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24<sup>th</sup> Annual

Invention  
Convention

February 25th, 2016

**Featuring Inventions  
From 4th, 5th, and  
6th Grade Students**

**MIDDLE  
TENNESSEE**

STATE UNIVERSITY

**Department of Elementary  
and Special Education**

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## Schedule of Activities



### Registration

8:30—9:00 a.m.

Registration - Student Union Ballroom

### Welcome

9:15—9:30 a.m.

Dr. Tracey Huddleston, Director  
Department of Elementary and Special Education

### Judging of Final Entries

9:45—11:00 a.m.

Children should remain beside their inventions until judging is complete; parents, teachers, and guests are free to explore our campus at this time.

### Address

11:00—12:00 p.m.

Guest Speaker  
Presentation of 2016 Featured Invention  
Judge Deliberation

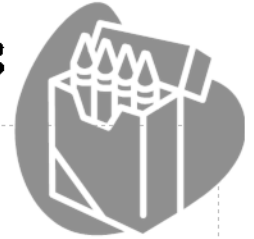
### Awards and Honors

12:00 p.m.

*Special thanks to Emily Riddle and Gracie Grimes  
for numerous hours of time and talent.  
Special Appreciation also to  
Linda Copciac and Melisa Pollock.*

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# CONGRATULATIONS TO ALL PARTICIPATING SCHOOLS



Byars Dowdy Elementary

Castle Heights Elementary

Coles Ferry Elementary

College Street Elementary

DeKalb West School

Dr. William Burruss Elementary

Eastside Elementary

Elsie D. Patton Elementary

Gladeville Elementary

Guild Elementary

Hillsboro Elementary

Knox Doss Middle  
at Drakes Creek

Lakeview Elementary

McFadden Elementary

Middle Tennessee Christian School

Mt. Juliet Elementary

New Union Elementary



Northfield Elementary

Northside Elementary

Portland West Middle

Rutland Elementary

Sam Houston Elementary

Scales Elementary

Siegel Elementary

Southside Elementary

St. Henry School

Stoner Creek Elementary

T.W. Hunter Middle

Thomas Magnet School

Tuckers Crossroads Elementary

Union STEM Elementary

W.A. Wright Elementary

Walter J. Baird Middle School

Watertown Elementary

WinFree Bryant Middle



# Make Life Easier



<p><i>The Shoemop</i> Easton Drennon</p>	<p><i>The Clean-A-Rama</i> Karson Smallwood</p>	<p><i>The Shambrush</i> Kaylee McCaslin Maddye McKenzie</p>
<p><i>Headphone Hoodie</i> Ben Purnell Trey Robey</p>	<p><i>Future Fan 3000</i> Casen Kincaid</p>	<p><i>The Super Helper</i> Levi Jones Hunter Eldridge</p>
<p><i>To Go Kit</i> Adalynn Irby Jaycee Porterfield</p>	<p><i>The Home Helper</i> Kate Adams Mariella McDonald</p>	<p><i>The Handy-Dandy Dog Walker</i> Addison Stover Nora Blevins Chaney Heath</p>
<p><i>The Comfort Belt</i> Riese Huckaby Bailey Hendrickson Erika Benitez</p>	<p><i>Sassy Chutch</i> Ayla Steinhart Kenzie Rowlett</p>	<p><i>The Trash Mash</i> Jace Gardner</p>
<p><i>Backbrella</i> Easton Spurlock Nicholas Davis Ethan Haverstick</p>	<p><i>The Remote Control TrashCan</i> Jackson Vantrease</p>	<p><i>iMergency Survival Case</i> Alex Antoniak</p>
<p><i>The Velcro Umbrella</i> Jadyn Chandler, Landen Smith, Isaac Rose, Cole Brooker, Stephen Christopherson</p>	<p><i>Pooch Pouch</i> Hadyn Riddle</p>	<p><i>Easy Cookie Sheet</i> Hailey Willis Sofia Roehler</p>
<p><i>LC's Pocket Board</i> Clara Grace Sanders Lockard Boyle</p>	<p><i>The Backenator</i> Brady Daugherty</p>	<p><i>Brush and Dry Doggie Door</i> Zachary Tidwell</p>
<p><i>The Papertowel Ripper</i> Hannah Teckenbrock, Ansley Tucker, Makaela Denson, Maggie Farell</p>	<p><i>Quick Scent</i> Tatum Bayliss Lily Dooley</p>	<p><i>Frac-Pac</i> Zachary Unkefer Phoebe Unkefer</p>
<p><i>The Helping Hand</i> Lucy Simmonsens Labree Clemmons</p>	<p><i>Desk Buddy</i> Aidan Mangold</p>	<p><i>The Aromanator</i> Abigail Crowell</p>
<p><i>The Handy Glove</i> Cate Schroer, Lily Amstutz, Erin Higgins</p>	<p><i>Floss Brush</i> Owen Maynard, Charles Baum, Dylan Frantz, Landon Melton, Jack Lane</p>	<p><i>Proof It!</i> Alex Ledford, Kaitlyn Marlow, Marisa Phanthavongsa</p>



