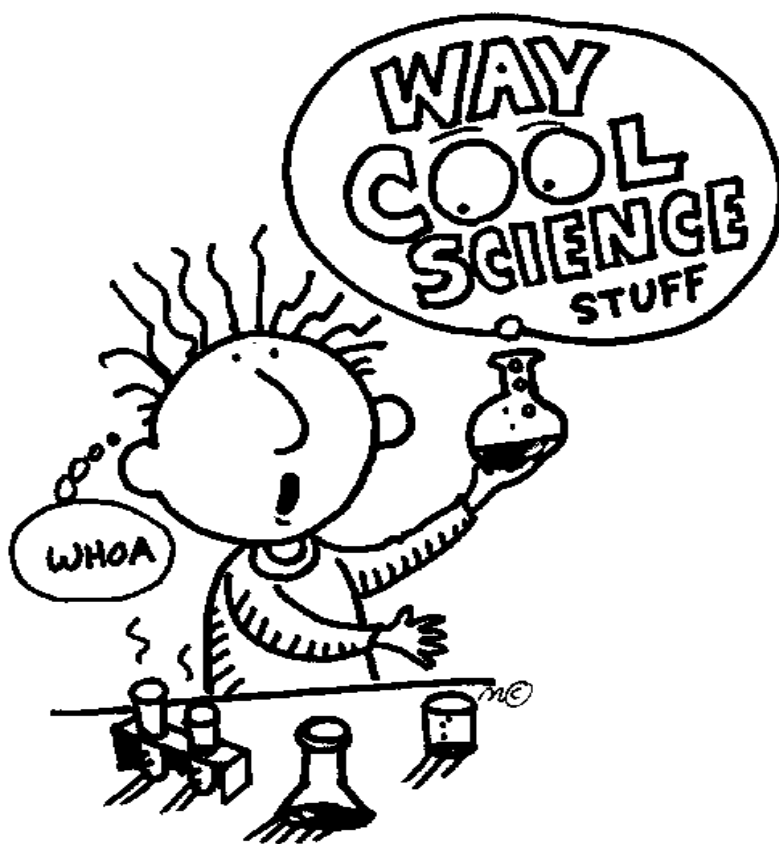


STEM Fair



Project Ideas

STEM Fair Project Ideas

Physical Science Projects

Is there a relationship between the size and strength of a magnet?

Which boat shape can support the most weight?

How does the temperature affect the bounce height of a ball?

Does color affect the rate at which an ice cube melts?

Do all liquids freeze at the same rate?

Does iron rust faster in salt water or fresh water?

Does temperature have an effect on solubility?

Does an ice cube melt faster in air or water?

Do all objects fall to the ground at the same speed?

Does the width of a rubber band affect how far it will stretch?

Do sugar crystals grow faster in tap water or distilled water?

Do different watt light bulbs produce different amounts of heat?

Which type of container keeps liquids hotter for more time?

STEM Fair Project Ideas

Life Science Projects

Do vitamins or fertilizers affect the growth of plants?

Does temperature affect the growth of seeds or plants?

How does temperature affect the growth of mold?

How does light affect the growth of mold?

What kinds of materials decompose (rot) faster when buried?

Will bananas brown faster on the counter or in the refrigerator?

Does sugar prolong the life of cut flowers?

Which household fertilizer works best?

Can plants grow without soil?

Does the color of light affect plant growth?

Do ants like cheese or sugar better?

Does the color of water have an effect on the life cycle of a mosquito?

STEM Fair Project Ideas

Earth Science Projects

How accurate are local weather forecasters?

Does the drop height of an object affect the size of the crater it will make?

Are there differences in temperature in shaded vs. non-shaded areas during the day and night?

Are there differences in shadow length during the day?

Do different types of soils have different percolation rates?

Do weather conditions affect the reception of satellite TV?

What effect does freezing or boiling have on rocks?

Do different wind speeds form different sizes and shapes of sand dunes?

How well does charcoal filter water?

How does the size of the ice cube affect its melting time?

STEM Fair Project Ideas

Chemistry Science Projects

Does the amount of fat in butter/margarine affect the time it takes to melt?

What kind of juice cleans pennies best?

Do foods containing preservatives really stay fresh longer than foods without them?

Are all potato chips equally "greasy"?

Can you use a household water filter to remove flavor or color from other liquids?

Which dish detergent breaks up oil the best?

How does salt affect the boiling point of water?

How does salt affect the freezing point of water?

Does color affect a paper towel's absorbency?

Do dissolved materials, such as salt, in water affect the absorbency of a paper towel?

Do substances other than salt melt ice?

STEM Fair Project Ideas

Consumer Science Projects

What type of adhesive is the strongest?

What material used for clothing or raincoats is most water-resistant?

Does the amount of air space in a container affect food spoilage?

What brand of toothpaste is the most abrasive?

Which type of cheese grows mold the fastest?

Which brand of diaper holds the most water?

What type of cleaner removes ink stains best?

Which brand of plastic trash bag is the strongest?

Which brand of cat litter absorbs the most?

Which brand of battery lasts the longest?