

PRINCE GEORGE'S AREA
SCIENCE FAIR - March 24, 2007

Junior - Animal Sciences

- J-0101 Rescuing Wildlife
- J-0103 The Cozy Cryciscilis Coaxing Metamorphis

Junior - Behavioral & Social Sciences

- J-0201 Color Wonder
- J-0202 Can You Trust Your Eyes
- J-0203 Peripheral Vision

Junior - Biochemistry

- J-0301 Burning NUTS Give Off Energy?
- J-0302 Vitamin C'Prise
- J-0303 Food and Preservation
- J-0304 How Do Oil Spills Affect Marine Life?
- J-0305 Where Did My Soap Go?
- J-0306 The Dissapearing Egg Shell

Junior - Cellular & Molecular Biology

- J-0401 Can Bones Stripped of Calcium...

Junior - Chemistry

- J-0501 Is the Bunny Unbeatable?
- J-0502 Viscosity of Liquids
- J-0503 Water is Water, Right?
- J-0504 Effects of Solvent Polarity in Chromatography
- J-0505 Volatile Vaporization
- J-0506 Crystallography and Chemistry
- J-0507 Edgecombe
- J-0508 Expando
- J-0509 Browning Apples III
- J-0510 The pH of Household Products
- J-0511 A PH Dilemma
- J-0512 The Melt Down
- J-0513 Pour and Freeze
- J-0514 Surveying Surface Tension
- J-0515 Chemical Magnetism
- J-0516 Freezing Liquids
- J-0517 "Eggs-Mosis - The Power of Osmosis"
- J-0518 Do Dyes Matter?
- J-0519 Growing Sucrose Crystals
- J-0520 Effects of Different Flame Retardants

Junior - Computer Science

- J-0601 Shall We Play a Game?

Junior - Earth & Planetary Science

- J-0701 Natural Magnet
- J-0702 Blowing Up a Balloon...
- J-0703 Fog Formation
- J-0704 Ancient Bites
- J-0705 DNA - The Way of Life
- J-0706 Using Solar Power
- J-0707 Heating Earth's Surface
- J-0708 Wave vs. Land
- J-0709 Lowering the Viscosity of Crude Oil
- J-0710 Simple Nonlinear Systems & It's Connection...
- J-0711 Bouyancy Properties Salt vs Fresh Water
- J-0760A Teeth-In a Drink!

Junior - Energy & Transportation

- J-0801 Rocket Works
- J-0802 The Incredible Egg
- J-0803 Does A Shorter Delay Equal...
- J-0804 Maglevs!!!
- J-0805 The Freezing Fuel Cell Conundrum
- J-0806 Don't Be a Drag-Shape Up!

Junior-Engineering:Electrical&Mechanical

- J-0901 How Does Steel Wood Generate Heat?
- J-0902 Electric Evaporation
- J-0903 Lights, Camera, Action
- J-0904 Quake and Shake
- J-0905 Railgun, Weapon of Mass Disposal

Junior-Engineering:Materials&Bioengineering

- J-1001 Shaken Not Stirred
- J-1002 A Sticky Situation
- J-1003 Aerodynamics of a Solar Car
- J-1004 The Skyscraper
- J-1005 Chill!
- J-1006 Color and the Absorption and Reflection...
- J-1007 Earthquake

Junior - Environmental Sciences

- J-1101 It's Getting' Hot In Here!!!
- J-1102 Will Metal Rust Faster in Salt or Fresh Water?

