

# Kent Regional Science Fair Project Idea List

## LIFE SCIENCE

A Right-handed World  
A Study of Antimicrobial Activity of Spice Vapours  
All About Plants  
Allergies: Cause, Effect, Preventions  
An Inside Look at a Diseased Lung  
Aspects of Communication Among Ring Neck Pheasants  
Behavioural Functions of the Brain and the Limbic System  
Biological Effects on African Orchids  
Bone and Muscle Structure of a Flying Squirrel  
Boxer "Dogs"  
Breakfast is Grades  
Can Plants Survive Acid Rain?  
Can Succulents and Cacti Survive Cross Grafting?  
Cancer of the Kidney  
Cancer of the Spinal-cord and Brain  
Carbon Dioxide and Photosynthesis  
Colour Psychology; The Effects of Colours on Human Emotion  
Decaying Bacteria  
Determination of a Blood Type  
Determination of Visual Persistence  
Do Graham Crackers Mold?  
Do Plants Stay Green if Exposed to Sulfuric Acid?  
Do Zebra Fish Have the Ability of Colour Adaptation?  
Does Caffeine Have an Effect on Plants?  
Does Nicotine Effect the Embryonic Development?  
Does Rock and Roll Music Stimulate the Nervous System?  
Does Scoliosis Make a Difference in Daily Activity?  
Does the Size of a Seed Determine the Height of the Plant?  
Does Tobacco affect Plant Growth?  
Does TV Watching Really Effect Academic Achievement?  
Electrocardiograph  
Emphysema  
Evolution of a Nervous System  
Examining and Exploring the Tracheotomy Procedures  
Fish Anatomy Compared to Human Anatomy  
Fish and Pollution  
Flowers  
Genetics: Is Heredity Inherited?  
How Coloured Lights Affect the Human Eye  
How Contacts Effect the Human Eye  
How Detergent Pollution Affects Plant Growth  
How Do Chemicals Affect the Hair?  
How Does Moisture Affect the Rate at Which Bread Molds?  
How does the Human Heart Function?  
How Nicotine Affects the Lungs  
How Plants React to Light  
How Preservatives Effect Your Body  
How Smoke Effects Plant Growth  
How Teeth are Formed  
Human Reproduction  
Inside a Worm  
Is Water Important to Life?  
Kidneys, How They Work  
Lecithin, The Miracle Nutrient  
Leukemia, How Much Do You Know?  
Lively Liver  
Mendelian Genetics as Demonstrated with Drosophilae  
Melanogaster  
Mold Controls  
Mold Growth – How Long Does it Take to Grow?  
Osmosis  
Osmosis – How Does it Work?  
Plankton  
Plants Under the Influence of Sound  
Plant-Growth, In Artificial Light and Darkness  
Preserve Your Geranium  
Production of Monoclonal antibodies by Hybridomas  
Sickle Cell Anemia  
Smoke Pollution and Plants  
Smoking – Well Worth Quitting  
Television – Is it Dominating Our Kids Minds?  
The amazing Incredible Potato  
The Causes of Deafness  
The Cell  
The Corn Family Stalk  
The Effect of Different water Temperatures Have on Plants  
The Effect of Carbonated Water on the Growth of a Plant  
The Effect of Colour on Mood  
The Effect of Gas Components on Chick Embryos  
The Effect of Light and Freezing on Earthworms  
The Effect of Medication of the Skin  
The Effect of Metal Salts on the Growth of Plants  
The Effect of Smoking on Mice  
The Effect of Sucrose and Acid on the Teeth  
The Effect of Tobacco Smoke on the Growth of Grass  
The Effect of TV Shows on Pulse Rate  
The Effect of Variations of Light on Bacteria Growth  
The Effect of Various Soaps as Antiseptics  
The Effect of Various Water Types on the Growth of a Plant  
The Effect of Vitamin E on Plant Growth  
The Effect Salt has on the Aloe Vera Plant  
The Effects of Infrared as Opposed to a Growlux on Plants  
The Effects of Lights on Plants  
The Effects of Organic Fertilizers on Radish Plants  
The Effects of Polluted Water on Fish Life  
The Effects of Vitamins on Grass Seeds  
The Function of the Human Lungs  
The Green Carpet  
The Growth of Seeds, Darkness VS Light  
The Heart  
The Human Aura  
The Human Eye  
The Human Heart  
The Invisible Seeds  
The Study of the Growth Stages of Mushrooms  
The Study of Tooth Decay  
What Do Ants Eat?  
What Effect Does Acid Rain Have on Our Natural Environment  
What is the Role of Light in Photosynthesis?  
What Prevents Bread From Molding?  
What Vitamins help Plants to Grow?  
Which is the Best Way to Grow a Bean Plant?  
Which Treatment For Scoliosis is More Effective?  
You Are What You Eat  
Your Eating Habits

## PHYSICAL SCIENCE

An Acidity Test of Fruits and Vegetables  
Aspects of Gasohol as an Automotive Fuel  
Chemical Reaction  
Demonstration of Convalescent Bonding  
Exploring Crystals  
Hair and Chemicals

In What Liquids Do Copper Pennies Rust the Fastest  
Metals and Their Uses  
Oxidation  
The Chemical Reaction of Candles When Burned  
The Effect of Temperature on the Solubility of Salt  
Water Purification and How it Works

## ENGINEERING/COMPUTER SCIENCE

Break the Bank  
Computer Aided Drafting  
Computerized Robot Control Through a Remote Computer  
Do Home Computers Improve School Grades?  
Holography – An Adventure in the Third Dimension  
How Does a Computer Do Math?

Making a Multiple Factor Quiz Game  
Random Numbers  
Robot Teacher  
Robots of the Future  
Videogames – Friend or Foe?

## PHYSICAL/LIFE SCIENCE

Acid Rain  
Almost Out of Oxygen  
Earth and Space Science  
Effects of Water, Pressure, Heat and Abrasion on Various Rocks  
Finding a Way of Transporting Water to Places That Need It  
Is Acid Rain Affecting Your Drinking Water?  
Sungraphics

The Wonders of the Nighttime Sky  
Topology's Curiosities  
Tornadoes – How and Where They Occur  
Ways to Stop Erosion  
Which – Land or Water – Absorbs and Radiates the Most Heat?  
"Sun" - The Heat is On

## PHYSICAL SCIENCE/ENGINEERING

A Demonstration Light Chamber  
A Doorbell of a Different Kind  
A Star's Luminosity  
Air Conditioning  
An alternative Source of Energy  
An Investigation of the Pythagoras Theorem  
Are Sewage Systems Adequate? A Water Quality Analysis  
As Soft as a Cloud  
Buoyancy  
Do Opposites Attract, A Study of Magnetism  
Do You See What I See?  
Dump-Site Hazards Effect on Soil  
Earth Satellite  
Effect of Freezer Burn on Foods  
Energy Efficiency  
Evaporation of Liquid  
Fractals Dimensions, A New Perspective on Geometry  
Hold That Heat  
Home Made Weather Station  
How Do Athletes Depend on Electricity?  
How Do Eclipses Occur?  
How Does a Battery Produce an Electrical Current?  
How Does a Steel Ship Float?  
How Does Evaporation Cause Cooling?  
How Does the Changing of the Aperture Affect a Photo  
How Liquids Evaporate  
Identical or Not  
Is Seeing Believing?  
Is Sound Energy?  
Is There Life in Other Galaxies?  
I've Been Watching You  
Let's Cross That Bridge When We Get to It  
Onion Skin Paper  
Pepsi-Cola VS Tooth Enamel  
Photographing Snow Crystals  
Predicting the Weather by the Observation of Clouds

Prestidigitation and Magical Illusions  
Purifying Salt Water  
Pythagorean Theorem  
Reaction Time  
R.A.I.N. as a Feasible Energy Source and Fuel  
Satellites  
Saturn and Its Rings  
Solar Energy  
Solar House Heating  
Some Interesting Properties of Freon-12  
Space Travel Then and Now  
Specific Gravity  
Spherical 4-Dimension and Universal Geometry  
String Designs  
Tennis Balls and Temperatures  
The Bionic Arm  
The Cartridge Pinhole Camera  
The Effect of Radiation on Seed Germination  
The Effect Tension Has on Sound  
The Electric Motor  
The Electrified Lentil  
The Magnetic Compass  
The Optimum Position of a Solar Cell for Maximum Output  
The Power of Solar Energy  
The Telegraph  
Time Will Tell  
Tricks of Magic  
Uses of Solar Energy  
Varying Wavelengths in Iridescent Structure  
Viewing Snapshots in 3-D  
What Are Your Chances?  
What Strikes the Ear  
Which Wood Produces the Most Heat?  
Why is Electricity a Necessity in Life?  
Wind-Powered Generator

## PRODUCT EVALUATIONS

Are Brand Name Detergents Really Worth It?  
Better Design of Hockey Equipment  
Commercial VS Homemade  
Daytime VS Nighttime Commercials  
Different Qualities of Computer Monitors  
Fabric Stain Removers; Which Works Best?  
Glue Holding Power Comparison  
How Can Your Own Soap Clean?  
How Well Do Football Helmets Protect You?  
Insulation Investigation  
Investigation Into Alternative Keyboard Arrangements  
Paper Towels, Should You Try Your Luck or Pay the Buck?

Running Shoe Evaluation  
Soap Quality VS Quantity  
Testing Liquid Detergents  
The Effect of Shampoo PH on Permed Hair  
What Kind of Water Dissolves Detergent Better?  
What's the Best Insulator?  
Which Antacids Work the Best?  
Which Detergent Works the Best?  
Which Foods Taste Best; Generic or Name Brand?  
Which Headache Pain Capsule Works Faster?  
Which Pops Contain the Greatest Amount of Sugar?  
Who Eats Better, You or Your Dog?