

Welcome to the Clarksville/Montgomery County Science Fair March 20-21, 2003 APSU Armory

Sponsored by the Clarksville Department of Electricity
in conjunction with
Austin Peay State University
Montgomery County Board of Education

You will be viewing approximately 425 individual student projects from the Montgomery County, St. Mary's, and the Fort Campbell school systems in grades K-12. The participants were chosen by their individual schools, and in many cases they represent the winners in local school science fairs. Students in grades K-8 compete by grade level; high school (grades 9-12) students compete by project category.

In these projects students have utilized the scientific method to solve or prove a specific research problem. The scientific method includes the observation of a problem or question and organized experimentation to answer the question or solve the problem. Through this process students utilize and develop higher-level thinking skills.

Schedule of Activities

Project Setup	Thursday, March 20 from 3:00 - 6:00 pm	APSU Armory
Judging	Friday, March 21 from 8:00 am - 3:00 pm	APSU Armory
Public viewing	Friday, March 21 from 3:00 pm - 6:00 pm	APSU Armory
Awards Ceremony	Friday, March 21 at 6:30 p.m.	Dunn Center
Exhibit removal	Friday, March 21 at 6:00 pm or after Awards Ceremony	APSU Armory

Judging and Awards

Judges for the fair are Austin Peay State University faculty, upper level students, and local industry representatives. As deemed appropriate by the judges, ribbons will be given in each category for 1st, 2nd, and 3rd places and honorable mention.

The Clarksville Department of Electricity will give the following awards in each category

1st place	\$100 savings bond
2 nd place	\$75 savings bond
3rd place	\$50 savings bond

The Clarksville Department of Electricity will also award T-shirts to each participant. A T-shirt design contest was sponsored by Senator Rosalind Kurita and was won by Malissa Mullin from Northeast High. Senator Kurita will also sponsor a school trophy for the elementary, middle and high school with the most winners. A point system will be used to determine the winner with 1st place getting 3 points, 2nd place getting 2 points, and 3rd place getting 1 point.

Award	Exhibit #	Grade	First Name	Last Name	Project Title	School	Teacher
1st	002	K	Bonnie	Jones	Bubble Gum Flavor Time Test	Barksdale	Reece
2nd	022	K	Cody	Gammons	Little Sprout	Liberty	Masters
3rd	018	K	Hunter	Kelley	Static Electricity – It's Shocking	Kenwood	Bric
HM	011	K	Cara	Carr	Birdie Hiding	East Montgomery	Wyatt
HM	014	K	Dylan	Myers	The Nesquik vs. Ovaltine Taste Test	Glenellen	Roberts
HM	023	K	Jonathan	Day	Wash My Hands?	Liberty	Cook
HM	034	K	Rachel	Wilson	Sink or Swim?	Norman Smith	Fishel
HM	044	K	Eliot	Fordham	Diaper Dilemma	St. Bethlehem	Lyons
	003	K	Hannah	Collins	How Much Will It Weigh?	Barksdale	Hanley
	004	K	Rodney	Hampton	Longer Lasting Gum	Byrns Darden	Contos
	005	K	Rhea	Rannie		Byrns Darden	Johnson
	006	K	Kyle	Lafferty	Fries Wise	Cumberland Heights	Ross
	007	K	Alex	Hamlet	Wheel Power	Cumberland Heights	Ross
	008	K	Dalton	Eatherly	Effects of Liquids and Colors	Cumberland Heights	Borske
	009	K	Colter	Dixon	Can You Feel the Difference?	East Montgomery	Wyatt
	010	K	Brayden	Batson	Water – We Doing to Our Water?	East Montgomery	Nash
	012	K	Katie	Robards	Savor the Flavor	Glenellen	Bryant
	013	K	Ryan	Raney	Half and Half?	Glenellen	Seay
	016	K	Alyssa	Garber	I Miss My Plant	Hazelwood	Kean
	017	K	Alyssa	Hunter	Sugar Surprise	Hazelwood	Goode
	019	K	Kaylee	Lovett	M & M Colors: Are They the Same or Different?	Kenwood	Bric
	020	K	Katherine	Stewart	World of Colors	Kenwood	Stewart
	021	K	Devon	Collins	Suds or Duds?	Liberty	Straka
	024	K	Katelyn	Fouse	Some Like it HOT!	Lincoln	Hufford
	025	K	Kisuan	Harris	Keep Me Cool!	Lincoln	Hufford
	026	K	Oliva	Checkley	Junkyard Sailboat	Lincoln	Cook
	027	K	Alex	Strecker	Will It Float?	Lucas	Hudson
	028	K	Christopher	Hyde	How Fossils Are Made	Lucas	Hudson
	030	K	Reginald	Holland	Up, Up and Away	Minglewood	Finney
	031	K	Eric	Hummell	Funny Bubbles	Minglewood	Hancock
	033	K	Evan	Williams	All Washed Out	Montgomery Central	Hendricks
	035	K	Dalton	Leavell	Who's More Afraid of Snakes – Boys or Girls	Norman Smith	Fishel
	036	K	Nolen	Milton	Grand Slam	Norman Smith	
	037	K	Jachob	Wiedeburg	Not a Pretty Penny	Ringgold	Harris
	038	K	Breanne	Chambers	Does Size Matter?	Ringgold	Palmer

