The Teaching Collaboratory: Information Fluency Tricks
Internet Librarian 2006

Oct. 23, 2006
Stephen Abram
Vice President, Innovation
SirsiDynix
The Future Ain’t What it Used to Be!

SHIFT HAPPENS
2000 Light Stopped
2001 Light Slowed to Bicycle Speed
2002 Light Sent into Future
2003 Light Transported
2006 Light Goes Backwards

Boyd's team collected data showing light traveling 'backwards,' seemingly faster than light speed.

Image credit: Univ. of Rochester

Cloaks and Transporter
Yes – They are different, period.
**MILLENNIAL CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Values</th>
<th>More Friends</th>
<th>More Diverse</th>
<th>Respect Intelligence</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Principled / Values</strong></td>
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<td><strong>Optimistic / Positive</strong></td>
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<td><strong>Balanced Lives</strong></td>
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<td><strong>Collaborative</strong></td>
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<td><strong>Independent</strong></td>
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<td><strong>Multi-taskers</strong></td>
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<td><strong>Healthy Lifestyle</strong></td>
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<tr>
<td><strong>More Friends</strong></td>
<td>Internet Natives</td>
<td>More Choices</td>
<td>Format Agnostic</td>
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<td><strong>Internet Natives</strong></td>
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<td><strong>More Choices</strong></td>
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<td><strong>Adaptive / Flexible</strong></td>
<td>Civic Minded</td>
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<td>High Expectations</td>
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<td><strong>Civic Minded</strong></td>
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<td><strong>High Expectations</strong></td>
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<td><strong>Gamers</strong></td>
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<td><strong>Direct</strong></td>
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<td><strong>More Liberal</strong></td>
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<td><strong>Entrepreneurial</strong></td>
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<td><strong>Inclusive</strong></td>
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<td><strong>Patriotic</strong></td>
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<td><strong>Achievement Oriented</strong></td>
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<td><strong>Family Oriented</strong></td>
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<td><strong>Graphical</strong></td>
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<tr>
<td><strong>Achievement Oriented</strong></td>
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</tbody>
</table>

Credit: Richard Sweeney, NJIT
Adapting to Technology
EverQuest
OPAC Easter Eggs

Treasure Hunts
Team Gaming

Jeopardy
BrainQuest
Trivial Pursuit
Who wants to be a millionaire?
Deal or No Deal
Weakest Link
WEB 2.0

- RSS – really simple syndication
- **Wikis**
- New Programming Tools: AJAX, API
- Blogs and blogging
- Recommender Functionality
- Personalized Alerts
- Web Services
- Folksonomies, Tagging and Tag Clouds
- Social Networking
- Open access, Open Source, Open Content
- Screencasting

- Commentary and comments
- Personalization and My Profiles
- Podcasting and MP3 files
- Streaming Media – audio and video
- User-driven Reviews
- Rankings & User-driven Ratings
- Instant Messaging and Virtual Reference
- Photos (e.g. Flickr, Picasa)
- Socially Driven Content
- Social Bookmarking
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Sirs Dynix Institute
Grow Your Skills
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Why?! A new rubric

- We have shown them cyber safety skills in using the web.
- We have shown them how to promote their creative efforts.
- We have respected their work and, not inconsequentially, built self-esteem and presentation skills.
- We have promoted team work as well as collaborative searching.
- We have helped them develop research skills including basic information literacy skills in tagging, description, vocabulary, editing, and more.
- We have built advanced vocabulary skills for the technological framework.
- We have increased their technical skills with websites, digital objects, computers, cameras, and more.
- If we’re doing it well, the parents have been engaged in the learning production and display.
- And we let them have fun too. Learning and enjoyment should go together.
Reminder:
200,000-250,000 A DAY!
Reminder: 15 million daily users, and 30 billion page views a month
Internet Safety for Parents
Pimp Your MySpace

Ask Aaron.
Sign In

Username or Email Address

Password

Lost your password?
<table>
<thead>
<tr>
<th>Library Name</th>
<th>MySpace Site</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hennepin County Library</td>
<td><a href="http://www.myspace.com/henepincountylibrary">http://www.myspace.com/henepincountylibrary</a></td>
</tr>
<tr>
<td>Brooklyn College Library</td>
<td><a href="http://www.myspace.com/brooklyncollegelibrary">http://www.myspace.com/brooklyncollegelibrary</a></td>
</tr>
<tr>
<td>Morrisville College Libraries</td>
<td><a href="http://www.myspace.com/morrisvillecollegelibrary">http://www.myspace.com/morrisvillecollegelibrary</a></td>
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<tr>
<td>Albany County PL</td>
<td>[<a href="http://www.myspace.com/acplw">http://www.myspace.com/acplw</a> y](<a href="http://www.myspace.com/acplw">http://www.myspace.com/acplw</a> y)</td>
</tr>
<tr>
<td>UT Austin Library</td>
<td><a href="http://www.myspace.com/utlibraries">http://www.myspace.com/utlibraries</a></td>
</tr>
</tbody>
</table>
My Smarter Space
Harvard, Yale,...
Sydney Abram’s Profile (This is you)

Information

Account Info [ edit ]
Name: Sydney Abram
Network: Humberside Collegiate Institute ‘06
Last Update: May 13, 2006

Basic Info [ edit ]
Sex: Female
Interested In: Men
Birthday: June 29, 1988

Contact Info [ edit ]
Email: syd.abram@gmail.com

Personal Info [ edit ]
Political Views: Other
Activities: U of T Gymnastics
Interests: interested in mostly glorious things...
Favorite Music: the good kind
Favorite TV Shows: the funny ones..freaks and geeks, the office, family guy, arrested development, scrubs.. etc
Favorite Movies: June Bug..just to be different
Favorite Books: of course the embarrassing ones..The Alchemist, Of Mice and Men, ghostWorld, Sin City (any volume), Same Difference, Summer Blonde
Favorite Quotes: “that’s..my life story”
(insert..bonigo solo)

Photos
You have 5 albums.

Sydney Abram

Humberside Collegiate Institute

Sydney Abram

Humberside Collegiate Institute ‘06

My Profile
My Friends
My Photos
My Groups
My Events
My Messages
My Account
My Privacy

View More Photos of Me (22)
Edit My Profile
Edit My Picture
Edit My Privacy

41 friends at Humberside Collegiate Institute

Stephanie Craig
Jessica Tonsin
Hall Hamilton

Study where you want.
95% of students in clients like U of Toronto, NCSU, Stanford, etc.

80% of all college and University students in North America.

A sustainable social network for life.
Teen SL Library services meeting
Second Life Library Reading Room
**Inside**

Linden Lab is temporarily postponing the release of 1.9.1. They will continue to release updated versions of 1.9.1 on the preview grid for testing. They will still be bringing the grid down for some hardware and server side code upgrades. These changes will occur between tomorrow from 6am to noon SLT.

**FYI**

- Sim of the Week - Page 9

**Index**

- Perspectives ........ Page 4
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- Comics ............... Page 6
- Entertainment ....... Page 7
- Photo Contest ....... Page 8
- Fashion .............. Pages 11-12
- Art .................. Page 15
- Sports ............... Page 16

**Web Poll**

Go to our website at [www.metaversemessenger.com](http://www.metaversemessenger.com) to participate in our online poll.

This week’s question: “Should Linden Lab sell Linden dollars?”

Look for the results from last week’s poll on Page 4.

**About Us**

- Volume 1, No.39
- Second Life
- The Metaverse Messenger
- Sido (169, 195)

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**M²**

Happy Mother’s Day

The Metaverse Messenger

A REAL NEWSPAPER FOR A VIRTUAL WORLD

Tuesday, May 9, 2006  A Second Life Publication  Free
Reading is virtually fundamental in SL

By KATT KONGO
Staff writer

While most Second Life residents
are aware of the variety of ways in
which SL is used, from educational
classrooms to treatment of mental
illnesses, most would be surprised to
learn that SL is now being used by an
institution most think of as conven-
tional — a library.

To be more exact, the Alliance
Library System (ALS) is currently
providing select services to the resi-
dents of SL. Initial services have, so
far, consisted of book discussions
and programs, such as one held
Friday on the topic of “Getting
Along with IT stuff for Librarians
and Educators.”

ALS, which is based in East
Peoria, Ill., will team up with Online
Programming for All Libraries
(OPAL) and utilizes the programs,
currently offered online to librarians
and libraries, within SL. The two
entities eventually hope to offer a
platform of library services.

In a telephone interview, Kitty
Pope, executive director for the ALS,
said the goal of their programs with-
in SL is to reach people who might
not otherwise go to a library. In giv-
ing background information about
the ALS, Pope said the organization
provides services to 285 libraries and
is partially funded by the state of
Illinois.

She added that ALS is one of the
most innovative organizations, tech-
nologically speaking, and their phi-
losophy is to mine new technologies
to spread the gospel of library usage.
“Innovation equals risk, innovation
equals growth,” she stated.

Les Ball, the ALS’s director of
innovation, read about SL in the blog
of a librarian who was already a resi-
dent. She created an account, logged
on with her avatar, Lovelie Hamot, and
saw a population of almost 200,000.

She found that SL had a few
libraries, such as Wandering Yaffle’s
Black Library, but thought that
library services could be expanded.
“Since there is web programming
through OPAL, why not offer that in
SL?” she said.

