

# The Missing Piece: Solving the Puzzle of Missing Information Literacy Skills for Incoming Higher Education Students

## **New Jersey Academic Libraries Conference**

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# Presenters

## Darby

- BA, MLIS, Certified NJ SLMS
- Former 6th-12th Grade School Librarian
- Programming & Outreach Manager, LibraryLinkNJ
- New Jersey Association of School Librarians
- New Jersey Library Association

## Ewa

- MA & MLIS, Rutgers
- Editor of “[We Can Teach That: Information Literacy for School Librarians](#)”
- 2023-2024 NJSLS, Information Literacy
- 2021 NJEXCEL graduate
- 2019-2020: NJSLS, Information and Media Literacy
- 2019: NJSLS Review working group members, ELA Instructional Unit Standards

## Sharon

- Member of the 2024 College and Career Information Literacy Standards Construction Committee
- Youth Services Specialist, NJ State Library
- 2019 NJLA Librarian of the Year
- MLS, Rutgers University
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# The Puzzle

- What's missing from your incoming students' skill set?
- How does it affect them?
- How does it affect the way your library approaches incoming students?

# The Missing Piece

New Jersey Student Learning  
Standards(NJSLS)?

# The Missing Piece

## NJSLS: Information Literacy

- January 2023: NJ became the first state in the nation to pass [a bill requiring Information Literacy](#) to be taught in K-12 schools.

# The Missing Piece

**As defined in the Information Literacy Bill and by NJ DOE:**

*“Information literacy is a set of skills that enables a student to recognize when information is needed and to locate, evaluate, and effectively use information. These skills equip students with the capacities necessary to process information presented in various formats, such as digital, visual, media, textual, and technological.”*



# The Missing Piece

- When and how will this Standard take effect?



# The Missing Piece

- How and why should academic librarians take an interest in this K-12 Standard?





# The Missing Piece

- How will this Standard impact incoming students and the way we approach teaching them?

### Information Management

- Logging in
- Filtering results
- Accessing full text
- Managing/Organizing references

