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<th><strong>Title</strong></th>
<th>Of networks, internet, and e-mail...</th>
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<tr>
<td><strong>Author(s)</strong></td>
<td>Heah, Kheng Lye.</td>
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Paper No. 13
Network computing technologies in education promise...
- More than great content
- More than time on task
- More than tracking and feedback
- ... To leverage the factors that make a difference

Traditional education models alone cannot meet the demands...
- National leaders must provide equitable access to all
- Teachers and professors can no longer be the expert
- Students cannot meet time and place constraints
- We must exploit sophisticated, network computing technologies

of networks, Internet, and e-mail...

Heah Kheng Lye
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Regional Symposium on New Media & Learning Technologies in Asia, 16-18 November 1998, Singapore

Education Trends/Issues
- Education Reform
- Staff Development
- Standards & Accountability
- Distributed Learning
- Primary to University Programs
- School to Work Transition
Benefits of Going Online

• Increased communication between parents, school, teachers and community
• Increased collaboration between administration, teachers and state DOE
• Integration of the Internet as a teaching resource
• Distance learning delivery for student instruction and staff development
• Line of Business applications accessible online

Technology hasn't eliminated business cycles, but it seems to have helped mitigate them.
—WSJ, November 10, 1997

Network computing technologies in education promise:

- Collaborative learning
- Enhanced productivity
- Informed decision-making
- Measurable results
- Professional development
- Anytime, anywhere
- Parental involvement
- Student course work

Evolving Information Technology Model - Past host based
The World that we live in...
Evolution from people to communities
From data to applied knowledge
Where do we go from here?

Today's network based

From data to applied knowledge

Technology has made you really
good at this!

Depth of insight

Understanding

Information

Data

Strategy

From people to communities
Organizations
Extended Organizations
Communities of interest

Organizational Reach

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The Next Big Thing - Knowledge Management

- From data to information to knowledge
- How do you bring new hires up to speed?
- How do you connect the dots among the schools?
- How do you foster idea creation and problem solving?
- How do you take that knowledge and move it among the schools?
- Good people can only be in one place at a time. How do you share their expertise?

"The only sustainable advantage an organization has is what its people know and what they do with what they know." Laurence Prusak, IBM Consulting Group, author of Working Knowledge: How Organizations Manage What They Know

"We've been in IBM from top to bottom with one goal: To foster a high-performance culture and turn IBM into the world's premier knowledge management company."

Louis V. Gerstner, Jr., Chairman

"Lotus is one of the most well positioned and well armed technology companies with respect to the KM market. With an overwhelming installed base that can be readily leveraged with KM, great brand equity, marketing distribution and R&D resources, Lotus is the company IDC expected to define what KM technology is all about."

Gerry Murray, Director of Knowledge Technologies, IDC
“Every now and then, a technology or idea comes along that is so profound, so powerful, so universal that its impact changes everything. . . .

Network computing will transform every institution in the world. It will create winners and losers. It will change the way we do business, the way we teach our children, communicate and interact as individuals.”