

## CASAC Science Fair 2008 Junior Division

School	Last Name	First Initial	Title of Project	Award
Wilson	Carroll	S	Which type of wood absorbs the least water?	1st-GC
Grace Baptist	Miller	M	Are your reactions slower when using a cell phone?	2nd-GC
Lamberton	McCommon	J	Does Grooming Calm Your Horse?	3rd-GC

### Possible awards: 1st Place, 2nd Place, 3rd Place, Honorable Mention, Participation

Carlisle C.A.	Hodges	M	What Juice Cleans a Penny Better	HM
Grace Baptist	Mentch	C	Chemistry	2nd
Grace Baptist	Mentch	H	That's Mixed Up	HM
Grace Baptist	Sheriff	A	Factors Affecting the Yield and Composition of Meat	HM
Lamberton	Adams	J	Dark or Light?	HM
Lamberton	Aldrich	D	Routine or Cognitive	2nd
Lamberton	Artman	T	Heating Air and Watering...	Part.
Lamberton	Ashworth	K	Angle and Number of Goals Scored	2nd
Lamberton	Aungst	M	Who Smells the Best?	2nd
Lamberton	Bateman	L	Beeswax Vs Paraffin	3rd
Lamberton	Bierley	M	Smart Impression	2nd
Lamberton	Bisker	M	A Nosey Taste	HM
Lamberton	Bloom	C	Does Thumb Size relate to hand agility?	HM
Lamberton	Breschi	M	Keeping your Cookies in Shape	2nd
Lamberton	Bucher	C	Musical Ability	HM
Lamberton	Burger	M	Do Left or Right Handed People...?	HM
Lamberton	Burleson	E	Sleep Studying?	3rd
Lamberton	Burns	S	Does Plant Fertilizer Mater?	HM
Lamberton	Carnes-Douglas	L	The Effect of Heavy Water on Plant Life	2nd
Lamberton	Chaney	M	Face Your Fears	HM
Lamberton	Clash	M	Impact of Hearing and Seeing/Memori	3rd
Lamberton	Cline	J	Specific Gravity	HM
Lamberton	Coghlan	B	How hard is it to crack an egg?	1st
Lamberton	Coplen	M	How Can Algae ..Alternative Energy?	3rd
Lamberton	Daly	N	Do Plants grow Differently in Diff. Soils?	Part.
Lamberton	Deardorff	C	Bathroom Germs: Toothbrush vs Flusher	3rd
Lamberton	Doane	B	Which Materials/ Electricity Conductor?	Part.
Lamberton	Doyle	L	Can A Muse Distract Cupid?Archery/Focus	HM
Lamberton	Drabik	G	Test With Colored Ink	2nd
Lamberton	Dyche	C	Longest Lasting Lotion	HM
Lamberton	Farmer	E	What Natural Materials...?	Part.

Lamberton	Finrock	A	How Do Goats React to Diff Sounds?	HM
Lamberton	Fowler	C	Magnets vs Springs: Who is Strongest?	2nd
Lamberton	Gibson	D	To Pop or Not to Pop	Part.
Lamberton	Gobin	B	What is Stronger CO2 or Spring Air Gun?	1st
Lamberton	Goghlan	S	The Separation of Black Ink	2nd
Lamberton	Gould	M	Mass/Arrows Penetrating Power	1st
Lamberton	Grace	A	What Effects Colors Have on Reading	3rd
Lamberton	Grieneisen	N	Does Liquid's Density Aff Viscosity?	2nd
Lamberton	Griggs	F	Need for Speed:Wood Vs Aluminum Bats	1st
Lamberton	Hall	I	Hair Color and Static Electricity	Part.
Lamberton	Hench	J	Plants: Water, Soil, Sand	HM
Lamberton	Henk	R	Firewood	Part.
Lamberton	Herold	M	Does a Person Remember/Visual/Audio?	1st
Lamberton	Hietsch	E	Memory:Visual,Verbal, or Written?	3rd
Lamberton	Himmerreich	L	Sugar Busters	3rd
Lamberton	Hinthorn	M	Bacterial Growth on Liquid Foods	3rd
Lamberton	Horn	S	Do Plants React to Motion?	HM
Lamberton	Hotra-Schubart	E	What Age Group Eats Healthiest?	3rd
Lamberton	Hotra-Schubart	M	Does Music Affect Pulse Rate?	2nd
Lamberton	Jacobs	C	Salinity Water Heating	3rd
Lamberton	Kennaly	P	Which is the Real Topsoil?	2nd
Lamberton	Khan	N	Effect of Water Temp on Critter Capsules	HM
Lamberton	Kiner	K	What Relaxes People/Bedtime?	HM
Lamberton	Kunst	S	Don't Let the Big One Get Away	2nd
Lamberton	Markle	H	Liar Liar, Pants of Fire	2nd
Lamberton	Marks	N	What Type of Food Do Wildlife Prefer?	2nd
Lamberton	Martin	R	Magnets & Electricity	2nd
Lamberton	Maurice	C	Age and the Heart	Part.
Lamberton	McCleaf	A	Painting in Temperatures	3rd
Lamberton	Merrit	S	Oil Spill	HM
Lamberton	Metzger	E	Pour Some Sugar or Salt on Me	HM
Lamberton	Miller	J	The Effect of Different Liquids of Plants	3rd
Lamberton	Morris	T	What Causes Diet Coke and Mentos...?	HM
Lamberton	Morris	W	Should You Really Drink that Water?	2nd
Lamberton	Murray	J	Which Glue Makes The Highest Bounce	1st
Lamberton	Myers	S	Which Toothpaste Whitens Enamel Paint	3rd
Lamberton	Neff	J	DoesTemp Affect A Tennis Ball's Bounce	3rd
Lamberton	Newson	M	Heart Stomping Music	Part.
Lamberton	Nickel	A	Do Cats have temperature preference/food?	2nd

