Experiment to test how nutrition affects the ability of mice to complete a maze.

Hypothesis: I believe the less food and drink the slower the mice will be.

Experimental groups:

1. Mice with ½ cup of water and ½ cup of food
2. Mice with 1/3 cup of water and 1/3 cup food
3. Mice with ¼ cup of water and ¼ cup of food

Variable = the amount of food and water

Control group :

1. Mice with as much food and water as they want

Constants: the maze, the type of food, the water, the type mice all must stay the same

Measure the times it takes mice to finish maze everyday for 15 days

Independent variable = the amount of food and water