How Students Learn", and "Preparing Teachers for a Changing World: What Teachers Should Learn and Be Able to Do".
- and make sure you sign up as an institutional member of www.aalf.org





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