Lamberton	Nickle	A	Do Different Soils Affect pH of Water?	HM
Lamberton	Norton	J	Foods Full of Fuel	1st
Lamberton	Owens	S	Remembering Numbers	2nd
Lamberton	Padilla	A	Colorful Beverages	HM
Lamberton	Pavlovich	C	Does Temp Affect Magnet Strength?	2nd
Lamberton	Peffer	W	What Type Farm Crop Grows Faster	Part.
Lamberton	Peters	A	Which Fruit/Veg Contain Most Sugar?	HM
Lamberton	Porter	L	Pulmonary Effects of Diesel Exhaust	2nd
Lamberton	Prosser	J	Does Air Pressure & Size Affect Distance?	1st
Lamberton	Radle	D	Does Temp of Air affect Static Electr?	3rd
Lamberton	Recay	J	Does Concentration of Crystals Aff Growth?	2nd
Lamberton	Reidy	J	Horse Behavior	3rd
Lamberton	Robinson	B	Impact of Dextral Eye Dominance	1st
Lamberton	Robinson	B	Does Music affect Blood Pressure?	HM
Lamberton	Robinson	K	Reaction Time, Boys vs Girls	3rd
Lamberton	Ryman	C	Which Type Liquid Makes Crystals?	3rd
Lamberton	Salamone	A	Which Parent Affects Fingerprints more?	2nd
Lamberton	Salisbury	A	What Food/ Hamster Run Fastest?	1st
Lamberton	Saussaman	J	Which Paper Towel Absorbs?	HM
Lamberton	Schacht	B	Which Type of Bleach/ Kool Aid stains?	HM
Lamberton	Scudieri	A	Bubbles, Bubbles...	HM
Lamberton	Shannon	I	How Long / Banana to Ripen	Part.
Lamberton	Shughart	H	What Type Seed Germinates Quickest?	3rd
Lamberton	Sigel	C	Tinting Mirrors and Drivers' safety	1st
Lamberton	Skovira	E	Age/Ability/Remote Controlled Airplane	2nd
Lamberton	Snyder	H	How to Take DNA out of Cell?	HM
Lamberton	Spigelmyer	D	Heating of Metals	3rd
Lamberton	Spivak	D	Rusty Nail	2nd
Lamberton	Stasyszyn	G	Dim Sight	3rd
Lamberton	Stasyszyn	M	Which Brand Gum/ Flavor Longest?	2nd
Lamberton	Stockton-Juarez	C	Memory-Hidden Symbols	3rd
Lamberton	Sweeney	C	How Hot Can Solar Oven Pizza Get?	3rd
Lamberton	Tomkiel	C	Water Quality of the Letort	2nd
Lamberton	Tritt	J	Does Music Affect Plant Growth?	HM
Lamberton	Warshaw	D	Falling From the Sky	1st
Lamberton	Weltmer	L	What Temperature do Crystals Grow Best?	HM
Lamberton	Wert	N	Molds and Their Environment	Part.
Lamberton	Whalen	R	Does Plant Grow Fastest...Diff Liquids?	3rd
Lamberton	Williams	A	What materials Provide/Insulation?	3rd