# Make Life Easier



<p><i>The Outliner</i> Chloe Bradley, Katelyn Rodriguez</p>	<p><i>The Slicing Chef</i> Laith Al-Chokhachi Will Summers</p>	<p><i>Sponge Skates</i> Mary Faustina Bernardy</p>
<p><i>Chair Huggy</i> Ali Jones, Eva Fleckenstein, Grace Sizemore</p>	<p><i>The Slipper Wiffer</i> Madeleine Zook, Adair Scott Mary Pearson Woods, Charlotte Winkler</p>	<p>See Seat Macy Gilbert</p>
<p><i>Multi-Bands</i> Abe McGuire, Brice Njezic, Masie Owensby</p>	<p><i>Mop It</i> Kaylee Young</p>	<p><i>Bright Light</i> Vivianne Claybrook</p>
<p><i>Daily Dog Feeder</i> Karlyn McGlamery</p>	<p><i>Measuring Shovel</i> Maddox Prichard</p>	<p><i>Untangler</i> Kayla Loftus</p>
<p><i>Miracle Muffs</i> Ashlee Nuckoles</p>	<p><i>The Binder Reminder</i> Alex Bissonnette, Rachel Cromer</p>	<p><i>Leashy</i> Ella Kate Pine, Bella Agee, Daryl Mitchell</p>
<p><i>Loop It!</i> Savannah Taylor, Princess Caballes, Aftyn Cox</p>	<p><i>The Head Tie</i> Delaney Allen, Ava Bashear</p>	<p><i>BJ Pine Tar</i> John Hodge, Braden Metzgar</p>
<p><i>Gelax</i> Brooklyn Harrell</p>	<p><i>Happy Heat Pet Carrier</i> Emma Petty, Katie Floyd</p>	<p><i>Cold Watch</i> Aiden Woods, Logan Driver</p>
<p><i>Pencil Partner</i> Ellie Kate Wyatt, Shelby Bryant</p>	<p><i>The Super-Duper Divider</i> Ella Summar, Gracie Turner, Caroline Willis, Erin Gallatin</p>	<p><i>Magnetic Teacher Helper</i> Gabby Bowie, Emily Lawson</p>
<p><i>Pocket Pal</i> Britony Gill</p>	<p><i>Magic Sharpener</i> Alexa Bryant</p>	<p><i>Istrap</i> Nathan Hokanson, Connor Ivey</p>
<p><i>Lego Sorter</i> Arthur Hawkins</p>	<p><i>Thermies</i> Indiah Farris</p>	<p><i>Pocket Patch</i> Alexandria Moreno</p>
<p><i>The Ultimate Reading Light and Sunblocker</i> Grace Woods, Analia Winters, Liberty Thompson, Violet Smith, No- ah Young</p>	<p><i>The Food Slide</i> Juan Beltran, Autumn Craig, Mason Lankford, Glenda Felipe, Ruby Haggerty</p>	<p><i>MultiMark</i> Arwen K. Badua</p>
<p><i>Where's My Pencil</i> Brenay Williams</p>	<p><i>I'm a Sucker for Books</i> Mattison Ellis</p>	<p><i>Zoom Carrier</i> Aaliyah Guy</p>



