



The Learner's Perspective of WebQuests as a Teaching/Learning Strategy in Nursing Education

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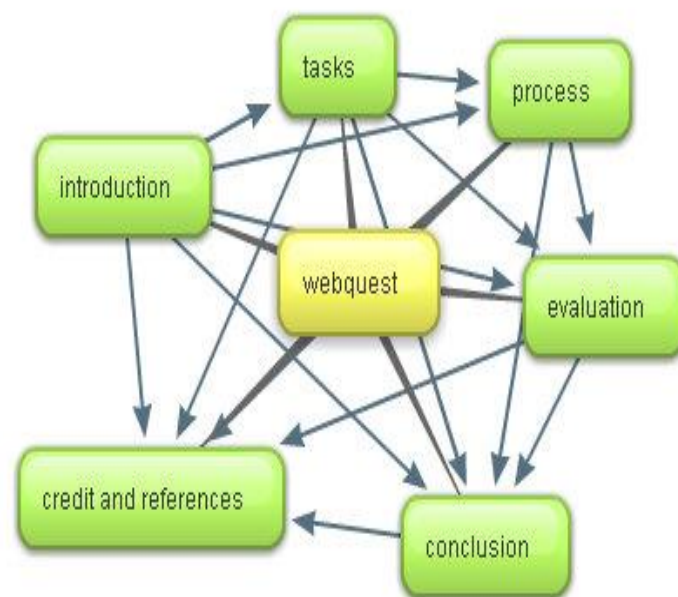
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What is a WebQuest?

- An instructional webpage that uses an online active learning strategy
- Uses links and instructional design
- Constructivism
- Learners search for meaning/ideas
- Building New Knowledge (Dodge, 1995; Lahaie, 2008)
- Used to stimulate higher order thinking

Components of a WebQuest:



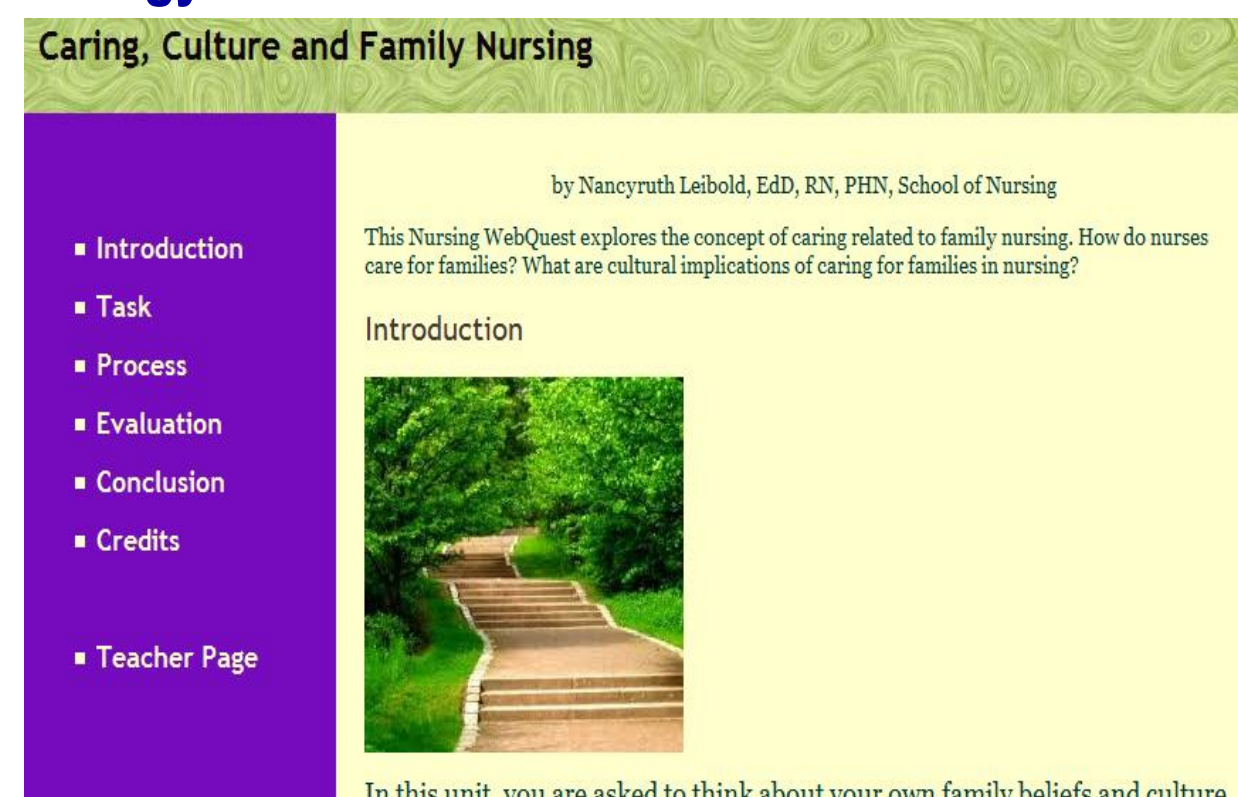
Uses of WebQuests

- staff development
- continuing education
- and/or academic education

Background

Created by Dr. Bernie Dodge (1995) and colleague Tom March

- Used extensively in K-12 education around the world
- Used in Higher Education, but less commonly in Nursing Education
- New to Nursing Education as a teaching/learning strategy



Evidence Review

Gulbahar, Madran and Kalelioglue (2010) reported that the students found the WebQuest favorable to use and was a positive learning experience.

Another study reported the WebQuest as a stimulating activity and the participants would recommend WebQuests to other learners (Hassanien, 2006).

Nursing students reported WebQuests as a helpful learning strategy for developing skills in using library databases (Burchum et al., 2007).

A Gap in the Nursing Education Research exists.

Research Questions

Research Questions

- What are the strengths of using a WebQuest for learning from the learner point of view?
- What are instructional successes and areas for improvement with using the WebQuest from the learner point of view?
- What are factors related to including the family nursing content in WebQuests from the learner point of view?

Constructs

The Active Learning Paradigm

The Facilitation Paradigm

The Family Nursing Paradigm

Research Methods and Measures

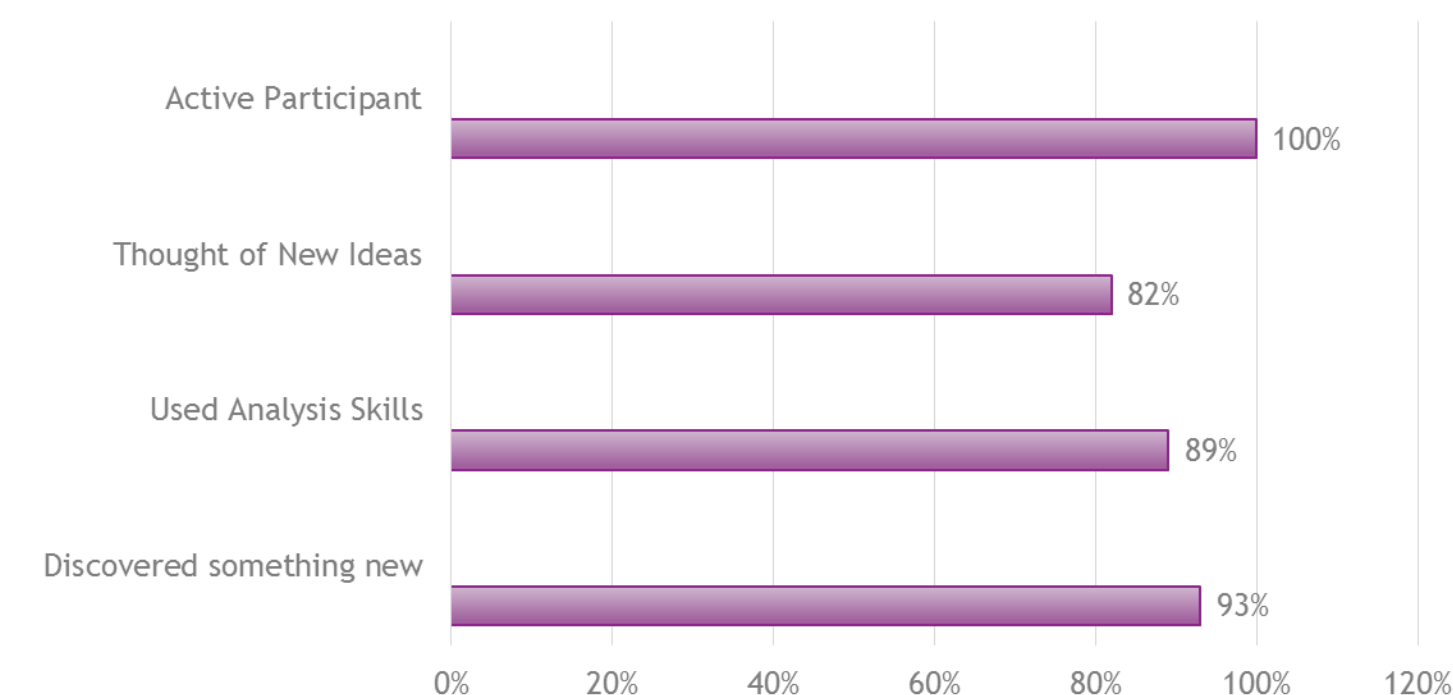
- Mixed methods
- Convenience sample of 28 nursing students
- Survey: WebQuest Survey for Learners
- Reliability .93 (Active Learning), .96 (Facilitation), .95 (Family Nursing)
- Quantitative statements with a 5 point Likert type scale (5 = strongly agree, 1 = strongly disagree) & Qualitative Questions
- IRB Approval was obtained