Librarians from all over the coun-
try are gathering in SL to assist in
setting up the virtual library. In fact,
Pope expected criticism from many
library blogs, but instead has found
those in the field to be immensely
excited about the possibilities afford-
ed by SL.

Ball concluded, saying, “The
response has been enthusiastic.
People are volunteering and doing a

See BOOK, Page 20
Intelligence and Learning Styles

- Visual/Spatial (Picture Smart)
- Verbal/Linguistic (Word Smart)
- Musical/Rhythmic (Music Smart)
- Logical/Mathematical (Number Smart)
- Bodily/Kinesthetic (Body Smart)
- Interpersonal (People Smart)
- Intrapersonal (Self Smart)
  - Piaget, Bloom, Gardner, etc.
Information Literacy

• Standard Curriculum Components
  – Mathematics / Arithmetic
  – Science, Biology, Physics & Chemistry
  – English, Languages
  – History, Geography, Politics, Sociology
  – Music, Art, Phys ed.
  – Guidance, Religion
Information Fluency

- Information literacy is integrally tied to every aspect of the curriculum:
  - Mathematical logical thinking skills - Math and Arithmetic
  - Scientific method - Sciences
  - Criticism, interpretation and comprehension - English and languages
  - Analytical thinking - History, Geography
  - Interpretive and imaginative - music, art & phys ed.
  - Inter and Intrapersonal skills - Religion, Guidance, etc.
Taking The Knowledge Positioning

Data ➞ Information ➞ Knowledge ➞ Behaviour

- Apply Standards
- Store & Move
- Display
- Chart
- Graph
- Publish
- Picture
- Format
- Knowing
- Learning
- Filtering
- Evaluating
- Gerunds
- Do
- Decide
- Choose
- Apply
- Enact
- Action Verbs
Usability

The A frame adopted from newspaper layout is not what works.
**Heat Maps** are created by tracking user eye movements and summing the records for user groups. Here, the eye movements of elementary school students were tracked and recorded resulting in a Heat Map that clearly shows the students focus on the navigation options in the top left, the main feature panel in the center of the page, and the search box in the center top. This actual webpage can be seen by clicking here.

**Heat Maps** help SirsiDynix understand how to layout pages.
Information Engagement Levels

- Stimulate/ Live
- Present/ Teach
- Argue/ Defend
- Act on/ Discuss
- Read/ View
- Content
- Source
- Situation

Dr. Thomas Davenport
Let’s Take a Look…

Welcome to SchoolRooms, an educational resource for K-12 students, educators and parents that combines teacher-selected, standards-based content with student-friendly software. Through the integration of multi-media and interactive content, SchoolRooms help promote student exploration and discovery on a variety of topics.

- Elementary Student Rooms
- Middle School Student Rooms
- High School Student Rooms

Room Contributors

Elementary
- Tim DeFrang
- Laurie Smits

Middle School
- Jennifer Schwab
- Shelly Lewis
Check It Out

My America
Poetry is fun and even better when you can learn more about the United States and its regions by reading the poetry in this book! Included are fun facts, colored maps and pictures while you travel through each state.

- What’s a Poem?
- Poetry Ideas!
- Giggle Poetry

The US and its Neighbors
The US and its Neighbors

Map of North America

This map shows the countries that make up the continent of North America. (Image and text taken from The Hutchinson Children’s Encyclopedia © Research Machines, plc 2005).

Content taken from © Research Machines plc [2005].

Learn More About...

Watch, Listen, or Discover new and exciting things about people, places and events you want to know more about with the guides below!

Earth Sciences
Discover the world around you with our Earth Sciences Room. Here you’ll find information on the seasons, rocks, seas, weather and the solar...
Check It Out:

Earth Rocks!

Earth provides a natural playground that really rocks! Rock climbing is a popular hobby that takes advantage of this natural resource. Discover the exhilaration of scaling a mountainside or cliff while enjoying what this earth has to offer.

- Rock Climbing Safety
- Natural Climbing Sites
- ABC's of Rock Climbing

Weather Works

Weather Balloon
EARTH SCIENCE

Check It Out

Hubble Space Telescope
The Hubble Space telescope orbits (circles) the Earth at a height of about 600 kilometers (375 miles). Since it was launched in 1990, astronomers have used it to collect information that helps them work out the age of the universe and how fast it is expanding. (Text taken from the Hutchinson Children's Encyclopedia © Research Machines, plc 2005.)
- Hubble Telescope
- Expanding Universe
- Edwin Hubble

The Amazing Sun - Our Star
How Do I...
- Deal with My Teen Dating?
- Know if My Child Has ADD?
- Help My Teen Stay Healthy?
- Help My Child with Anxiety?
- Learn about Extracurriculars?
- Talk to My Child's Teacher?
- Prepare My Teen for College?
- Learn Computer Skills?
- Find Science Fair Ideas?
- Teach Testing Strategies?