# Make Life Easier



<i>The Sprinkle Shooter</i> Hannah Young	<i>Wrist Magnet</i> Hayden Garr	<i>The Foot Knob</i> Gracie Bryan
<i>Tempo Soles</i> Nikki Graham	<i>Toothpaste Straw</i> Kera Jo Marlow	<i>Shine Sheets</i> Josie Davis
<i>Hide Away Pocket</i> Rose Drowata, Emma Nolen, Reagan Creasy	Super Loofah Lila Mae Skidmore, Addison Savely, Emily Monson	<i>Grossbuster</i> Chelsea Rife, Ava Houghton
<i>Medi Magic</i> Sheridan O' Connor, Zoe Cripps	<i>Green Machine</i> Jackson Lea , Mason Tisdale, Kejon Woods, Landon Phillips, Ethan Mallas	<i>Thing-A-Majigger</i> Elijah Pope, Blake King
<i>Walk-n-Charge</i> Abby Gann, Emily Magers, Molly Burress	<i>Ocean Depths</i> Lauren Decker, Kati Beauchesne, Chloe Bertrand	<i>Pocket Animals</i> Emma Brewer, Kaitlyn Turner, Micki Temple
<i>Stand Up Cup</i> Ally Mersh, Tonie O'Claray, Madison Yahn, Abby Higgins, Layla Niazi	<i>The Phone Shader</i> Keoni Yandall, Jeremiah Earls, Seamus Black, Matt Kirby, Ben LaLance	<i>Hot Dog</i> Emma Abell, Madison Easterbrook, Samantha Quatrini, Anna Kelton , Hannah Boeger
<i>Double Twist Hanger</i> Mina Kang, Magge Markham, Kaylee Hooten, Ginny Cha, Bekah Wilson	<i>Double Sided Toothbrush</i> Olivia Hibdon, Brooklyn Burnette, Kadyn Kilbourne	<i>Project "a" Phone</i> Ellie Czajkwocki, Hannah Vandruver, Ali Hawkins, Madison Whitworth, Anna Henry
<i>JackPack</i> Maci Smotherman, Paige Nedrow, Katelyn Boykin, Amaria Gillispie	<i>The Uniform Hanger</i> Davis Booth, Jackson Greenwalt	<i>Dryer Balls</i> Stella Perazzini
<i>GLAMP</i> Lyndsey Perdue, Arianna Thacker	<i>The Sweeping Bobcat</i> Luc Oelhafen, Becker Smith, William Brackman	<i>Umbrella Suit</i> Jax Reed, Gavin McBee
AHI Homemade Cosmetics Abby Lamb, Hayden Jones, Irelyn Weaver	<i>Magnetic Board and Magnetic Shoes</i> Henry Simpson, Seth Thompson,, Jamison Norton, Alec Parsons	<i>Gamers Table</i> Jasper House, Ava Graves , Nick Elder, Elijah Smith
<i>Scrubadubin</i> Cade Hickson	<i>Kitty Clean Feet</i> Isabella Scott	<i>Gamers Gloves</i> Simon Loy, Jack Seger, Aidan Hatela
<i>E-Z-Cut Brownie</i> Spencer Wakefield	<i>Cool Tube</i> Wyatt Cole	<i>The Grocery Buddy</i> Ellie Shirley

