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*Brainy Music: Does Music Really Help the Learning Process?*

This project serves to discover if there is any connection between listening to music and having to think through a puzzle. Using mice, a maze, and three different genres of music, the project started. Each mouse would listen to music while running the maze. The genres included classical--with the mice listening to John Williams, Tchaikovsky, and Sousa--pop--with the mice listening to Justin Bieber, Katy Perry, and Lady GaGa--and rock'n'roll--with the mice listening to Everfound, House of Heroes and Petra. Each mouse in the separate groups could hear the music the others listened to, simulating the student listening to different artists while doing homework. Each mouse spent time with the others in their genre group, with light that matched the days' time of sunlight and were fed every day, also getting fresh water. Within the first few days, there were almost no results, but by the fifth day, the data shows the connection between music and the brain not only in problem solving, but in the actions of the mice. Music seems to have an effect of the brain as the mice who listened to music had overall shorter times to complete the maze they ran through than the control group.