Citing, Collaborating, Composing: Writing Research Papers Using 21st Century Technology
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Purpose
• Develop the advance use of online technology for citing, collaborating and composing research
• One online citation generator allows for the facilitation of all three aspects
• Redesign of one assignment using the online resource NoodleTools

Student Learning Outcomes
1. Apply principles of the writing process, including drafting, editing, and revising
2. Analyze complex ideas in research-based academic writing
3. Evaluate the role and purpose of difference genres of science literature
4. Apply online technology in all phases of the writing, researching, collaborating process

Assignment & Redesign
• Assignment:
  • Rhetorical analysis science writing
  • Three parts:
    • Annotated Bibliography
    • Draft
    • Paper

• Redesign:
  • Annotated bibliography
  • Incorporating both individual and collaborative components
  • Using technology for citing, collaborating, composing

INDIVIDUAL
Reading Manipulative
Individual students construct a reading manipulative for each source

Student Evaluation

TEAM
Online Collaboration

Assignment Submission
Annotated bibliography is downloaded, as a WORD file in APA documentation style, complete with annotations

Assessment
• Evaluated by rubric
• Based on AACU / VALUE Rubric guidelines
  • Information VALUE Rubric
    • SLO: 1, 4
  • Critical Thinking VALUE Rubric
    • SLO: 2, 3
  • Written Communication VALUE Rubric
    • SLO: 1, 2, 3, 4

Rubric
Rubric is incorporated with BlackBoard

Science Learning Community

Works Consulted
Associates of American Colleges and Universities (AACU). VALUE: Measuring institutional effectiveness

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