

Utilization of a Virtual Escape Room: Summative Assessment in Undergraduate Nursing Research Courses

Elizabeth A. Davis, DNP, CNL
Associate Professor
Grand Valley State University
Henry Peña
BSN RN, DNP Student

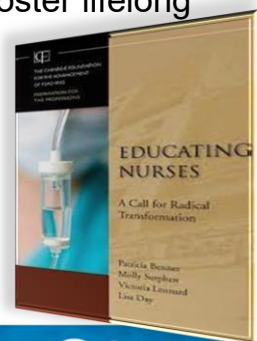


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Background

Educating Nurses: A Call for Radical Transformation

- Vary means of assessing student performance
- Promote and support skills of inquiry
- Develop curricula and pedagogies to foster lifelong learning
- Create innovative teaching methods
- Foster student participation



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Purpose

- Validate culmination of course objectives
- Develop an interactive virtual platform
- Encourage students' collaboration
- Demonstrate proficiency of evidence-based concepts
- Integrate research into practice
- Focus on accountability, ethics and clinical reasoning



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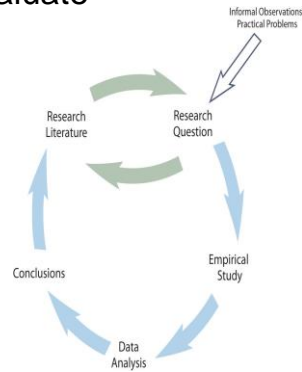
reSEARCH your Escape

Developed & Designed by:
H. Pena, BSN, DNP Student and E. Davis, DNP, CNL

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Process

- Determine course objective to evaluate
- Outline order of concepts
 - Research Question (PICOT)
 - Search Literature
 - Evidence Appraisal
 - Recommendation for Change
 - Ethical Principles



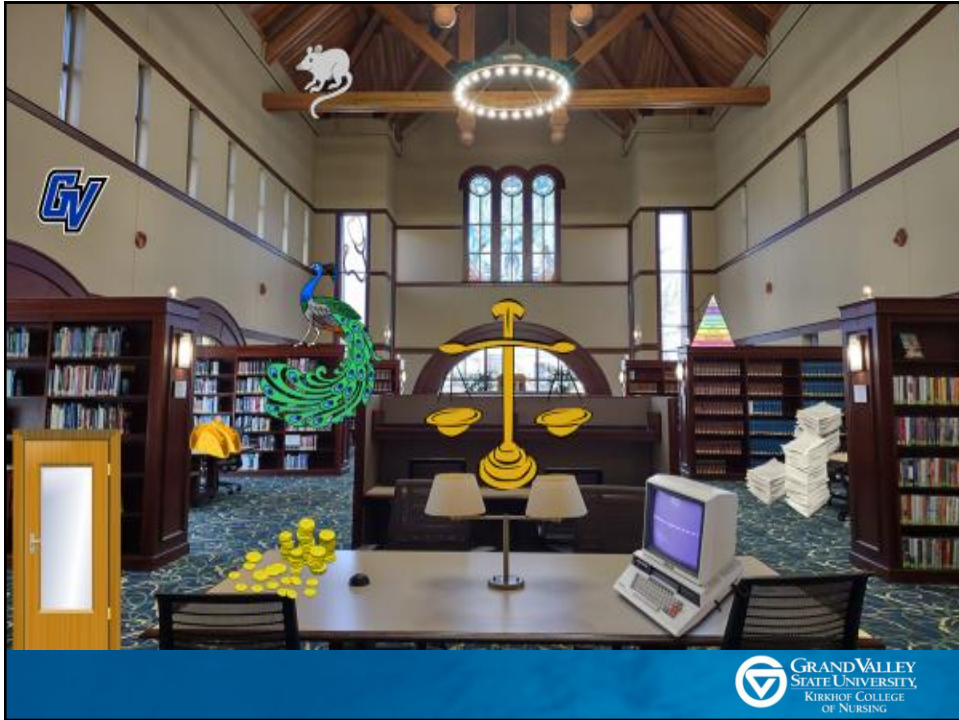
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Process

- Develop activities
 - Tasks, puzzles, challenges and clues
- Design virtual Escape Room
- Embed challenges
- Create Escape Room Exit Form
- Disseminate access to faculty to test



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Searching the Literature

Guided by your PICO(T) question and quest for knowledge you begin to search the library database. Unscramble the words below and enter your answers into the exit form. Terms align with semester vocabulary, answers from Task 1, and elements of your PICO(T) question. Capitalize the first letter of each word when entering the answers on the exit form, including when using the word "Of".

1. IRPEAPTOVTOES _____
2. UCIRNME NPIA SCAEL _____
3. LTITVENAARE PIAN ELACS _____
4. IPNA TLCNROO _____
5. CAIEDMCA RAUSNLJO _____
6. ETIQATILAVU SEEHRRAC _____
7. ANAITUETTVQI REACRSHE _____
8. ELVLE OF ECVDEINE _____
9. CIEEDNVE ESDBA ETRPCIAC _____
10. NAILF AXEM _____

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Results

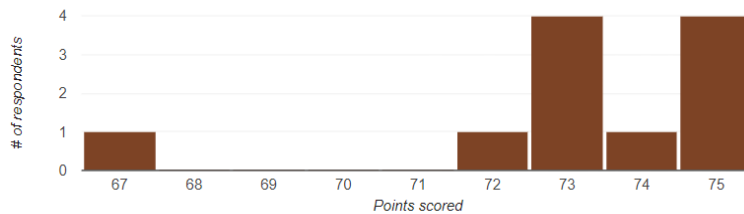
Insights

Average
73.18 / 75 points

Median
73 / 75 points

Range
67 - 75 points

Total points distribution



9

Lessons Learned & Implications

- Time commitment
- Obtain IRB approval
- Opportunity to debrief

- Utilized across course sections
- Increased confidence in research process
- Address diverse student preferences
- Establish team building, communication and critical thinking

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References

- Benner, P., Sutphen, M., Leonard, V., & Day, L. (2010). *Educating nurses: A call for radical transformation*. Jossey-Bass.
- Lyman, P. (2021). *The do-it-yourself escape room book: A practical guide to writing your own clues, designing puzzles, and creating your own challenges*. Skyhorse Publishing.
- Woodworth, J. A. (2021). Escape room teaching pedagogy in the didactic learning environment for nursing. *Nurse Educator*, 46(1), 39–42.
<https://doi.org/10.1097/NNE.0000000000000847>