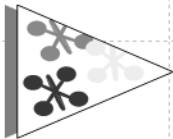
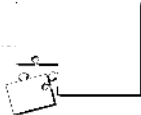
<i>E Movie</i> Sarah Wisniowski	<i>30 Second Brush</i> Brayden Antoniak	<i>School ID Wristband</i> Braden Ford
<i>The Popcorn Tray</i> Eston Usery	<i>Sink Magnet</i> Madelyn Meek	<i>The Ultimate Lure Retriever</i> Andrew Goostree
<i>The Diaper Wiper</i> Montana Price	The A-E-Net Jon Luke Simmons	<i>Em-Brace</i> Zoe Adair
<i>Seat Pack</i> Chloe Anderson	<i>Locker Light</i> Scotty Cote	<i>The Line</i> Katie Dugger
<i>The Reinvented Easy Gift Wrap</i> Jake Steen	<i>Surface Saver</i> Samuel Grayson	<i>Gummi Wash</i> Eryn Cheney, Sadie Cherry, Will Lindsey, Megan Gillespie
<i>The Dufflenizer</i> Caroline Offult, Taylor Millraney, Vanessa Martinez	<i>Rethink Ribbons</i> Mia Smitherman	<i>Chew and Sniff</i> Alexandra Liberatore, Anna Terry
<i>SEM4REM</i> Faith Mayfield	<i>Heal Fast Mask</i> Sydney Heath	<i>EGGStraordinary Egg Scrubber</i> Jake Lawson
<i>Bait Bath</i> Gray Steelmain	<i>Crayon Savers</i> Madison Moore	<i>Hiser</i> Lydia O'Neal
<i>The Quick Do Styling Hairbrush</i> Kyler Oathcut	<i>I PB &amp; J</i> Elana Ayers	<i>Trashcan Valve</i> Reagan Stone
<i>Flip a Seat</i> Mason Hood	<i>Alzheimers Book</i> Enid Sullins	<i>Game Saver</i> Conner Peek
<i>Sticky Situation</i> Sock Saver, Charlotte Szymanski	<i>Buggy Pants</i> Tia Leonard	<i>Self Pet Groomer</i> Nyla Wells
<i>Switch-a-Board</i> Bryson Glover	<i>Slip-n-Pocket</i> Grayson Warren, Kaydence McGill, Dylan Jones	<i>The Simple Bottle Holder</i> Shaunnissa Richardson, Katie Stewart
<i>Life Glass</i> Walker Burdine, Grayson Campbell	<i>Rearview 2</i> Rachael Walpole	<i>Bucket</i> Michael Cook, Olivia Martin

