



SCIENCE PROJECT IDEAS



- "Does the Number of Reporting Satellites Affect the Accuracy of GPS?"
- Are carbon filters less effective when the water contains more chlorine?
- How do phosphates affect oxygen levels in water?
- Examine how much Carbon Dioxide is produced by different gas sources? (compare the amount of Carbon Dioxide (CO₂) produced by four different sources of gases.)
- Computational Limits of Computers in Relation to Spider Solitaire
- Peanut Power: Exploring Energy Conversion
- Signal Strength of WiFi as Affected by Various Materials
- Distractions and Multitasking
- Comparative Analysis of the Ca and Mg Contents of Compost Samples
- The Effects of a Simulated Oil Spill on Brine Shrimp
- The Effect of Common Painkillers on *Drosophila melanogaster*
- Are Green Detergents Less Toxic for the Environment than Conventional?
- Caffeine and Heart Rate: A Pharmacological Study Using *Daphnia magna*
- Sunglasses: Are They Really Worth the Money?
- The Effectiveness of Coffee and Tea as Natural Antimicrobial Agents Against *E.Coli*
- Effects of the Full Moon on Human Behavior
- The Effects of Temperature on Fuel Cell Vehicles
- Sensory Deprivation & Its Effect on Audio Perception
- Does a Wood Bat Hit Better than a Metal Bat?
- "A Pharmacological Study on Heart Healthy Vitamins and *Daphnia magna*"
- "A Bird's Response to Different Color Bird Feeders"
- "Eyewitness Testimony: Guilty or Not Guilty?"

- "Heartache: Do Different Concentrations of Ethanol Have an Effect on the Heartbeat of Daphnia"
- "Which Curves More, a Two Seam or Four Seam Fast Ball?"
- The Energy Outputs of Biofuels and Fossil Fuel
- Cerebral Hemisphere and Learning: A Study of the Correlation between Brain Dominations and Learning Styles
- Washable or Flammable? Washability on Flame Resistant Fabrics
- A Sticky Situation: Investigating the elements' effect on football glove performance
- What Not to Wear: A Study on Bacterial Colony Counts on the Clothing of Healthcare Providers
- Hydroponics vs. Ionized Hydroponics
- Effects of Sound Waves on Mating Behaviors in *Drosophila Melanogaster*
- The Correlation Between Lying and Pupil Dilation
- An Investigation of Rotor Blade Designs for Wind Turbines
- The Influences of Packaging Color of Teenage Female Consumers' Preferences of Bottled Bath Products
- Throwing Straight with Added Weight: A Study of How Weight Affects the Flight of Frisbees
- How the Number of Fan Blades and the Shape of the Fan Blade Affect the Energy Produced
- The Effect of Hand Strength and Flexibility on Handwriting
- Double Dipping: Chips and Dip
- Would You Like Microbes With That? A Study of What is REALLY in Your Soda Fountain Drinks
- The Affects of Cell Phone Radiation on the Growth of Wheat Sprouts
- The Effect of Oils on Elodea
- Splenda: Does the sweetener aspartame affect the life cycle of mealworms?
- Designing indicators for ecological effects of bioremediation
- "Degredation of Gaskets and orings due to fuel types."
- Generational effects of acid rain on *Drosophila melanogaster*
- Does Mass Affect the Emergence of a Soybean Seed?
- The effect of pollutants on light bioluminescent bacteria
- What effect does growth hormone supplementation have on irradiated lima beans.
- Using *Daphnia magna* to Study the Biological Effects of Nitrate and Phosphates on a Water system

- Musical Experience and Pitch Perception
- Irradiation and the effect on the nutritive value of beef.
- What is the effect of automobile exhaust on Hydra?
- Absorption of Pollutants in Different Soil Types.
- Finding mathematical relationships in nature
- Can Algae be the Energy Source of the Future?
- How does the size of a statistical sample affect its accuracy?
- Study of accuracy of calculators
- Turning Trash Into Gas
- What is the effect of temperature on the activity of (mealworms, crickets, etc.)?
- Musical instruments- the scientific principles behind them
- Leaf - do the numbers and sizes of stomata vary with different plants - what happens if stomata are covered and why
- How does acid rain affect the cell structure of *Spirogyra* algae?
- Investigating the Effects of Yogurt against UV Rays
- Effect of Decay on Oxygen Levels in Water
- Effect of growth hormones on growing plants from cuttings
- What is the relationship between temperature and the dissolved oxygen level in water?
- Compare the pH levels in mouths of various animals and humans at different times in the day.
- How Much can a Carbon Footprint be Reduced in a Classroom?
- What is the reaction of brine shrimp to changes in light variations?
- Does caffeine affect brine shrimp behavior?
- The Effect of Motor Oil on the Germination and Growth of *Brassica rapa*
- Using Daphnia & Hydra to Monitor H₂O Toxicity
- The Fluorescence of Algae
- Copper's Affect On Elodea
- Motion Sensing and Park Locking Device for Motor Vehicles
- Monopolizing the Game: Using Probability to Determine Strategy in the Game of Monopoly
- How does the natural hormone DHEA affect fruit fly longevity?
- Which Deodorant is Most Effective in Killing Bacteria?
- To Which Sweetener Are Harvester Ants Most Attracted?
- The Effect of UV Light on Yeast and the Countereffects of Sunscreen
- An Analysis of Singing Wineglass Resonance
- The Effect of Seasonal Change on Evergreen Tree Leaf Pigments
- What effect do magnetic fields have on fruit fly metamorphosis?
- Comparison of different plant's ability to add humus to the soil
- Factors affecting Nodule Formation in Legumes
- Can pigments from lichens be extracted for dyes?
- Does the Type of Information in a File (on a CD) Affect the Data Transfer Rate?

- Home Remedies vs. Commercial Products for Whitening Teeth
- pH Effect on Cell Structure of Spirogyra
- Effect of vitamins on the regenerative powers of *planaria*.
- What are the effects of carbon dioxide on land plant life? What about water plant life?
- What is the fewest number of colors needed to color any map if the rule is that no two countries with a common border can have the same color. Who discovered this? Why is the proof interesting? What if Mars is also divided into areas so that these areas are owned by different countries on earth. They too are colored by the same rule but the areas there must be colored by the color of the country they belong to. How many colors are now needed?
- How Does The Number Of Trials Performed Affect The Probability
- Demonstrate experimental methods of determining the value of Pi.
- The Antioxidant Effect: Do Antioxidants Increase Lifespan?
- Effects of Acids on Uranium Glazed Fiestaware
- Stability of Tops - To study the dynamical and mathematical concepts that set the basis for the motion and stability of tops and other rigid symmetrical rotating bodies.
- The Investigation into the Correlation Between Ceiling Shape and the Quality of Sound
- Do Leaf Veins of Different Tree Species Divide at the Same Angle?
- Effects of Recycled Water on Plants
- How Does Kitchen Utensil Material Affect Bacterial Growth?
- Do Koi Fish Go Over, Under or Through the Obstacle?
- The Effects of Humidity and Altitude on Curveballs
- WALK A MILE IN MY SHOES - The purpose of this experiment was to see how various shoe types absorb shock.
- Deodorant: Stick vs Spray
- Does Germination Increase the Rate of Plant Growth? -To determine whether pre-germination of grains has an affect on their rate of growth.