Lamberton	Winton	S	Heat vs Viscosity	2nd
Lamberton	Wise	C	Fire or Liar	3rd
Lamberton	Wolfert	D	Bouncing on Wood & Concrete	Part.
Lamberton	Wolter	Q	Which Tape is Strongest?	3rd
Lamberton	Worthen	D	Does Listening to Classical Music...?	1st
Lamberton	Wuestner	C	Lung Capacity	HM
Lamberton	Wyrick	K	Do You Hear It?	2nd
Lamberton	Zander	E	Music and its Effect on Blood Pressure	3rd
St. Patrick	Arp	K	The Truth Behind the Wrapper	2nd
St. Patrick	Bourdon	H	The power of bleach	HM
St. Patrick	Cho	B	Energy Tops	2nd
St. Patrick	Collins	S	The Effect of Temperature on Battery Life	1st
St. Patrick	Corrado	A	Battery Power	3rd
St. Patrick	Craig	A	The Effect of Music on Studying and Remembering	1st
St. Patrick	Crotty	B	Why do pennies tarnish?	HM
St. Patrick	Fly	D	Blood Types and Their Reaction to Caffeine	2nd
St. Patrick	Fry	J	Are your Suds Duds?	2nd
St. Patrick	Gabig	G	Is your cereal strong enough	Part.
St. Patrick	Garman	A	Sense of Smell	3rd
St. Patrick	Garman	T	Solar Heating	3rd
St. Patrick	Gronkiewicz	M	Train your Stain	3rd
St. Patrick	Guarriello	G	Sound Transmissions	1st
St. Patrick	Halabi	R	The best medicine for nasal conjection	1st
St. Patrick	Herring	R	How Hair Color Effects your Hair	HM
St. Patrick	Kahle	N	Which Chocolate do People Prefer?	3rd
St. Patrick	Keating	E	The Cola Wars	HM
St. Patrick	Keegan	E	The Egg Drop	3rd
St. Patrick	Keller	A	The Effects of Different Types of Music on Pulse Rate	1st
St. Patrick	Kruegler	M	What is the Apple Oxidizer?	3rd
St. Patrick	Larson	L	Erosion and Deposition	HM
St. Patrick	Leandri	M	Does caffeine effect paperwhites?	3rd
St. Patrick	Lindley	E	What is the Greenhouse Effect?	HM
St. Patrick	Lloyd	I	Parachute:Area Vs. Fall Time	2nd
St. Patrick	Malpezzi	N	The burning question	1st
St. Patrick	Maurer	J	Waters	HM
St. Patrick	McCauley	K	The rise and fall of a chocolate cake	HM
St. Patrick	Muniz	N	Longest Lasting Gum	Part.
St. Patrick	Oliverio	M	Opposite Sides	2nd
St. Patrick	Poth	N	Eyewitness Testimony	3rd