Results

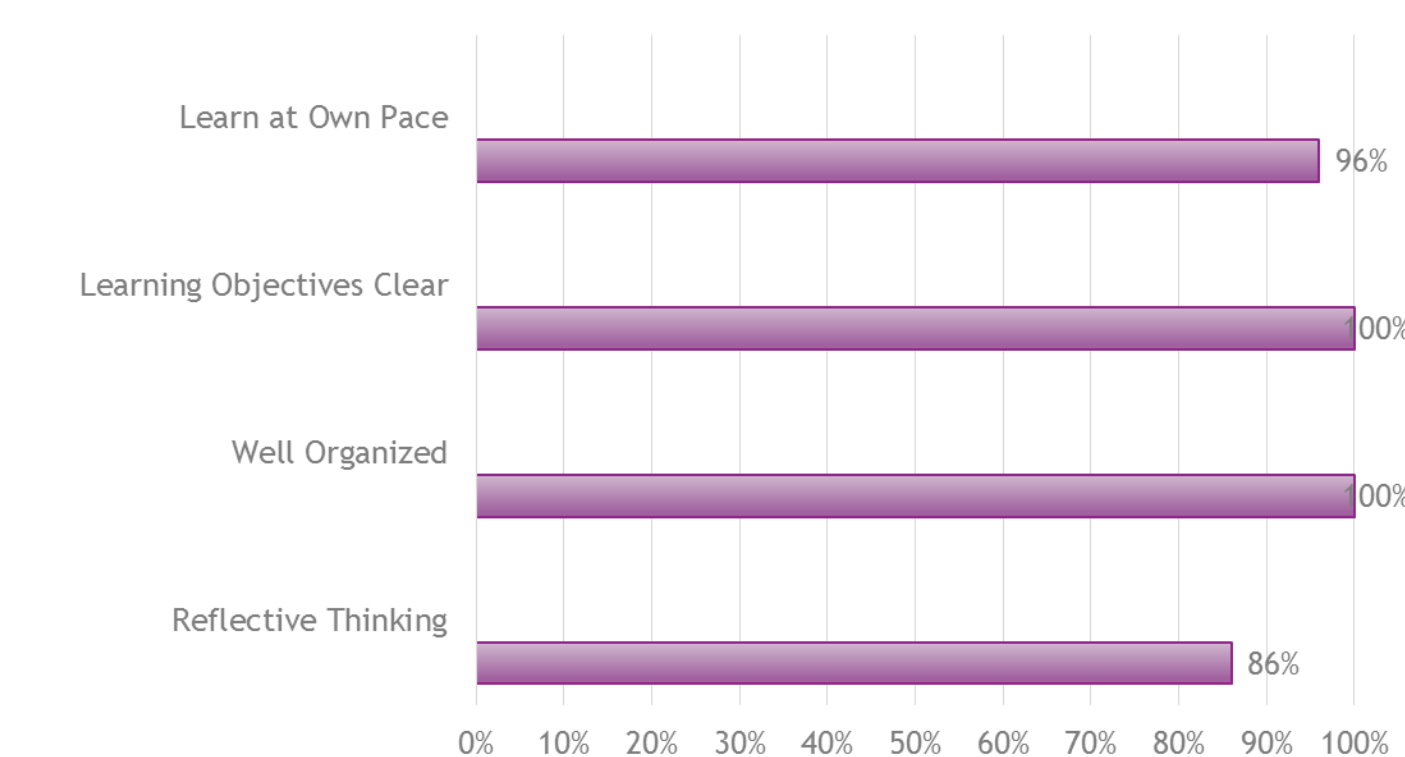
Demographics

- N =28 undergraduate nursing students
- Female 26 (93%)
- Male 2 (7%)
- Average age 27 years
- Range of ages: 19-48
- Previous WebQuest Use: 21%
- First Time WebQuester: 79%