J-1103	"Protect Water Now"	J-1610	Electricity from Plants
J-1104	The Growth of Algae	J-1611	Chillin' With Frosty
J-1105	Glues Clues	J-1612	Football Torgue
J-1106	Polyfelt vs Batting vs Foil	J-1613	Heated Magnet
J-1107	"Still Waters Run Clean"	J-1614	Friction: Slipsliding
J-1108	Materials and Insulation		
J-1109	Assessing Maryland's Water Quality		Junior - Plant Sciences
	Junior - Environmental Management	J-1701	Spoiled Rotten Fruits
J-1201	Saving with Spirals	J-1702	Pothos Ivy
J-1202	Divert and Conquer	J-1703	Waterworks
J-1203	Fast Food for Horse Farms	J-1704	Grow Faster for the Pasture
J-1204	Can Regular Household Chemicals...	J-1705	Hydroponics
	Junior - Mathematical Sciences	J-1706	Liquid Vegetation Extraction
J-1301	Needles, Boards and PI, OH MY!	J-1707	"Color Changing Flowers"
J-1302	Counting Bach	J-1708	Plant Growth with Various Types of Water
	Junior - Medicine & Health Sciences		Senior - Animal Sciences
J-1401	Raisin' Pressure	S-0101	Caenorhabditis Elegans; Double Mutant...
J-1402	Sparkle 'n' Shine	S-0102	Oviposition and Progency Success...
J-1403	Fat Meltdown	S-0103	Fluid Transportation in Mayfly Nymphs
J-1404	Alka-Seltzer...	S-0104	Substrate Effects on Naked Mole-Rats
J-1405	The Effectiveness or Different Disinfectants...	S-0105	The Effect of CaE/DA on CeTwist Strains
J-1406	What is in the Air?	S-0160A	Temperature and Sand Fly Development
J-1407	The Effects of Liquids on Teeth	S-0161A	The Structure of Fingerprints
J-1408	The Stomach Acid Solution		Senior - Behavioral & Social Sciences
J-1409	Bread Mold	S-0201	Infants Imitate the Actions of Others
	Junior - Microbiology	S-0202	Illusion Conclusion
J-1501	Phytoplankton: Friend or Foe	S-0203	Audio vs. Visual
J-1502	Behold the Mold	S-0204	Brainiac!
J-1503	Mold and You	S-0260A	The Effects of Age on Auditory Hallucination
J-1504	What's in the Jar?		Senior - Biochemistry
	Junior - Physics & Astronomy	S-0301	Bt Toxicity vs Protein Concentration
J-1601	For the Best Lubricant...	S-0302	An Expedition on a Laser Microtow
J-1602	Pressure vs Distance	S-0303	Mutational Analysis of Predicted...
J-1603	Freezing Points of Liquids	S-0304	Aww Nuts
J-1604	Thinking Thermally...		Senior - Cellular & Molecular Biology
J-1605	The Harmonic Motion of a Pendulum	S-0401	Western Blotting for AQPI
J-1606	Tilt-A-Worm: Regeneration	S-0402	The Effect of Caffeine on Mitosis
J-1607	FLING!	S-0403	Tumor Marker Expr. In TSP1-NO Interaction
J-1608	Hydrogen Energy	S-0404	Wnt/Frizzled Interactions and Signaling
J-1609	"Free Falling Objects"		Senior - Chemistry