St. Patrick	Reeder	M	Wet and Dry, What Kind of Socks Keep you Warm?	1st
St. Patrick	Turo	D	Static Hair Problems	1st
St. Patrick	Ulrich	E	Shelf Life of Bread?	3rd
St. Patrick	Vrabel	M	The Power of the Future	1st
St. Patrick	Williams	S	Which ball bounces highest?	Part.
St. Patrick	Winn	A	Visual Affect of Food Taste	2nd
St. Patrick	Zygmunt	J	Liquid Density in Relation to Pitch	2nd
Wilson	Anderson	A	Shampoo Suds	1st
Wilson	Atkinson	T	What does a plant need more, sun or water?	HM
Wilson	Bailey	S	Balloon Expansion	HM
Wilson	Billman	S	Musical Memory	2nd
Wilson	Bixby	C	coaching change?	2nd
Wilson	Black	C	Rocket explosion	HM
Wilson	Blackledge	M	Do most drivers stop at a stop sign?	2nd
Wilson	Brown	R	Rocket explosion	HM
Wilson	Burley	C	Do teachers pay fair attention?	2nd
Wilson	Burley	N	Do after-school activities affect your grades?	Part.
Wilson	Bybee	A	Does highlighting your hair affect its strength?	2nd
Wilson	Carroll	J	Who has the most lung capacity, kids or adults?	2nd
Wilson	Cook	B	Effects of gender identity on short term memory	2nd
Wilson	Day	R	More scents for your cents	1st
Wilson	Frayar	K	What is probability and how does it work?	3rd
Wilson	George	T	Effect of temperature on the rate of a chemical reaction	1st
Wilson	Goodman	A	Right hand vs. left hand	2nd
Wilson	Herb	A	Magnetic energy	HM
Wilson	Kuhn	S	Can you make an egg bounce?	HM
Wilson	Louden	W	stations?	3rd
Wilson	Loundon	L	low sodium foods, and regular fat and low fat foods?	HM
Wilson	Mann	G	Fast food for turtles	2nd
Wilson	Mann	R	Which lego brick color is the strongest?	3rd
Wilson	McCarthy	S	Do teachers pay fair attention?	2nd
Wilson	Miller	K	What drink dissolves teeth the best?	3rd
Wilson	Ocker	C	Which Type of Liquid Evaporates the Quickest?	1st
Wilson	Owens	C	Electric circuits	Part.
Wilson	Patterson	J	Does your trash bag decompose?	2nd
Wilson	Potteiger	L	Balloon Expansion	HM
Wilson	Rowe	S	What flavor of gum lasts the longest?	HM
Wilson	Rowe	T	What bread molds fastest?	HM
Wilson	Sheets	A	Musical Memory	2nd

GC

Wilson	Shover	N	Which liquid is most harmful to teeth?	2nd
Wilson	Sweeder	L	Who has a better memory, boys or girls?	1st
Wilson	Thall	B	Does the type of light affect the growth of the plant?	HM
Wilson	Verderame	G	Lead in dog toys	3rd
YBMS	Baric	M	Rates	HM
YBMS	Barnes	B	Warped Space Time	1st
YBMS	Beattie	F	Cookie?	HM
YBMS	Benson	T	Which Liquid Cleans a Penny Best?	HM
YBMS	Bitner	L	Energy Crunch - Think Insulation	2nd
YBMS	Booher	M	Scores?	HM
YBMS	Cohick	H	Does the Color People Wear Affect Their Mood?	Part.
YBMS	DeSimone	D	Temperature Averages?	3rd
YBMS	Dragon	A	Owl Pellets, What On Earth Did They Eat?	2nd
YBMS	Frost	L	What Concentration of Bleach Kills Mold the Fastest?	Part.
YBMS	Garman	I	Which Orange is Juiciest: Naval or Valencia?	2nd
YBMS	Green	T	Get a Whiff of That	Part.
YBMS	Greenbaum	S	Burning Calories	3rd
YBMS	Greenisen	J	Oil Mix with Water	Part.
YBMS	Gruntz	H	Catapult	HM
YBMS	Hoffman	M	Which Bedding Material is Preferred by the Eastern Gray Squirrel?	2nd
YBMS	Johnson	K	Surviving in the Desert	HM
YBMS	Jumper	S	Fingerprints Uncovered	HM
YBMS	Kaczor	N	Do Rubber Bands Lose Their Elasticity in the Cold?	Part.
YBMS	Koehler	O	Colorful Testing Material	HM
YBMS	Kuhn	R	Which Types of Rocks hold Heat the Longest?	2nd
YBMS	Mast	A	The Strongest Bridge	2nd
YBMS	Maurer	M	An Evaluation of Genetic Material Quantities in Five Species Samples	1st
YBMS	Murphy	C	Is the Period of a Pendulum Dependent on the Bob Weight?	3rd
YBMS	Otto	L	Bike Rust	HM
YBMS	Purcell	C	Tear Testing	2nd
YBMS	Rose	T	Interlocking fingers	3rd
YBMS	Rundall	B	Does the Weight of a Football Affect Kickoff?	3rd
YBMS	Speakman	M	Which Carpet Stain Remover Removes the Most Stain?	3rd
YBMS	Susi	J	Cell Phone Use: A Distraction While Driving?	HM
YBMS	Turner	K	Does Rhyme Help Memorization?	3rd
YBMS	Xue	R	Can Hydrogen Be Obtained From Water?	Part.
	Barley	L	Does Aspirin Extend life of Cut Flower	Part.
	Elvin	Z	How do Artificial Sweetness	Part.