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|  | **Materials Used:**  Six Hoppper mice  One 10 gallon aquarium  Three water bottles and holders  Three food dishes  Pine bedding  Mouse food  One box of 60 mg ginseng capsules  One box of 60 mg ginkgo biloba capsules  Two pieces of cardboard  1 maze  stopwatch  **Procedure:**  1. Obtain six mice and the necessities to care for them. They include a ten gallon aquarium, a screen to cover the aquarium, three water bottles and food dishes, pine bedding, and food. All this can be obtained at a local pet shop.  2. Prepare the aquarium by taking the two pieces of cardboard and dividing the aquarium into three sections. Place some pine bedding, a water bottle, and a food bowl in each section.  3. Divide the mice in three groups of two. Mark the groups receiving each treatment:  Ginkgo biloba- purple nail polish  Ginseng- blue nail polish  Control- nothing  You can mark each mouse on its tail.  4. In the food bowls, prepare each treatment. In one food bowl, add 1/2 of a 60 mg ginkgo biloba capsule to 1/8 of a cup of food. in the second bowl add 1/2 of a 60 mg of a ginseng capsule to 1/8 of a cup of food. Be sure to mar which bowl has which treatment. Add only food to the last bowl. Do this every day for the remainder of the experiment.  5. For three days, feed each group the treatments and observe any outward effects.  6. After the three days, begin to run the mice through the maze. Mark the starting line and the finish. Place a small amount of food at he finish. It is better to choose a time at might such as 9:30 taking into account that mice are nocturnal. Repeat the maze once every night for fifteen trials. Record the times in the table.  7. Create a graph and evaluate the data. |

*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)