

Science Fair Ideas

- * Can you predict what things will glow under a black light?
- * Will chilling an onion before cutting it keep you from crying?
- * What ratio of vinegar to baking soda produces the best chemical volcano eruption?
- * What plastic wrap best prevents oxidation?
- * Are night insects attracted to lamps because of heat or light?
- * Do white candles burn at a different rate than colored candles?
- * Does the presence of detergent in water affect plant growth?
- * Does magnetism affect the growth of plants?
- * Does the shape of an ice cube affect how quickly it melts?
- * Do different brands of popcorn leave different amounts of unpopped kernels?
- * How do differences in surfaces affect the adhesion of tape?
- * If you shake up different kinds or brands of soft drinks (e.g., carbonated), will they all spew the same amount?
- * Are all potato chips equally greasy (you can crush them to get uniform samples and look at the diameter of a grease spot on brown paper)? Is greasiness different if different oils are used (e.g., peanut versus soybean)?
- * Do the same types of mold grow on all types of bread?
- * Do different brands of batteries (same size, new) last equally long? If a brand lasts longer than others, does this change if you change the product (e.g., running a light a opposed to running a digital camera)?
- * Do all brands of bubble gum make the same size bubble?
- * Do all dishwashing detergents produce the same amount of bubbles? Clean the same number of dishes?

*What causes the big breaks and cracks in our Earth? What do faults have to do with fractures?

*Can we reduce the waste that our school produces?

*What is the greenhouse effect?

*What is a Tsunami?

*What causes the big breaks and cracks (faults) in our Earth?

*What kind of milk produces the best swirling of color: 1%, 2%, or whole milk?

*Explore where diamonds are found, how they are formed, and what they are used for.

*Discovering photosynthesis: which color of light is best for growing plants - green, red or white.

*What side of a plant leaf takes in carbon dioxide?

*Does the amount of fertilizer given to a plant affect its growth?

*How does acid rain affect plants?

*Why does popcorn pop?

* Does the number of folds affect the distance a paper airplane will fly?

* How does the depth of the ocean affect its temperature?

* Does the amount of moisture in the atmosphere vary from place to place?

* How are clouds formed?

* How does a bar magnet's field interact with the earth's magnetic field?

*Are ants picky over their food? Do they have any preference?

*Can people tell the difference in the taste between regular and low fat foods?