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	040	K	Matthew	Gaydos	Why Should I Wear a Heavy Coat When It Is Cold Outside?	Sango	Daggett
	041	K	Connor	Darland	Time of My Light	Sango	Callender
	042	K	Blake	Atkins	Balloon Car	Sango	Callender
	043	K	Sam	Johnson	Water Solutions	St. Bethlehem	Beech
	045	K	Brooke	Schauer	Popping Popcorn	St. Bethlehem	Lyons
	046	K	Bailey	Willis	A Snowball's Best Friend	Woodlawn	Travers
	047	K	Tiffany	McDunn	Static Magic	Woodlawn	Burkhart
	048	K	Tess	McDunn	Sound	Woodlawn	Law
1st	130	1	Alan	D'Alessandro	The Blended Frog	Lucas	Grizzard
2 nd	121	1	Nicholas	Kelley	They're Eating Like Cats and Dogs	Kenwood	
3 ^d	129	1	Madeline	Lancaster	Rat vs. Mouse	Lucas	Grizzard
HM	114	1	Blake	Bradley	Dancing Raisins	Glenellen	McElya
HM	143	1	Alaina	Morgan	Peanut Butter Stuck on My Nose	Northeast	Neely
HM	151	1	Shane	Cardwell	Antifreezing	St. Bethlehem	Sanders
	101	1	Jordan	Drake	Family Fingerprints	Barksdale	Black
	102	1	Matthew	Greenwood	Queen City Rocket Race	Barksdale	Davidson
	104	1	Dalton	Kerns	Which Gum Flavor Lasts the Longest?	Byrns Darden	Mann
	105	1	Mandy	Greenhill	Colors	Byrns Darden	Wall
	107	1	Joshua	Rye	Snowy Water	Cumberland Heights	Buck
	108	1	Colton	Eatherly	"Ce" Real Iron	Cumberland Heights	Ashley
	109	1	Jereka	Rogers	Nothing to Sneeze At	Cumberland Heights	Buck
	110	1	Marlee	Jarrett	Smellers the Fellar	East Montgomery	Fields
	111	1	Daniel	Trent	Melt Down	East Montgomery	Fields
	112	1	Amber	Colvin	Fallen Leaves	East Montgomery	Neblett
	113	1	Karlee	Kimmell	Does It Float	Glenellen	McElya
	115	1	Makenzie	King	Wash Out: Detecting How Waves Affect a Beach	Glenellen	Griffin
	116	1	Nyssa	Warner	The Colors of the Rainbow	Hazelwood	Shoulders
	117	1	Hanna	Suqi	Bulding Bridges	Hazelwood	Patterson
	118	1	Monica	Paulk	What is in the Sky?	Jackson	Hoff
	119	1	Meg	Davidson	Tooth Tint	Jackson	Bagatini
	120	1	Madison	Haupt	Can You Beat An Egg by Holding More Weight?	Jackson	Johansen
	122	1	Gail	Caylor	Where Will the Pennies Land?	Kenwood	Hicks
	123	1	Rachel	Bisgaard	Fluity Froaty	Liberty	Turner
	124	1	Taylor	Deacon	Paper Airplane Rudder Design	Liberty	Bailey

Award	Exhibit #	Grade	First Name	Last Name	Project Title	School	Teacher
	125	1	Anthony	Sabatino	Which Detergent Washes Out Oil the Best	Liberty	Bailey
	126	1	Donovan	Beckford	Can It Grow?	Lincoln	Cantrell
	128	1	Taylor	Helton	Paints to the Test	Lucas	Grizzard
	132	1	Sydney	Wilson	The Telescope – How It Works	Minglewood	Chancellor
	133	1	Codie	Kunstman	Earthquake	Montgomery Central	Wall
	134	1	Leah	Grubb	The Life of Frosty	Montgomery Central	Corley
	135	1	Mary Beth	Cook	Molded Bread	Moore	Pugh
	136	1	Carly	Taylor	Magic Star	Moore	Vaughn
	137	1	Ben	Bleyle	Rockin Raisins	Moore	Stokes
	138	1	Quentin	Hammer	Are You a Conductor	Norman Smith	Willis
	139	1	Kaitlyn	Koloski	Wash Those Hands	Norman Smith	
	140	1	Cierra	Adams	Which Water Works Wonders?	Norman Smith	Willis
	141	1	Kelsie	Miskowiec	Flower Power	Northeast	Schreiber
	142	1	Katherine	Mimms	I'm Bouncy	Northeast	Ramsey
	144	1	Melissa	Jusino	Come on – Suck It All Up!	Ringgold	Silvers
	145	1	Jerome	Heath	Chemical Pressure	Ringgold	Rosa
	146	1	Katie	Smith	Sliding Down	Sango	Harrison
	148	1	Sam	Irwin	Can You Really Burn Calories?	Sango	Harrison
	149	1	Isaac	Welfare	Poppin' Popcorn	St. Bethlehem	Burke
	150	1	Elizabeth	Ott	Do Lightbulbs Give Off Different Amounts of Heat?	St. Bethlehem	Petty
	152	1	Sean	Hosey	The Ups and Down of Flight	St. Mary's	Miller
	153	1	Gina	Schwegmann	Bubble Fun	St. Mary's	Miller
	154	1	Teresa	Groton	What Floats?	St. Mary's	Miller
	155	1	Bryant	Hamby	Heat Insulators	Woodlawn	Martinez
	156	1	Allison	Parker	Get the Point?	Woodlawn	Blackburn
	157	1	Ethan	Butts	I Lost My Marbles	Woodlawn	Blackburn
1st	252	2	Kyle	Taylor	Clean Water	St. Bethlehem	Roberts
2 nd	219	2	Cole	Leach	Where Does Rain Come From?	Jackson	Young
3 rd	222	2	Nicholas	Humphreys	Creatures of the Dirt	Kenwood	
HM	235	2	Joshua	Rees	Right Side Up or Upside Down	Montgomery Central	Vertrees
HM	204	2	Autumn	Douthitt	Magnetic Power	Byrns Darden	Randall
HM	257	2	Bobby	Block	Keeping Germs	St. Mary's	Gillette
HM	202	2	Caitlyn	Koebler	Flower Power	Barksdale	Shaw
	201	2	Joanna	Patmore	Tick, Toc, How Long to Pop	Barksdale	Davis

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	205	2	Matthew	Harrier	We Move Salt from Water	Byrns Darden	Randall
	206	2	Shantoya	Lee	Keeping Warm	Byrns Darden	Randall
	207	2	Karen	Carpenter	Burn Those Candles Down!!	Cumberland Heights	Corlew
	208	2	Margaret	Perez	Do Your Eyes Deceive Your Tastebuds?	Cumberland Heights	Neal
	209	2	Amanda	Hamlet	Burning Hot	Cumberland Heights	Neal
	210	2	Bailey	McMahon	Got Sick! Need Sprite!	East Montgomery	Batson
	211	2	Morgan	Schnettage	The Case of the Mixed Up Tastes	East Montgomery	Evans
	212	2	Jonathan	Gilbert	Magnetism	Glenellen	Fitch
	213	2	David	Sahms	This Is For the Birds	Glenellen	Fitch
	214	2	Jessica	Collins	Refraction of Light	Glenellen	Bland
	215	2	Jennifer	Card	Yucky – Vegetables	Hazelwood	Faulk
	216	2	Leann	Demorest	Melting Ice	Hazelwood	Sikes
	217	2	Trevahn	Ruffin	Does Air Space Take Up Space	Hazelwood	Crowson
	218	2	Daniel	Rounds	Popcorn Science	Jackson	Young
	220	2	Mac	Davidson	Icebergs, Is There More Than the Eye Can See?	Jackson	Johnson
	221	2	Jonathan	Bidwell	Does Frozen Seeds Grow?	Kenwood	O'Bryant
	223	2	Layla	Finley	Electromagnetism	Kenwood	Grinstead
	224	2	Garrett	Thompson	Magnetic Force	Liberty	Sanders
	225	2	Edward	Day	Pickle Problem	Liberty	Carter
	226	2	Taylor	Hutson	How Much Water do Plants Need?	Liberty	Harris
	227	2	David	Wilkerson III	Got Milk?	Lincoln	Willis
	229	2	Taylor	DeMarre	Popcorn Hunt	Lucas	Bell
	230	2	Jonathan	Youngblood	The Secret of the Ooze	Lucas	Murtha
	231	2	Jordan	Mumma	Colorful Cabbage	Lucas	Murtha
	233	2	Robert	Sellmer	Chewing Gum	Minglewood	Woollen
	234	2	Brianna	Pittman	The Speed of Flame	Minglewood	Campbell
	236	2	Landon	Powell	Electro "Lights"	Montgomery Central	Habersetzer
	237	2	Caroline	Welsh	It's Crystal Clear	Montgomery Central	Habersetzer
	238	2	Samuel	Emerson	Un-mixing It Up	Moore	Burrows
	239	2	Tyus	Berry	The Best Paper Towel	Moore	Potts
	240	2	KayCee	Lindberg	Popping	Norman Smith	Sturgill
	241	2	Patrick	Sandstrom	Washing Pennies	Norman Smith	Koewler
	242	2	Jordanelise	Harris	Colorful Candy	Norman Smith	Martin
	243	2	Benjamin	Mimms	Magnet Power	Northeast	Vega
	244	2	Rebecca	Mitchell	The Real Deal	Northeast	Dominique

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	245	2	Kenneth	Berdiel	What Makes It Erupt?	Northeast	Skau
	246	2	Stephanie	Mellar	Salty Flowers?	Ringgold	Jones
	247	2	Ashley	Owens	He's Wet	Ringgold	Hickman
	248	2	Zavier	Atkins	Bad Apples	Ringgold	Hickman
	249	2	Analena	Boehms	How Dry I Am	Sango	Page
	250	2	Grace	O'Day	Batteries Not Included	Sango	Krantz
	251	2	Samantha	Gotcher	Flowers and Water	Sango	Krantz
	253	2	Destiny	Campbell	Salt From Water . . .hum	St. Bethlehem	Roberts
	255	2	Jacob	Bailey	Popped Popcorn	St. Mary's	Gillette
	258	2	Hannah	Burkhart	You Light Up My Life	Woodlawn	Ezell
	259	2	Brandi	Phillips	Let's Stick Together	Woodlawn	Ezell
	260	2	Kelsey	Conrad	Storage Wraps: Which One Locks in Freshness?	Woodlawn	Cecil
1st	357	3	Shannon	Murtha	Burning Energy	Woodlawn	Davenport
2 nd	310	3	Robert	Grigsby	That's the Way the Ball Bounces	East Montgomery	Holt
3 rd	317	3	Samantha	Irizarry	What a Drip!	Hazelwood	King
HM	318	3	Adriana	Larsen	One Bad Banana	Hazelwood	Stephenson
HM	349	3	Thomas	Kail	A Simple Machine	Sango	Beavers
HM	315	3	Wade	Watson	Baby Its Cold Outside	Glenellen	Menard
HM	324	3	Dylan	Pounds	Teeth Beware	Liberty	Kirkland
	301	3	Silas	Butler	Antibiotics vs. Herbal Remedies	Barksdale	Adams
	302	3	Dalton	Beach	Mega Margarine Meltdown	Barksdale	McByrant
	307	3	Ryan	Taylor	Folded Flyers	Cumberland Heights	Parchman
	308	3	Courtney	Dodson	Inflatable Balloon	Cumberland Heights	Parchman
	311	3	Lauren	Maki	Got Nice Teeth?	East Montgomery	Schaffer
	313	3	Chandler	Cooper	There's a Fungus Among Us	Glenellen	Menard
	316	3	Thomas	Hart	Static Cling	Hazelwood	Green
	319	3	Chris	Lamoureux	Cola vs. the Human Tooth	Jackson	Garnett
	321	3	Devin	Tricker	Reaction	Jackson	Lee
	322	3	Daniel	Fournier	What is Gravitational Acceleration	Kenwood	Harris
	323	3	Blake	Golden	Does Fire Need Oxygen to Burn?	Kenwood	Bogle
	325	3	Laura	Horton	Cross Pollination Experimentation	Liberty	Castleberry
	326	3	Taylor	Mitchell	Are Your Clothes Really Clean	Lincoln	Manker
	327	3	Justin	Nieto	Metal in My Cereal?	Lucas	Barlow
	328	3	Jarrett	Battistini	Chromatography	Lucas	Barlow

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	329	3	Sonjay	Baker	How's My Weight	Lucas	
	330	3	Blake	Roberts	Thirsty Plants	Minglewood	Manley
	331	3	Jenna	Pennington	No Business Like Snow Business!	Minglewood	Acosta
	332	3	Caleb	Cruz	Vegetable Dyes	Minglewood	Acosta
	333	3	Austin	Wills	Who's Watching Me	Montgomery Central	Fabor
	334	3	Lucas	Bearden	Soak It Up!	Montgomery Central	Fabor
	335	3	Connor	Thomas	Warming Up	Montgomery Central	Fabor
	336	3	Christin	Simpson	Water Evaporation	Moore	Klosterman
	337	3	Cullen	Herrington	Feed the Seed	Moore	Carnagey
	338	3	Elizabeth	Olson	Dissolving Medicines	Moore	Carnagey
	339	3	Danielle	Bergman	Stain Stoppers	Norman Smith	Adams
	340	3	Aaron	Fischer	Trebucher	Norman Smith	Adams
	341	3	Kimberly	Turner	Hot Beans	Norman Smith	
	342	3	Megan	Thompson	Fun With a Fungus	Northeast	Catley
	343	3	Amber	Nash	Sprouting Beans	Northeast	Payne
	345	3	Brianna	Longo	In With the New and Out With the Mold	Ringgold	Thompson
	346	3	Annika	Jusino	The Chill Factor	Ringgold	Vandiver
	347	3	Mariah	Beane	Sticking Power	Ringgold	McMahan
	348	3	Lauren	Stanley	Power to the Paper	Sango	Whisenant
	350	3	Blair	Drum	Is Toasting Tastier?	Sango	Dennings
	351	3	Mike	Francis	Find the Strongest Paper	St. Bethlehem	Branch
	352	3	Shannon	Muller	Disolving Goods	St. Bethlehem	Smith
	354	3	Luke	Bagget	Bridges Over Troubled Waters	St. Mary's	Justice
	355	3	Meghan	Martin	Which Ball Bounces Best?	St. Mary's	Justice
	356	3	Brendan	Miracle	Salts That Melt Ice and Snow	St. Mary's	Justice
	359	3	Thomas	Thornton	Hot Coffee	Woodlawn	Davenport
1st	418	4	Austen	Suqi	Too Hot to Handle – Comparing How Metals Conduct Heat	Hazelwood	Roderick
2 nd	458	4	Rhea	Reynolds	Liquefaction Action	Woodlawn	Litchfield
3 rd	442	4	Jeremiah	Reed	Mucky Mouth	Northeast	Smith
HM	417	4	Daejane	Ruffin	A Worm Knows Without a Nose	Hazelwood	Cobb
HM	434	4	Casey	Williams	The Fat Facts	Montgomery Central	Venczel
HM	421	4	Patrick	Rounds	Sud Sailing Ship	Jackson	Banaszak
	401	4	Hank	Koebler	Acid or Base: What's Your Taste	Barksdale	McQueen
	402	4	Katie	Wells	I Scream, You Scream, Because We Lost Our Ice	Barksdale	Shelby

Award	Exhibit #	Grade	First Name	Last Name	Project Title	School	Teacher
					Because We Lost Our Ice Cream		
	403	4	Matt	Denney	Cleansing Power	Barksdale	Hodges
	404	4	Courtney	Clark	"Salt" Not Just a Seasoning	Byrns Darden	Prudhomme
	405	4	Danielle	Hector	How to Get a Brighter Smile	Byrns Darden	Hollis
	407	4	Alyssa	Hamlet	Dog Gone Hearts	Cumberland Heights	Hernle
	408	4	Paige	Delvendahl	I'm Going Bananas!	Cumberland Heights	Webb
	409	4	Dustin	Nall	Want a Pretty Green Yard Fast?	Cumberland Heights	Perry
	412	4	Paul	Wofford	Heartburn? Which Antacid Should I Use?	East Montgomery	Mickle
	413	4	Katie	Myers	Summer Hair – Do You Dare?	Glenellen	Morris
	414	4	Jennifer	Dowdy	Caught Ya	Glenellen	Morris
	415	4	Vanessa	Devlin	The Yeast Beast	Glenellen	Thomas
	416	4	Colbey	Warfield	All Paws Applaud	Hazelwood	Lambert
	419	4	Taylor	Kehoe	Who's Full of Hot Air?	Jackson	Goll
	420	4	Meagen	Dunleavy	Are You Being Soaked?	Jackson	Banaszak
	422	4	Leandra	Milton	Vinegar + Baking Soda = CO ₂	Kenwood	Hargrove
	423	4	Jacob	Sink	Bag-O-Knowledge	Kenwood	Hargrove
	424	4	Andrew	Harris	Cookie Cooking	Kenwood	Alford
	425	4	Ethan	Bisgaard	Cookie Time	Liberty	McCuiston
	426	4	Mario	Chavez-Rivas	Who's Got the Power	Liberty	Meeks
	427	4	Travis	Nelson	Do Plants Grow Better in Soil or Water?	Liberty	Harris
	428	4	Dakota	Deno	Iron Finder	Lincoln	Hall
	429	4	Daniel	Arvelo	Fire and Flames	Lucas	Bates
	430	4	Chelsea	Anderson	Quest for the Center	Minglewood	Blackwell
	431	4	Desiree	Porter	Which Felt-tip Marker Releases the Most Color	Minglewood	Patterson
	432	4	Crystal	Cuevas	The Bubble Answer	Minglewood	Patterson
	433	4	Emilly	Sehi	Reaction Action	Montgomery Central	Venczel
	436	4	Amanda	Bradshaw	Which Nail Will Rust the Most?	Moore	Conner
	437	4	Lauren	Williams	The Big Freeze	Moore	Conner
	438	4	Michael	Pugh	What Do You C	Moore	Conner
	439	4	Tracey	Stremming	How Can We Stop Germ Matter?	Norman Smith	Waddle
	440	4	Nick	Koloski	JuicyO	Norman Smith	Waddle
	443	4	Anthony	Manker	You Are . . .The Strongest Bridge!	Northeast	Tucker
	445	4	Nina	Alvarez	Battery Power	Ringgold	Gordon
	446	4	Allegra	Barnes	Apple Seeds	Ringgold	Kirkman
	447	4	Alexander	Mellar	Acid Attack	Ringgold	Butler

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	448	4	Patrick	Grady	A Sticky Situation	Sango	Henry
	449	4	Wesley	Parsons	Keep Cool	Sango	Morris
	450	4	Chandler	Mitchell	For Less Stain Try Gain	Sango	Henry
	451	4	Zack	North	Vitamin Test	St. Bethlehem	Spurgeon
	452	4	Kirsty	Moore	Bacteria War	St. Bethlehem	Beals
	453	4	Jason	Giaffo	Thirsty Plants	St. Bethlehem	Spurgeon
	454	4	Nicholas	Roberts	Does Weight Matter	St. Mary's	Miracle
	455	4	Rachael	Massey	I'm Dyeing with Color	St. Mary's	Miracle
	456	4	Joshua	Robertson	Fizz Whiz	St. Mary's	Miracle
	457	4	Cody	Hambrecht	Bridge Power	Woodlawn	Litchfield
1st	515	5	Hunter	Hammock	Is It a Miracle or Not?	Cumberland Heights	Meek
2 nd	536	5	Trey	Bearden	Warm Goves	Montgomery Central	Bricen
3 rd	522	5	Ray	Ruffin	Video Games With a Beat	Hazelwood	Oden
HM	529	5	Jacob	Horsman	A Smashing Experiment	Lucas	Jackson
HM	531	5	Ryan	McDowell	Pollution Is in Your Air . . . Let Me Tell You Where!	Lucas	Jackson
	501	5	Emily	Russell	Pulley Power	Barksdale	Crossan
	502	5	Patrick	Wells	The Power Within	Barksdale	Davis
	503	5	Scott	Graves	Patriotic Magic	Barksdale	Crossan
	504	5	Adam	Lancaster	Elemontricity	Burt/Bryns Darden	Evans
	505	5	Chris	Dameron	What Liquid Dissolves Asperin Faster?	Burt/Byrns Darden	Chapman
	506	5	Erika	Ackerman	Clear Ice Cubes	Burt/Byrns Darden	Evans
	507	5	Amber	Lohrbach	Different Depths	Burt/Kenwood	Brengel
	508	5	Rebecca	Kofron	Are You Nutty Buddy?	Burt/Kenwood	Shank
	509	5	Nicolas	Blackwell	It Keeps Going and Going	Burt/Kenwood	Evans
	510	5	Mega	Thornton	Do Weed Killers Affect Houseplants?	Burt/Liberty	Evans
	511	5	Kassandra	Ketchum	How Fast do Fabrics Burn	Burt/Liberty	Evans
	512	5	Shawn	Noble	A Magnetic Situation	Burt/Liberty	Shank
	513	5	Carla	Smith	Raindrops Keep Falling on My Leaves	Cumberland Heights	Meek
	514	5	Chris	Hayes	Dice Ice	Cumberland Heights	Meek
	516	5	Charles	Holcomb	Heat and Evaporation	East Montgomery	Bagwell
	517	5	Jillianne	Winters	Ice Ice Baby	East Montgomery	Hoover
	518	5	Caroline	Winters	Drip Off or Rip Off	East Montgomery	Bagwell
	520	5	Madison	Callaway	Two Colored Flower	Glenellen	Blackard
	521	5	Dustin	Hunter	A Shocking Conclusion	Hazelwood	Carpenter
	523	5	Matthew	Santiago	Dogs Choose Too	Hazelwood	Bozard

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	524	5	Gregory	Cooper	Don't Forget About Me!	Jackson	Nelson
	525	5	Jessica	Ridley	Bubble Trouble	Jackson	Norris
	526	5	Tyler	Patterson	Baffled By Bernoulli	Jackson	Norris
	527	5	Tyler	Brummand	Bottled Balloons	Lincoln	Graves
	528	5	D'Esta	Kissell	Making Suspensions and Solutions!	Lincoln	Clough
	532	5	Andrew	Fitzgerald	Clean that Carpet	Minglewood	Laemmel
	533	5	Amanda	Blankenship	What Material Works Best As a Parachute?	Minglewood	Laemmel
	534	5	Caitlyn	Pennington	Printing Image	Minglewood	Santos
	535	5	Lexy	Batey	Centsible Suds	Montgomery Central	Bricen
	537	5	Erick	Arms	To Hot to Handle	Montgomery Central	Bricen
	538	5	Brittney	Bleyle	Are Birds Color-Blind?	Moore	Hines
	539	5	Chris	Bryant	Electricity Lights the World	Moore	Roberts
	540	5	Cady	Gresham	An Easy Pill to Swallow	Moore	Roberts
	541	5	Dean	Bergman	Fruit Forensics	Norman Smith	
	542	5	Cassie	Watson	Keep on Roling!	Norman Smith	Gregory
	543	5	Jesse	Harris	Vitamin C for You and Me	Norman Smith	Gregory
	544	5	Kayla	Phillips	Is Seeing Believing	Northeast	Smith
	545	5	Daniel	Ochoa	Charge'em Up!	Northeast	Bashore
	546	5	Brennan	Larsen	Moisture "Magic"!	Northeast	Staggs
	547	5	Kyle	Tetley	Operation Green Thumb	Ringgold	Sorensen
	548	5	Jessica	Trotter	Wilting Away	Ringgold	Sorensen
	549	5	Amanda	Murauskas	Evaporation	Ringgold	Sorensen
	550	5	Scott	Gavin	To Rust or Not to Rust	Sango	Holt
	551	5	Robert	Waite	Cool Clothes	Sango	Schrecker
	552	5	Rachel	Schwallie	Melt Down	Sango	Crozier
	553	5	Amber	Armistead	Bubble Bath Blast	St. Bethlehem	Capps
	555	5	Kayla	White	Full of Hot Air	St. Bethlehem	Pope
	556	5	Samantha	Bailey	Growing with Gravity	St. Mary's	Anderson
	557	5	Chloe	Powell	Is the Bunny Worth the Money	St. Mary's	Anderson
	558	5	Jarrett	Brookhouser	Does Air Have Weight?	Woodlawn	Parker
	559	5	Coty	Richie	Hot Stuff	Woodlawn	DePace
	560	5	Wesley	Caldwell	Which Cat Litter Will Be the Winner?	Woodlawn	Johnson
1st	619	6	Casandra	Ceri	Boot Scootin' Mice	St. Mary's	Wiggins
2 nd	604	6	Holly	Batey	Chill Factor	Montgomery Central	Taylor
3 rd	620	6	Laura	Martin	Does Sight Affect Taste?	St. Mary's	Wiggins

Award	Exhibit #	Grade	First Name	Last Name	Project Title	School	Teacher
HM	607	6	Caleb	Ragsdale	The Heat Is On	New Providence	Richard
	601	6	Graceon	Rippy	Which Lotion Is the Magic Soft Skin Potion	Kenwood Middle	Sigears
	602	6	Courteny	Watson	I'm a Radish, You're a Radish, Be a Radish, Too	Kenwood Middle	Butson
	603	6	Hannah	Baggett	Chip Energy	Montgomery Central	Taylor
	605	6	Lacey	Groves	Teeth to Dye For!	Montgomery Central	Taylor
	606	6	Jennifer	Baldwin	Slip Slidin Away	New Providence	Richard
	608	6	Matthew	Gray	The Water Split	New Providence	Richard
	609	6	Chelsea	Larsen	"Germ"assic Park	Northeast Middle	Nadeau
	610	6	Brianca	Williams	The Bacteria Blues	Northeast Middle	Nadeau
	611	6	Megan	Nash	Fastest Fertilizer	Northeast Middle	Nadeau
	612	6	Bettye	Buchanan	The Darker the Hotter	Richview Middle	Stanfill
	613	6	Brandi	Goodman	Time For Hives	Richview Middle	Stanfill
	614	6	Catie	Summers	The Lord of Weather: the 3 Forecasts	Richview Middle	Stanfill
	615	6	Michael	Batey	Antifreeze	Rossvie Middle	Chadwick
	616	6	Thomas	Burks	Why Fall Colors?	Rossvie Middle	Chadwick
	617	6	Brittany	Austin	Infoamation About Our Water	Rossvie Middle	Butler
	618	6	Andreas	Bunyor	Just Draining Away	St. Mary's	Wiggins
	621	6	Lucas	Robards	Savor the Flavor	Kenwood Middle	Street
1st	711	7	Zach	Demas	Shake, Rattle, and Roll	Northeast Middle	Gibbs
2 nd	708	7	Josh	Switzer	A Miracle Choice	New Providence	Draper
3 rd	714	7	Ashley	Francis	More Feed In Cold or Warm Weather?	Richview Middle	Meloan
HM	701	7	Eric	Papadinec	Friction, It's Slowing Me Down	Kenwood Middle	Harter
	702	7	Chelsea	Reed	More Juice Please	Kenwood Middle	Harter
	703	7	Brett	Lohrbach	Which Will Rust Faster?	Kenwood Middle	Harter
	705	7	Jon	Threatt	The Fastest Antacid	Montgomery Central	Valenti
	706	7	Chelsea	Swift	Crystal Clear	Montgomery Central	Valenti
	707	7	Laura	Cooper	Apple, Egg, and Baby Carrot Bobbing	New Providence	Draper
	709	7	Zachary	Burkhart	Light Fight	New Providence	Garrett
	710	7	Ryan	Sprinkle	Is Your Vitamin Working?	Northeast Middle	Larsen
	712	7	Andrienne	Titanski	Paper Capers	Northeast Middle	Gibbs
	713	7	Brad	Weakley	Needin' Hannies	Richview Middle	Griffin
	715	7	Daniel	Meloan	Ground Breaker	Richview Middle	Griffin
	716	7	Mary Alice	Patton	Hydroelectric Power	Rossvie Middle	Griggs
	717	7	Katherine	Rearick	Are Your Office Supplies in Tune?	Rossvie Middle	Holt

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1st	813	8	Kirsten	Bendt	Which Bridge Design Will Support the Most Weight?	Richview Middle	Neblett
2 nd	815	8	Enoch	Hill	Where's the Beep?	Richview Middle	Neblett
3 rd	811	8	Lee	Reddish	Proving a Point	Northeast Middle	Wheeler
HM	805	8	Jodi	Hunt	Stuck Up	Montgomery Central	Shaw
HM	802	8	Suzi	Hwang	In the Dark	Kenwood Middle	Maize
	801	8	Kimberly	Monge	Take A Closer Look	Kenwood Middle	Emerson
	803	8	Maara	Lane	It's Found Crystal Clear, But Is It Better Blue?	Kenwood Middle	Maize
	804	8	Mark	Pierce	Parallel Circuits?	Montgomery Central	Shaw
	806	8	Ashely	Thompson	Hidden Colors	Montgomery Central	Shaw
	807	8	Adam	Travis	It's Not Your Ordinary Rain	New Providence	Deason
	808	8	Ashley	Cothren	Burn Baby Burn!	New Providence	Nolan
	809	8	Vanessa	Huntley	Freezing Pipes	New Providence	Nolan
	810	8	Kathleen	Hauther	Charge It	Northeast Middle	Campos
	812	8	Cory	Schroer	Soil Erosion and Its Effects	Northeast Middle	Campos
	814	8	Daniel	Martin	My School Has Culture	Richview Middle	Crawford
	816	8	Brad	Batey	Keeping Warm	Rossvie Middle	Heflin
	817	8	Michael	Burks	Liquid Revitalizer	Rossvie Middle	McWhirter
1st	904	Botany	Zachary	Parker	Symbiosis Between Night Crawlers and Yucca Tip Plants	Montgomery Central	Celusta
2 nd	907	Botany	Terry	Coleman	Effect of Salt Concentration on Brassica rapida	Northwest	Cooper
3 rd	905	Botany	Nathaniel	Couch	Effects of Carbon Dioxide on Plant Growth	Northeast	Gray
	901	Botany	Jessica	Stewart	Do Plants Have Feelings?	Clarksville	DeWein
	902	Botany	Tabitha	Randolph	Does Rain Water Provide Nutrients for Plants	Clarksville	DeWein
	903	Botany	Alana	McLeroy	Popcorn Poppin' on the Apricot Tree	Clarksville	DeWein
	906	Botany	Chanda	Lammers	The Grass Meow	Northeast	Gray
	908	Botany	Ashley	Rose	How Does Music Affect Plant Growth?	Northwest	Douglas
	909	Botany	William	Brown	The Effect of Light Color on the Rate of Photosynthesis	Northwest	Cooper
	910	Botany	Katie	Cottrell	Growth Spurts	Rossvie	Dager
1st	1013	Chemistry	Whitney	Carver	What's in Your Water	Rossvie	Dager
2 nd	1011	Chemistry	William	Newell	The Evolution of E. Coli in Response to Erythromycin and Streptomycin	Northwest	Cooper
3 rd	1004	Chemistry	Jonathan	Arms	Conductive to Corrosion	Montgomery Central	Celusta
	1001	Chemistry	Jill	Crosby	With Nerves as Steady as a Chemical Bond	Clarksville	DeWein

