

Week 6 Bibliographies

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1 Abstract:

[1]

This article explores the relationship between playing video games and critical thinking skills. The study performed involved surveying 121 adults who either played video games or did not. The findings indicate that while gaming in general did not prove to have a significant effect on critical thinking skills, playing strategy based video games did have an effect on open minded thinking skills.

2 Abstract:

[2]

This article details the results of a study performed to better understand the science behind online gaming addiction. Ten participants with online gaming addiction and ten control subjects were examined using functional magnetic resonance imaging (fMRI). The results showed that when the participants with online gaming addiction were exposed to various gaming stimuli, the same parts of the brain were activated as can be seen in those with substance abuse issues when provided similar cues. This suggests that online gaming and substance addictions are both caused by the same biological components in the brain.

References

- [1] Sue Gerber and Logan Scott. Gamers and gaming context: Relationships to critical thinking. *British Journal of Educational Technology*, 42(5):842–849, 2011.
- [2] Chih-Hung Ko, Gin-Chung Liu, Sigmund Hsiao, Ju-Yu Yen, Ming-Jen Yang, Wei-Chen Lin, Cheng-Fang Yen, and Cheng-Sheng Chen. Brain activities associated with gaming urge of online gaming addiction. *Journal of psychiatric research*, 43(7):739–747, 2009.