S-0501	How Sweet It Is	S-0909	Insulation Investigation...
S-0502	Testing Bioasesis for Vrying Viscosity	S-0960A	Can You Hear Me Now?
S-0503	Effect of Heat Lacids on Milk Proteins	S-0961A	Skyscrapers
S-0504	Fatty Acids in Baby Food		Senior-Engineering:Materials&Bioengineering
S-0505	Triclosan - Is It In You?		
S-0506	The Voltaic Cell....	S-1001	Bridge Battle
S-0507	Nebular Dust Analogs as Catalysts	S-1002	Tissue Scaffolding with BisGMA-TEGMA
S-0508	Polarity and Freezing	S-1003	Flying Under the Radar
S-0509	Oh My! My Water's Hard	S-1004	Reducing Shrinkage of Nickel Using Carbon
S-0510	How Wires Effect Production or Light	S-1005	The Effect of Gum Arabic on the
S-0511	Disappearing Inc.		Biom mineralization...
S-0512	Analysis of Water Soluble Vitamins...	S-1006	Collapsing Bridges
S-0560A	Hot Marker Mess	S-1007	Characterization of BiFeO ₃ Thin Films
S-0561A	Calorimetry	S-1008	Oops I Made a M.E.S.
	Senior - Computer Science		Senior - Environmental Sciences
S-0601	Computer Aided Design Model	S-1101	The Affect of Salt Water in Different...
S-0602	Automated Event Detection	S-1102	Fertilizers Effect on Plants...
S-0603	Comparing Gaming Languages	S-1103	Soil Pollution
	Senior - Earth & Planetary Science	S-1104	Water Quality Around Chincoteague Island...
S-0701	Heat Flux and Net Precip.-Evap.	S-1105	Effect of Vitamin Band E on Ivy Plants
S-0702	The Potentials of Metals	S-1160A	Don't Drink the Water!!!
S-0703	Global Cooling? The Ocean...		Senior - Environmental Management
S-0760A	Sandbags	S-1201	Survivor: Smith Island
	Senior - Energy & Transportation		Senior - Mathematical Sciences
S-0801	Efficiency of a UAV Engine and Generator	S-1301	Chill Factor: Newton's Law of Cooling
S-0802	Window Pain: Cost of Heat Loss	S-1302	Vector Alignmewnt of Telescopes
S-0803	Too Hot To Handle	S-1303	The Gambler's Dilemma
S-0804	Got Nuts?	S-1304	Basic Poly VDW
S-0805	A Battery's Life		Senior - Medicine & Health Sciences
S-0806	Effect of Wing Design on a Model Rocket's...	S-1401	Evaluation of ABC Transporter...
S-0807	Aw, Chute!	S-1402	Examination of NO in Alzheimer's
S-0808	Physics of Failure	S-1403	Uncovering the Role of SRC Kinastes
	Senior-Engineering:Electrical&Mechanical	S-1404	Methicillin Resistant Staphyococcus Aureus...
S-0901	The Right Angle: Maximizing Solar Panel Output	S-1405	Glass Seals for Laminar Dental Ceramics
S-0902	Light the Night Not the Sky	S-1406	Blocking the Rays
S-0903	Designing a Gait for the Tetrahedral...		Senior - Microbiology
S-0904	Performance of Plastic Sheet...	S-1501	E.Coli WT and Luxs Stress Responses
S-0905	Failure in Space Shuttle System Sensor	S-1502	Bacteria Growth in Water Bottles
S-0906	The Electric Cricket	S-1503	How Damaging is Lead Exposure...
S-0907	What's Going on in Your Wind Tunnel?		
S-0908	Break It Down		

- S-1504 Antibiotic Resistance in Produce Commodities
- S-1505 E.Coli and Alcohol
- S-1506 Effect of Sugars on Fungal Growth
- S-1507 Identification of Common Bacteria
- S-1508 Hydroclean
- S-1509 Oligodynamics Activity of Heavy Metals
- S-1510 Alcohol and Escherichia Coli
- S-1511 Herbs in Action: Fighting Bacteria
- S-1560A The Effect of Disinfectants on E.Coli

Senior - Physics & Astronomy

- S-1601 Resonance of Nanoparticles
- S-1602 The Dark Secret of Dark Matter
- S-1603 Effect of Flute Length on Pitch
- S-1604 Pinhole Viewers, Do They...
- S-1605 Images of a Pinhole
- S-1606 Archery Comparing Elevation to Range
- S-1607 Wind Energy: Is a Horizontal or Vertical...
- S-1608 Active Ballast for Car and SUV Safety
- S-1660A Sky High
- S-1661A Big Game Trilene vs. Big Game Trilene Supreme
- S-1662A Refraction Reaction
- S-1663A Magnet Muscle

Senior - Plant Sciences

- S-1701 Bioremediation
- S-1702 pH an Plants
- S-1703 The Effect of Silene Stellata Floral...
- S-1704 Antioxidant Content in Small Fruits
- S-1705 Determination of Drought...
- S-1706 Is the Grass Greener on the Other Side?
- S-1707 DNA Marker Linked to Parthenocarpy
- S-1708 "Flower Power"