Try This!

Check It Out

Homework Helper
Visit this site for tips on helping your kids with homework while maintaining your sanity.
- Math Help
- Science Help
- English Help

Learn More About...

Choosing A College
There is much to consider when trying to choose a college. How do you know which classes and tests your child should take or how much is it going to cost?

Related Topics
- Related Topics
- Public Schools
- Homeschooling
- Private Schools
- Parochial Schools
- Related Subjects

Back to Basics
- Elementary Math Terms
- Middle School Terms
- High School Terms

Advanced Catalog Search >>
Everything
Search

HOME -> Parent Guide
Browse History
Library Catalog

**Frontline [web site]: hunting Bin Laden**
Public Broadcasting Service (U.S.)
(2001)
1 copy available at Available

**Osama bin Ladin and al-Qaeda [web site]**
International Policy Institute for Counter-Terrorism (2001)
1 copy available at Available

**Osama bin Laden: a war against the West**
Landeau, Elaine. (2002)
2 copies available at Available

**Ghost wars: the secret history of the CIA, Afghanistan, and bin Laden, from the Soviet invasion to September 10, 2001**
1 copy available at Available

**Bin Laden: the man who declared war on America**
Bodansky, Yossef. (2002)
1 copy available at Available

Curriculum Resource Catalog

- Osama bin Ladin

- Osama bin Ladin

- The evolution of modern terrorism
  - 2002.

- In search of Bin Laden

- Osama Bin Laden

See (7) more >>>
Cuyahoga County

- Osama bin Laden

- In search of bin Laden

- How did this happen?

- Holy war, Inc.

- Usama bin Laden's al-Qaeda
Explore a Room

Home
- Audiences
- Careers & Employment
- Entertainment Room
- Family Health & Fitness
- Food & Drink
- Genealogy & Family History
- Home Improvement
- Parenting
- Personal Finance & Investing
- Reading Room
- Reference
- Travel & Tourism

How Do I...
- Study for the LSAT?
- Find a Mentor?
- Study Abroad?
- Choose a Style Guide?
- Create My Own Website?
- Find Graduate School Rankings?
- Research Literature?
- Improve My Grammar?
- Find Online Calculators?
- Prepare for an Interview?

Campus Libraries
- Special Collections
- Business Library

Ask a Librarian

Reference Help
The librarians of SU Library are here to help you! Not only do we have reference librarians available for your assistance during library hours, but you can also contact a librarian via email or virtual chat. ...More

- Chat with a Librarian
- Virtual Reference Shelf

Staff Picks
Oxford History of English Literature
The Short Oxford History of English Literature, 2e provides a comprehensive beginner's guide to the literature of the British Isles from the Anglo-Saxon period to the present day in one volume. ...More

Library Highlights
Select a Location
Main Campus Library

Phone: 555-555-5555
Fax: 555-555-9999
Email: contact@lib.edu

Mondays - Thursdays: 12AM to 11PM
Fridays: 12AM to 6PM
Saturdays: 12AM to 5PM
Sundays (Sept. to May): 1PM to 5PM

Directions
The library is located on O'Fallon Road between That Road and Lois Lane.
Map and Directions

Featured Services
Reference Services

My Library Account
- Renew My Materials
- My Items on Hold
- View My Finances
- Review My Library Account

Research Help
Subject Guides
Back to School? Discover SchoolRooms

It is that time again - BACK TO SCHOOL and that means back to homework, back to learning, and with the new SchoolRooms website BACK TO FUN! Learning about the moon, dinosaurs, Abraham Lincoln, or the Civil War? No problem - we've got you covered! Better yet - put in a search term and search books, magazine articles, websites and more with just one click!

- I am in Elementary
- I am in Middle School
- I am in High School
I will use Google before asking dumb questions. I will use Google before asking dumb questions. I will use Google before asking dumb questions. I will use Google before asking dumb questions. I will use Google before asking dumb questions. I will use Google before asking dumb questions. I will use Google before asking dumb questions. I will use Google before asking dumb questions. I will use Google before asking dumb questions.
Get your texthead to nexthead

• MP3’s
• Streaming Media
• Voice search
Podcasting
Bidirectional wireless module

Hydro Broadband
A projector the size of a sugar cube
Everything’s getting smaller
Is this going to be another "According To Google" answer?

© Philipp Lenssen
blog.outer-court.com
Stephen Abram, MLS
VP Innovation, SirsiDynix
Cel: 416-669-4855
stephen.abram@sirsidynix.com
http://www.sirsidynix.com
Stephen’s Lighthouse Blog
http://stephenslighthouse.sirsidynix.com