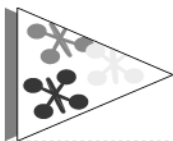




# Make Life Easier



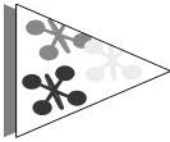
<i>Anti-Mouse</i> Madi Hodge, Alaina Smith, Sara Bouton	<i>The Posture Protector</i> Maya Gipson, Abigail Hopper	<i>Back Pack Buddy plus Lite Pack</i> Alexia Douglas, Maddie Mathes, Evan-Grace Gill
<i>Various Section Box (VSB)</i> Warren Denton, Nathan Muktikar	<i>Hungry Hungry Helper</i> Westin Manning, Sumnang Allen	<i>The Clipper Pipper</i> Colton Stroud, Christopher Walker
<i>The Bloodless Board</i> Oscar Staffer, Riley Wilson	<i>The Mixup Cover</i> Maia Metcalf	
	<h2>Games</h2>	
<i>Lego Creator</i> Jacob Farmer	<i>Kitty Kastle</i> Cara Jones, Elysia Fricke	<i>Monkey Run 3</i> Abbey Apple, Ellie Denton
<i>Goosebumps Slappies Fright</i> Kaylee Sellars, Emma Brewer	<i>Boardcraft</i> Ellery Cotter, Abigail Price	<i>Quest of Cthulhu</i> Escher Barrett, Jonathan Williams
<i>African Adventure</i> Hannah Covington, Layla Covington	<i>Candy Knights</i> Lincoln Evans, Thomas Chance, Noah McGee	<i>NBA Stars</i> Macey Coleman
<i>Disney Adventure</i> Rachel Moscardelli, Adelyn Stephens, Bella Hankins	<i>Touchdown</i> Colby Jones	<i>All Around</i> Andruw Hodge
<i>Pick a Card</i> Zoi Hale	<i>Crack the Code</i> Bennett Reynolds, Aidan Humphrey, Max Jackson, Kily Keiser, Hayven Jenkins	<i>Science Mania</i> Sarah Arnold, Reese Miller, Roisin Dowd
<i>Number Phrase</i> Kennedy Coyle	<i>4G Elimination Ball</i> Olley Todd	<i>Make A Word</i> Maliyah Wilkins, Addyson Gregory, Alexus Jones, Daniella Hernandez
<i>Physical Memories</i> Glenn Clark, Michael Matz, Caleb Hayworth-Dennis	<i>Let's Get Moving</i> Drew East, Juan Jimenez, Nathan Dedman	<i>Multiplication Grand Prix</i> Jordan West
<i>Dinosaur Run</i> Nolan Litton, Matthew Moore, Eli Abell	<i>Big Game</i> Henry Braeuner, Connor Cioffi, Colin Durelli, Michael Golczynski, Julia Hinson	<i>Rainbow Wonderland</i> Alexa Ammerman, Lily Ellis, Rebekah Hollmann



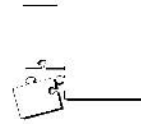
# Games



<p><i>Lost in the Zoo</i> Hunter Harris, Gabriel Linnear, Adela Rosalez, Amanda Barrett</p>	<p><i>Skyscrapers</i> Andrew Day, Ethan Gentry, Hugh Dixon</p>	<p><i>Landscape</i> Wyatt Jones, Colton Settle</p>
<p><i>Christmas Peek</i> Avery Cummins, Ellie Brinkman</p>	<p><i>Greek Mythology Island</i> Eli Brownlee, Joshua Mangrum</p>	<p><i>Mythical Island Journey</i> Landon Patterson, Sean Redmond</p>
<p><i>Sport Legends</i> Jacob Blankenship, Lucas Painter</p>	<p><i>The Friends Game</i> Shanna Pickett, Kierra Katum, Mickenzie McCart</p>	<p><i>Football Madness</i> Thomas Anderson</p>
<p><i>Bookworm Brainiacs</i> Grace Agosta, Macy Scruggs</p>	<p><i>Truth or Dare</i> Aaliyah McElhiney, Olivia Harding</p>	<p><i>Baskets</i> Madison Jennings, Julia Manus</p>
<p><i>Race Way</i> Blake Bristow</p>	<p><i>Castle Dash</i> Clay Moscardelli, Grayson Galentine, Austen Gore</p>	<p><i>Fishing for Idioms</i> Cameron Harvey, Marquis Wilson, Caleb Darnell, Ty Childress</p>
<p><i>Name That Invention!</i> Haley Barnard</p>	<p><i>Fact Track</i> Nate Luttrell</p>	<p><i>Innovation the Game</i> John Hergenhan, Hayden Wright, Carson Tracy</p>
<p><i>The Civil War Game</i> Darrah Ramsey, Cameron Miller</p>	<p><i>Fire Nights at Freddy's</i> Makayla Bias, Joshua Juarez</p>	<p><i>Comic Clash</i> Robbie Daniel, Gavin Yarbrough, Ethan Corn</p>
<p><i>Snowball Sling</i> Elijah Pedigo, Seth Gray, Maddux Souvannaraj, Gentry Saling</p>	<p><i>Bounceketball</i> Noah Simon, Eli Bates, Jackson Vonderwell</p>	<p><i>Baseball Trivia</i> Max Fisher, Gabe Fisher, James Hinson, Drew Emerson</p>
<p><i>The Ultimate Super Market Board Game</i> Addie O'Brien, Grace McMillen</p>	<p><i>Candy Factory</i> Clare Dalske, Madeline Kopf, Madeline Barnett</p>	<p><i>Card World</i> Patrick Tatro, Patrick Egan, Alton Wirth, Trip Scoutten</p>
<p><i>Crush Cards</i> Rett Davis, Jacob Betzelberger</p>	<p><i>Question Down the Lane</i> Ivonne Martinez, Alaysia Bryson, Michelle Gomez-Mares</p>	<p><i>Myth-O-Mania</i> Madyn McKinley</p>
<p><i>Twictures</i> Madison Pruitt, Liza Johnson, Abby Clark, Faith Duke, Shelby Sparacino</p>	<p><i>Spider Attack</i> Layla McDaniel</p>	<p><i>I to Z</i> Amber Eischeid</p>