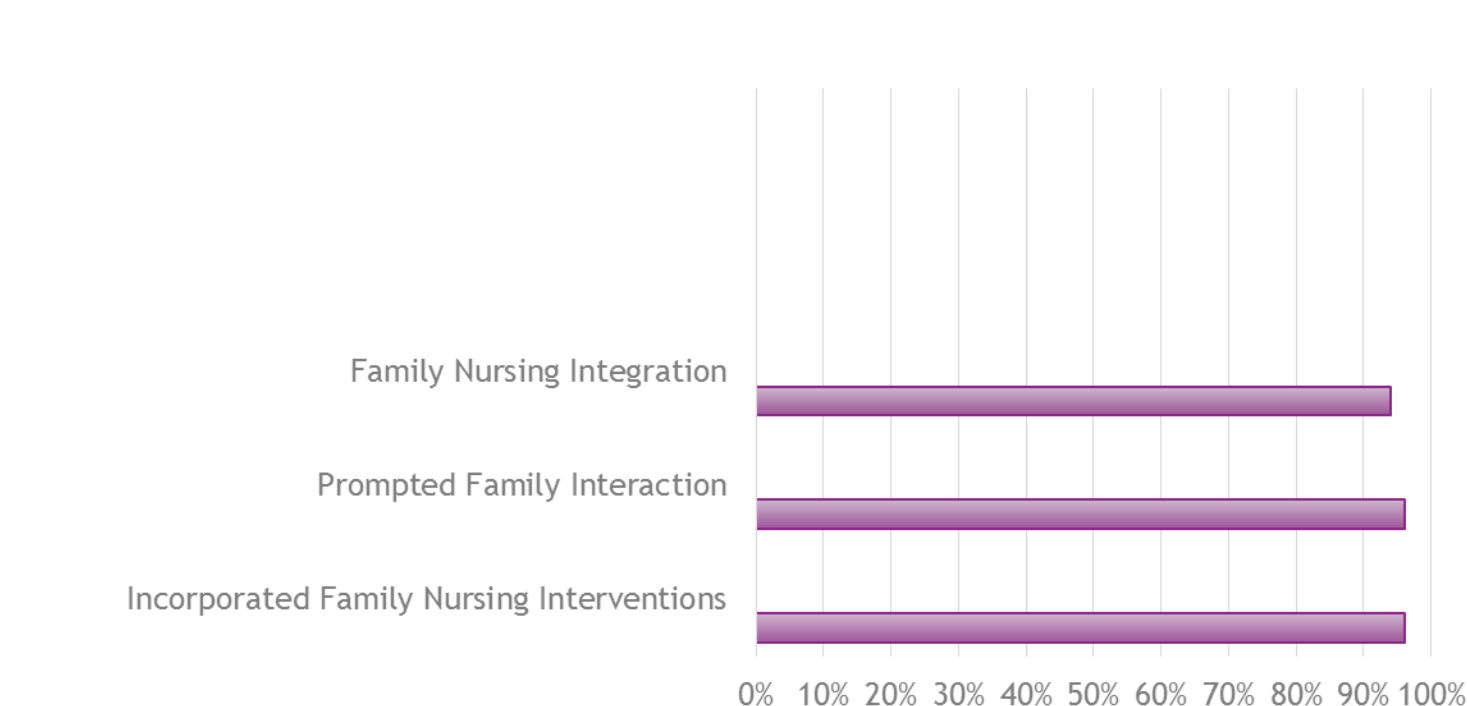
Active Learning Paradigm



Facilitation Paradigm



Family Nursing Paradigm



Qualitative Data

- “Easy to follow, info was provided in different forms, able to take as much time as needed to get through the material”
- “They offered a lot of information and resources.”
- “The Webquest helped me to organize and sort my thoughts on my plan to work with my family.”
- “Make them shorter”

Conclusion

- WebQuests were received favorably by undergraduate nursing students when used for Family Nursing Content
- Areas for improvement identified
- Further study recommended

References

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