

## “Old wine in new bottles: delivering information literacy skills in the digital age”

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## Digital Era

Unprecedented proliferation of information catalyzed by digital technologies

Reshaping the way information is created, disseminated, and consumed

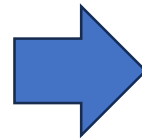


Seismic changes in pedagogical strategies that follow learner- centered teaching methods) : e.g.

- Inquiry guided learning
- Collaborative learning
- Self-paced learning (Gholan, 2019; Ton de Jong et al, 2023)


## Learner-Centered Methods

This approach has its foundation in the following John Dewey quote: “ “***we do not learn from experience, but we learn from reflecting on experience:***”  
John Dewey (American Philosopher: 1859-1952)



Vygotsky believed that learning is an interplay of

- thought
- action
- social interaction



Vygotsky (1896-1934)

Piaget (1896-1980)

# Inquiry guided learning

Student-centered pedagogy that encourages the learner to explore concepts, ideas, and phenomena before a formal explanation is provided by the teacher or students (Marshall et al., 2017).

## Pedagogical merits

- Acquisition of new knowledge , abilities and attitudes through independent investigation of questions, problems and issues (Fan & Ye, 2022)
- Students become active participants in learning process (Sam, 2024; Gholam,2019)
- Promotion of questioning skills, critical thinking skills and problem-solving skills (Sarioglan & Gedik, 2020; Yun Wen et al, 2023)

## Collaborative learning

“active engagement and interaction among group members to achieve a common goal (Nokes-Malach & Gadgil, 2015:646)

### Pedagogical merits

- Acquisition of new knowledge , abilities and attitudes through independent investigation of questions, problems and issues (Fan & Ye, 2022, )
- Students become active participants in learning process (Sam, 2024; Gholam,2019)
- Boosts student motivation
- Exalts critical thinking and social skills active engagement

## Self-paced learning

Student-centered learning approach providing tools to learn at their own pace and enables them to make choices about the sequence and focus of their learning (Ali, 2024: 4)

### Pedagogical merits

- promotes motivation
- flexibility (Aslam et al, 2021)
- mastery and autonomy (Robinson & Persky: 2020:293)
- students self-discipline (Hung et al, 2024: 2)

## Multiple delivery methods (Information Literacy)

Asynchronous web-based tutorials (Fernandez-Ramos, 2019; Al Rawashdeh et al. 2021)

### Advantages

- promotes metacognitive activities, improves task understanding, promotes reflection (Palaigeorgiou & Papadopoulou, 2019)
- develops problem-solving skills ( Zhou and Lam, 2019)

## Multiple delivery methods (Information Literacy) cont....

- Online quizzes to test user knowledge
- Hands on activities for practice
- Interactive games and quizzes
- Gaming elements for immediate feedback (Fernandez-Ramos, 2019; Al Rawashdeh et al. 2021)

## Multiple delivery methods (Information Literacy)cont..

### Podcasts

- vodcasts, which combine audio and video
- audio-only files
- enhanced audio files with visual components like PowerPoint presentations. ( Errabo, Rosa and Gonzales, 2024:370)

## Methodology

- Desktop Research
- Content Analysis
- Thematic Analysis

## Findings and Discussion

### User Experience (UX)

- Some of the libraries have outdated webpages and broken links
- limited Information causing confusion – access multi links to find information
- User friendly navigation tools (such as quick links to resources)

### Integration with Academic Curriculum

- Most Libraries offer Information Literacy Programs (Tutorials, Trainings, Courses, Modules & Bibliographic Instructions).
- Library Staff and Faculty collaboration with limited evidence.
- Course Material and Reference Collection (Plagiarism guidelines etc)
- Only a few possess updated Information Literacy guidelines and policies

# Findings and Discussion

## Outreach and Engagement Opportunities

- About half of the libraries offer Information Literacy Project, Workshops and Events, with many poorly marketed/advertised workshops and Events on library webpage
- A minority of libraries offer interactive features in real time (such as live chats)
- User Survey – no feedback option
- Social Media and Multimedia Integration – present and no consistency some less than 20 posts
- Overreliance on social media
- Only a indication of information literacy standards

## Discussion-Key Interpretations

### Engagement Increase:

Access to Librarians, LiveChats, Real-time engagement is lacking, gamification and quizzes need to be adopted

- **Collaboration:**

Data shows a positive correlation between academic and Library staff collaboration and academic success. Through Collaboration there is a commitment to shared resources, power, and talent (Montiel-Overall, 2005)

Additional support through students

- **Support Existing Literature:** Findings align with existing research, strengthening the role of libraries in supporting students information literacy and fostering academic success.

# Thank You..

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