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	1002	Chemistry	Megan	Yingling	Hot, Hotter, Hottest	Clarksville	DeWein
	1003	Chemistry	Kristin	Stuard	Why Does Material Shrink?	Clarksville	DeWein
	1005	Chemistry	Dustin	Robinson	Rate of Diffusion of Natural Dyes	Montgomery Central	Celusta
	1006	Chemistry	Maria	Hayes	A Comparison of Rate of Diffusion	Montgomery Central	Celusta
	1007	Chemistry	Christine	Hauther	Coca Cola: Cool! Crisp! Corrosive?	Northeast	Gray
	1008	Chemistry	Jessica	Henry	Effect of pH on Temperature	Northeast	Gray
	1009	Chemistry	Jason	Kinnard	Freezing of Acids and Bases	Northeast	Gray
	1010	Chemistry	James	Howard	Acidity and the Effect on Iron Corrosion	Northwest	Cooper
	1012	Chemistry	Jacqueline	Brooks	Oral pH	Northwest	Douglas
1st	1105	Earth & Space	Amber	Weinberg	Phototaxis vs. Chemotaxis in Physarum	Northwest	Cooper
2 nd	1104	Earth & Space	Karla	Duffy	Earthworm Habitat Based on Decaying Matter	Northwest	Cooper
3 rd	1103	Earth & Space	Casey	Yarbrough	You're All Wet	Montgomery Central	Celusta
HM	1106	Earth & Space	Candace	Seal	Will Antacids Counteract the III Effects of Acid Rain in Plants	Northwest	Douglas
	1101	Earth & Space	Rebecca	Forehand	Global Warming Fears Melt Away	Clarksville	DeWein
	1102	Earth & Space	Danica	Foster	Ozone Depletion	Clarksville	DeWein
	1107	Earth and Space	Maria	Clement	The Impact of Pollution	Clarksville	DeWein
1 st	1203	Math and CS	Justin	Lynch	The Chaotic Behavior of Dripping Faucets at High Flow Rates	Northwest	Saxon
2nd	1202	Math & CS	Amy	Mann	Are We Lost?	Montgomery Central	Celusta
	1201	Math & CS	Brad	McKinstry	Deep Space Prospecting: The Advantages of Asteroid Mining	Clarksville	DeWein
1st	1307	Physics	Jose	Toro	Silica Aerogels	Northwest	Saxon
2 nd	1306	Physics	Elizabeth	Young	Tennis Ball Physics	Northwest	Saxon
3 rd	1304	Physics	Samuel Lee	Matthews	Ornithopters	Montgomery Central	Celusta
	1301	Physics	Domonique	Cobbin	Reflective Energy	Clarksville	DeWein
	1302	Physics	Daniel	Johnson	Does Air Have Weight and Take Up Space	Clarksville	DeWein
	1303	Physics	Nicole	Cavanaugh	Which One Keeps Going and Going and Going. .	Clarksville	DeWein
	1305	Physics	Lyle	Nevin	Homemade Propulsion Techniques	Montgomery Central	Celusta
1st	1401	Social Science	Christie	Watkins	An Eye for Taste	Clarksville	DeWein
2 nd	1405	Social Science	Meredith	Cordle	Under Pressure	Montgomery Central	Celusta

Award	Exhibit #	Grade	First Name	Last Name	Project Title	School	Teacher
3 rd	1407	Social Science	Andrew	Knowles	The Effect of Stimulus on Time Perception	Northwest	Saxon
HM	1406	Social Science	Natalie	Stevenson	The Effect of Color on Short Term Memory	Northwest	Cooper
	1402	Social Science	Joann	Zimmermann	The Mystery of the Growing Body	Clarksville	DeWein
	1403	Social Science	Sarah	Perry	Who Rules?	Montgomery Central	Celusta
	1404	Social Science	Keith	Parker	Think Left and Think Right	Montgomery Central	Celusta/ Brown
	1408	Social Science	Ashley	Vaughn	Personality Perception and Visual Choices	Northwest	Saxon
	1409	Social Science	Emily	St. Amant	Rainy Day Blues	Clarksville	DeWein
1st	1502	Zoology	Scott	Bearden	Intelligent Earthworms	Montgomery Central	Celusta
2 nd	1507	Zoology	Casey	Ridener	Effects of Caffeine on Heart Rate and Blood Pressure	Northwest	Cooper
3 rd	1509	Zoology	Monica	Elmore	The Effects of pH on Daphnia magna's Survival Ability and Reproduction	Northwest	Cooper
HM	1501	Zoology	Brad	Miller	Breathing Rates of Aquatic Air Breathers	Montgomery Central	Celusta
	1503	Zoology	Bryan	Bateman	Condition Affecting Bacterial Growth	Montgomery Central	Celusta
	1504	Zoology	Erika	Collins	Are They All Really the Same?	Northeast	Gray
	1505	Zoology	Malissa	Mullin	Get Rid of Them Once & For All	Northeast	Gray
	1506	Zoology	Mariah	Irvin	Effects of Cold, Darkness, and Alcohol on Yeast Development	Northeast	Gray
	1508	Zoology	Christina	Brady	Does the Changing Beat of Music Have an Effect on a Person's Blood Pressure?	Northwest	Douglas
	1510	Zoology	Tamara	Teeter	Wandering Wigglers	Rossvie	Dager

School trophies - Hazelwood Elementary and Woodlawn Elementary (tie), Richview Middle, Northwest High School