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|  | **The Experiment**  I have been the proud owner of a goldfish for almost four years. However, I have not always known what the best environment for it is. My fish has accidentally been subjected to tap water, too warm of water, and too small a tank. Although I now have a basic idea of what a decent home is like for a goldfish, I wanted to test out a variety of factors that might impact a goldfish's health. I chose to test water temperature (room versus cold), surface area (33.18 cm2 versus 44.18 cm2), size of container (8 ounces versus 16 ounces), diet (one type of flake food versus a combination of two types and daily feeding versus feeding twice a day), presence of gravel, water type (tap versus detoxified water), and light or darkness. The nutrition analysis for the two types of food are:  Nutrafin Max Complete Flake Food for all tropical fish:  Min. Crude Protein- 44%  Min. Crude Fat- 5%  Max. Crude Fiber- 2%  Max. Moisture- 8%  Max. Ash- 9%  Min. Phosphorus- 0.6%  Max. Phosphorus- 0.9%  TetraFin Flake Food for all goldfish:  Min. Crude Protein- 32%  Min. Crude Fat- 3%  Max. Crude Fiber- 2%  Max. Moisture- 6.5%  Through the experiments, I hope to learn which combination of conditions are best for goldfish.  **Problem**  Which environment will be best for the goldfish to live in?  **Hypothesis**  A goldfish placed in a large container filled with detoxified room temperature water and fed a combination of food twice a day will survive longer than those in a different environment.  If a goldfish is not placed in an environment conducive to its survival, then it will perish. |

*This Web Site is Best viewed with 256 or more colors.*

*For More Information about Creekwatch, please contact Eric Thiel at* [*ethiel@pleasanton.k12.ca.us*](mailto:ethiel@pleasanton.k12.ca.us)