- Citing sources
- Formatting a paper
- Reading a database record

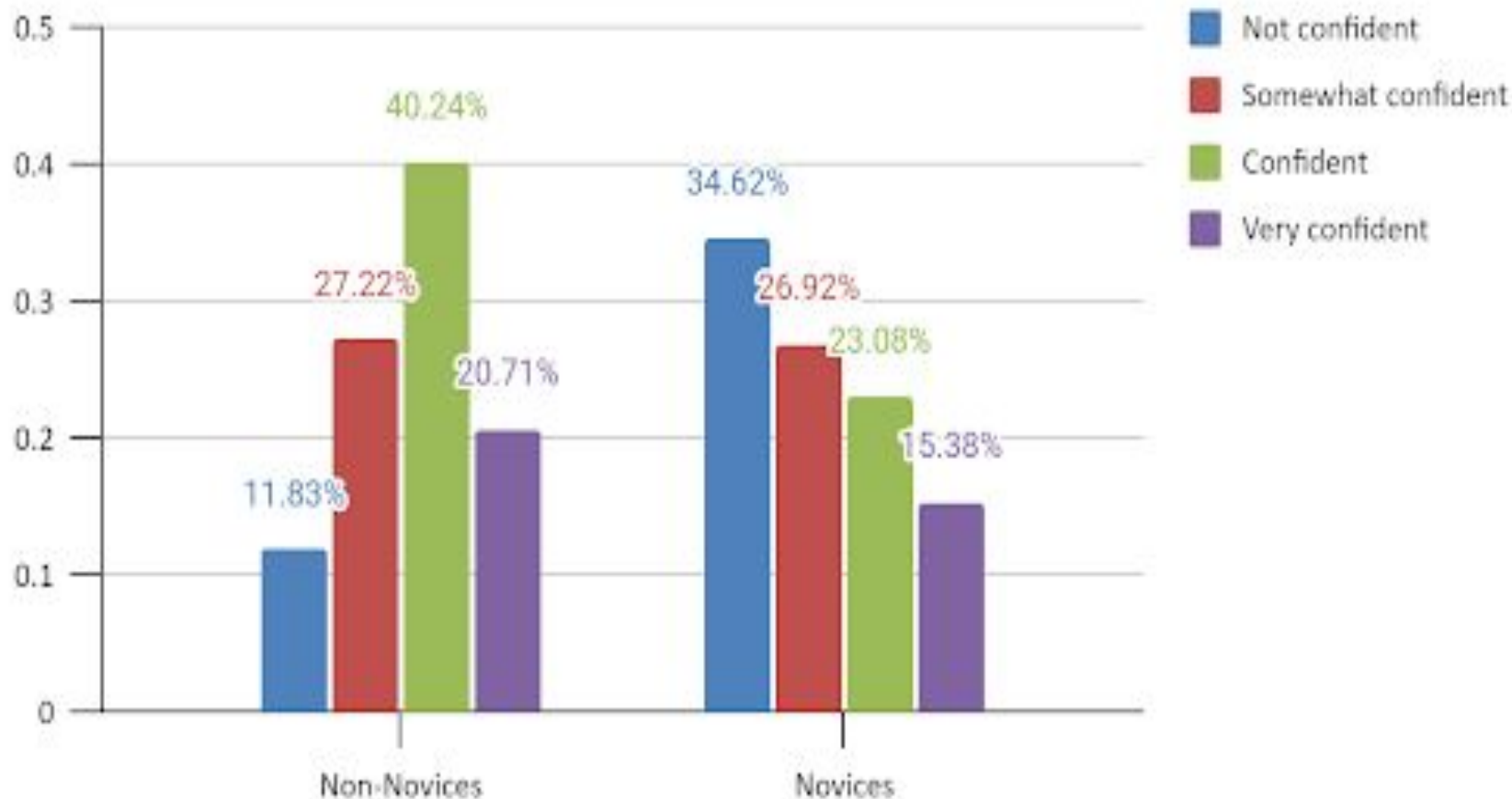
### Critical Thinking

- Brainstorming keywords
  - Identifying best sources
    - Reading/Comprehending materials
    - Forming a thesis / research question
    - Integrating / Summarizing ideas
  - Adding original ideas
- Recognizing patterns in results
- Evaluating sources / Reconciling views
- Scepticism/Questioning
- Using academic journals for research
- Forming an effective, efficient search
  - Selecting a database relevant to my search
    - Trustworthiness of the sources; recognizing bias
  - Multiple perspectives
- Problem solving
- Developing search strategy
- Considering alternate paths

### Metacognition

- Principles of objectivism
- Evaluating search results
- Understanding the ethical side of plagiarism
- Understanding expectations of the assignment
- Asking for help from librarians, faculty, other students
- Self-assessing research processes & outcomes
- Understanding the balance between the constraints and freedom of academic research
- Understanding the depth, length and spectrum of academic research
- Assessing search effectiveness
- Transferring learning to new situations

## Reading a database record & understanding its components (subject headings, fields, DOI, etc.)



Graph originally presented in a joint AASL/NJASL presentation on preliminary findings of the “First Years Meet the Frames” study.

# IMLS awards New Jersey State Library (NJSL) *Teaching Information Literacy Grant*

- three-year grant
- models and tools to support teaching IL skills
- to serve the information and education needs of the public, including school, public and academic librarians as well as K-12 students.
- representatives from the NJDOE, LibraryLinkNJ, school and public librarians, and a national advisory board of subject experts to implement this grant

This opportunity is made possible in part with funds provided by the **Institute of Museum and Library Services**, administered by the **New Jersey State Library**, award number **255048**. **WWW.IMLS.GOV**

# Teaching Information Literacy Grant

The grant will:

