

2019-05-01

Thinking Inside the Box: Using Student Generated Puzzles as a Form of Assessment

Schechtel, Shauna

Schechtel, S., Mozol, D., Clapson, M., Tran, J., Gilbert, B., & White, S. (2019). Thinking Inside the Box: Using Student Generated Puzzles as a Form of Assessment. Presented at the Conference on Postsecondary Learning and Teaching: Exploring Experiential Learning, University of Calgary, Calgary, AB.

<http://hdl.handle.net/1880/110352>

Downloaded from PRISM Repository, University of Calgary

Bloom's Taxonomy Evaluation of Puzzle Creation

FOR ALL MULTIPLE CHOICE questions, when checking off boxes please feel free to select all that you feel apply.

1. Which of the following were important elements of your puzzle

☐

A definition

☐

Labels provided

☐

Duplicated course content

☐

Distractors provided

1b. If you wish, please elaborate here:

2. When you designed your puzzles did you

☐

have to recognize concepts students would use to solve the puzzles

☐

have to associate concepts to visuals presented in the puzzles

☐

require students to make inferences about concepts using visuals

2b. If you wish, please elaborate here:

3. To create the elements of your puzzle you had to manipulate

☐

facts

☐

numbers

3b. If you wish, please elaborate here:

Bloom's Taxonomy Evaluation of Puzzle Creation

4. When troubleshooting your puzzle

- ☐ I had to question how students would use the elements of the puzzle
- ☐ I had to breakdown concepts to create tasks
- ☐ I had to simplify elements of my puzzle

4b. If you wish, please elaborate here:

5. When having discussions about the puzzle

- ☐ I had to compare my reasoning for solving the puzzles.
- ☐ I had to justify my thoughts to my self when designing the puzzle
- ☐ I had to justify my thoughts to my table when designing the puzzle

5b. If you wish, please elaborate here:

6. Considering the overall structure of your puzzles

- ☐ I had to revise my ideas of concepts
- ☐ I had to improve my knowledge of concepts
- ☐ I had to combine concepts

6b. If you wish, please elaborate here:
