

framing and Reframing

Adapting a learning activity to a new context

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CONTEXT

Carleton University

Science Seminar Course

- Seminar course for natural science students
- Primarily first year, first semester students
- One-shot session by science librarians
- Preparation for take-home activity created and graded by librarians

American University in Cairo

Information Literacy Course

- Required information literacy course
- Primarily first year students
- Fifth week/class in a semester long course
- Introduced scholarly information and journal articles in previous weeks

FRAMING

Information Creation as a Process

The Scientific Method

- Scholarly sources are one step in the cycle
- Close the loop between reporting results and searching the literature

Primary, Secondary, and Tertiary Sources

- Conclusions are corroborated, evaluated, and distilled by the community over time
- Different source types have different types of information

Scholarship as a Conversation

Author Motivations

- To share discoveries
- To increase knowledge around the world
- To build a scholarly research career

Peer Review

- Peers evaluate methodology
- Ensures discoveries are valuable to readers
- Not all parts of a journal are peer reviewed

ACTIVITY

Identifying Sources

- Included items from a journal as well as other sources
- Included a second step in the activity to identify primary, secondary, and tertiary sources

- Students form groups of 3-5
- Each group has a pile of printed sources on a common topic
- Groups sort and identify article types through discussion and discovery
- Results are discussed as a class

- Included only items from a journal
- Included two items identified as opinion pieces - a perspectives article and a letter to the editor

CITATION

Practicing Citation

- Groups identify citation elements for at least two given sources
- Groups assigned at least one journal article

Citation Practices

- Discussed citation practices within scholarship
- Demonstrated that given sources have a common citation to a research article

LEARNING OUTCOMES

- Identify different types of resources
- **Interpret a format type as originating from a specific point in the research process**
- Identify elements of citations for different types of resources

- **Identify different types of articles in a journal**
- Identify peer reviewed articles within a journal
- Interpret citations as connections to other scholarly articles