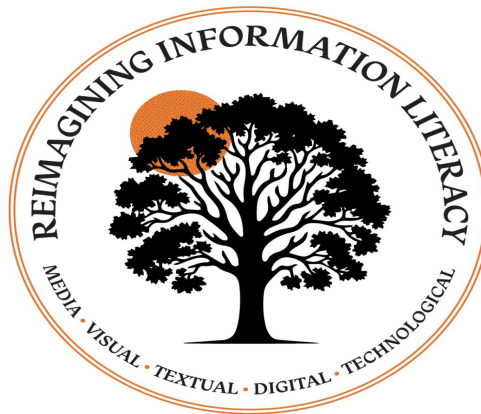
- Support the development of standards (led by NJ Department of Education).
- Develop model information literacy scope, sequence and curriculum for K-12 grade bands
- Create online platform
- Provide PD for library media specialists, public librarians, academic librarians and teachers in information literacy

# Teaching Information Literacy Continued

- Pilot the program in five selected NJ school districts
- Create a baseline pre and post-implementation assessment
- Pilot assessments at one school in each district
- National Forum “Reimagining Information Literacy”

# Teaching Information Literacy Continued

- Project info on LLNJ website:
- [Teaching Information Literacy](#)



# The Missing Piece: Resources

- JerseyClicks

- access for *all* New Jersey schools and libraries, provided to you by the New Jersey State Library

- Contact

[JerseyClicks@njstatelib.org](mailto:JerseyClicks@njstatelib.org)



# The Missing Piece: Resources

- **Local Public Libraries**
  - [Public, School, & Academic Library Comparison Chart](#)
  - [“How Your Public Library Can Support Information Literacy Acquisition”](#) - LLNJ & NJSL

# The Missing Piece: Resources

- **NJ DOE Resources**
  - Standards Transparency and Mastery Platform (STAMP)

# The Missing Piece: Resources

- **Research and Data**
- **Dr. Joyce Valenza and team**
  - [First Years Meet the Frames](#)
  - [We Can Teach That: Information Literacy for School Librarians](#)

• **Any questions?**

# Contact Information

## **Ewa Dziezic-Elliott**

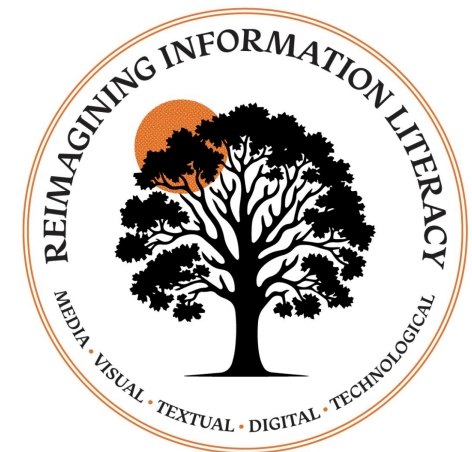
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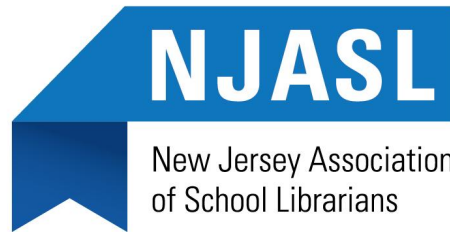
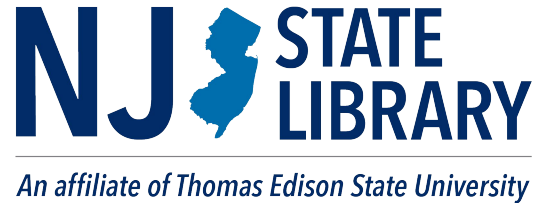
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# References

Boyer, & Dziedzic-Elliott, E. (2023). What I had, what I needed: First-year students reflect on how their high school experience prepared them for college research. *The Journal of Academic Librarianship*, 49(4), 102742-.

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Joyce Kasman Valenza, Heather Dalal, Gihan Mohamad, Brenda Boyer, Cara Berg, Leslin H. Charles, Rebecca Bushby, Megan Dempsey, Joan Dalrymple, Ewa Dziedzic-Elliott, “[First years' information literacy backpacks: What's already packed or not packed?](#)”, *The Journal of Academic Librarianship*, Volume 48, Issue 4, 2022, 102566, ISSN 0099-1333, <https://doi.org/10.1016/j.acalib.2022.102566>. (https://www.sciencedirect.com/science/article/pii/S0099133322000829)

[New Jersey Association of School Librarians](#)