Epidemics and Hunger Games: Collaborating to Gamify Information Literacy... & Maybe Save the World

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GAME ELEMENTS

The best games include specific elements that make them engaging, stimulating, and entertaining.

Game Elements
- Objective - What do you have to do to win/finish?
- Strategy - How will you meet the objective?
- Challenges/Obstacles - What is keeping you from the objective and/or challenging the strategy?
- Adjust strategy & apply - How will you overcome the challenges to meet the objective?

SCENARIO GAMES

As you design your learning game, consider these principles.

Principles of Scenario-Based Learning Games
- Identity - learning occurs in an immersive environment.
- Transferability - be ready for an unexpected increase in difficulty.
- Immerse/Building - students know how well they are progressing towards the object.
- Material/Task - learning activities are different with a positive effect on the real world.
- Anticipation - allows students to observe the real world, as they may not be aware of their experiences.
- Agency - the students' actions affect the outcome.
- Feedback - feedback is essential for learning.
- Determination - the determination is essential for learning.
- Repeated feedback - the feedback is repeated.
- Process - the process is essential for learning.
- Cognitive flexibility - the game should be able to test flexibility.

PROCESS

Not sure how to develop your game? We break it down for you right here.

Process of creating a learning game:
1. Write learning (game) outcomes and objectives.
2. Develop the story or scenario.
3. Plan the game mechanics.
5. Assess learning & enjoyment; revise as needed.

COLLABORATIONS

It's no fun to play alone. Here are some tips for finding a collaborative partner.

Collaborate
- Appeal to your partner's needs. What problem do they need help solving? What does their previous work tell you about them and the outcomes they need/want?
- Start small. Before approaching a new faculty partner, learn about their course and create a sample of how a game or other project could work. Have ideas ready before talking to them. Present options.
- Show off! Present new partners by showcasing your work. Demonstrate your value by showing off successful projects.

BIBLIOGRAPHY

We're librarians...we make sure to cite our sources.

Bibliography

For a complete bibliography & more info please go to: