Digital learners and their information behaviors

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Questions to tackle...

• What is the nature of information in the digital environment?

• How do the digital learners learn?

• What do these imply for school librarians?
Visible and invisible

Digitized and born digital

Soft and hard info

Multimedia and multiformats
Visible and invisible info

Surface visible web
( ~20 %)

Deep invisible web
( ~80 %)

- Specialized databases with dedicated search engines
- Non-conventional formats
- Paid information
- Dynamic webpages
- Restricted access information

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Digitized and born digital
Soft and Hard Info
Multimedia and multiformats
Knowledge building in the digital age

• Shrinking half-life of knowledge
• Creation is the highest cognitive skill
• Knowledge is for sharing
Half-life of Knowledge

- Knowledge is exploding and expanding.
- The time span from when knowledge is gained to the time when it becomes obsolete is shortening.
It's the Conceptual Age!

Bloom's Taxonomy Revised (1998)
Knowledge resides in connections.
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The ability to learn is more important than knowing content.
Digital learner

Millenial

NetGen

Digital native
Reading behaviors of the digital learners

- Multimedia processing
- F-pattern reading
- Hyperreading
Multimedia processing

Digital learners consume media contents first before text.
Digital learners scan computer screen display using the F-pattern.
Hyperreading

Digital learners jump from one website to another through hyperlinks. Direction of understanding is determined by the readers themselves.
Information habits of the digital learners

- Googling
- Data mining
- PLN
- Social networking
Learning Preferences of the digital learners

- Mobile
- Multi-tasking
- Collaborative
- Creative
Preferred Librarians of the digital learners

Digital Learners
- Mobile
- Multi-tasking
- Collaborative
- Creative

Their Librarians
- Techno-savvy
- Integrative
- Team player
- Visually literate
Implication to school libraries

• Adapt to the changes and TRANSFORM
Information is not anymore a monopoly of books.

• Meet the users where they are.

• Provide 24/7 web assistance, e-pathfinder, virtual library, online services, etc.
Information is collaborated, not just quietly consumed.

- Distribute library spaces to accommodate quiet study and group discussion.

- In some school libraries, group discussion spaces are integral, not separate rooms.
School library must cater to all learning styles.

Integrating the library and AV services enhances the delivery of information to various learning styles.
School librarian must be a specialist in reading, information, technology, research and internet.

Information services:
Print, AV, Digital

Instructional technology

Continuing education and delivering services in...

Internet Guidance

InfoLit skills development
The school library serves as the classroom of librarians.

- Collaborate with teachers for developing & teaching curriculum content.
- Master the teaching of information literacy
How can we ultimately reach out to our digital learners?...

Twit about your resources
Educate self
Challenge old ways
Search and screen eResources
Accept feedbacks
Value your users
Visualize your library's future
Youtube it!