# Games



<p><i>Feed I.D. opoly</i> John Buyrl Neely</p>	<p><i>Owl Smart Are You?</i> Emma Kate Resha</p>	<p>Llama Life Jacob Young , Anna Tennant, Anna Ferrell, Braeden Graves</p>
<p><i>The Suspect</i> Phoenix Zulueta</p>	<p><i>Fluff Fall</i> Bailey Davenport, Brianna King, Chelsea Liu, Samantha Shadrick</p>	<p><i>Swim to the End</i> Emma Claire Hagey, Ella Plasko</p>
<p><i>Magna-Jump</i> Eli Donovan</p>	<p><i>Fly Me to the Moon (On a Dragon)</i> D. Justice Bigham-Youngblood</p>	<p><i>Forest Adventure</i> Braden Kelly</p>
<p><i>Dog Avenue</i> Hayley Hinshaw</p>	<p><i>Dance, Sing, Ask!</i> Olivia Stranahan, Kayla Zachary, Paris Hastings, Kaelyn Williams, Mia Bolen</p>	<p><i>Fashion Trivia</i> Savannah Stubblefield, Madelyn Melvin, Terri Reynolds</p>
<p><i>Harry Potter and the Sorcerer's Stone</i> Leander Tenbarge, Jimmy Conner, Aislinn Jackson, Jeremiah Kirkpatrick</p>	<p><i>Sports Duo</i> Bronar Goshern, Denton Dodson, Logan Sullivan, Chance Heinz</p>	<p><i>Master of the Sports</i> Hannah Dies, Ava Fedder</p>
<p><i>Movie 101</i> Emma Pierucki, Caroline Triplett</p>	<p><i>Anatomy The Game</i> Trevor Anderson, Steven Fisak</p>	<p><i>Pile Your Pizza</i> Abigale Hill, Libby Smith, Asia Nguyen</p>
<p><i>Despicable Coffee</i> Lili Sotelo, Olivia Adams</p>	<p><i>Building Language Barriers</i> Chloe Freeman, Jaden Shreeve, Jackson McRae</p>	<p><i>Soldier Brigade</i> Jayden Carpenter , Omar Watkins</p>
<p><i>Revenge</i> Harper Guthrie, Aubree Pelham</p>	<p><i>Sportz 101</i> Amelia Gann, Mattie Neal</p>	
<p><i>Treasure Quest</i> Cayden Cravener, Grant Summar</p>		

## **A History of Games: Why are They Important?**

One can well imagine that games have been played throughout human history, beginning as soon as there was a moment of leisure time not devoted to survival -- and as soon as communications between individuals got beyond the basics of conveying elementary needs and movement, into the realm of intention and ideas. It's a fact that games are played between babies and their parents from the first months of life, beginning with peek-a-boo and pat-a-cake and working up to hide-and-seek just as soon as a toddler is mobile. Games seem to be part of our nature, probably because they serve a useful purpose (learning skills like strategic thinking) all the while being fun.

The broadest definition of games has to begin with such simple baby entertainments (which note: serve to exercise the infant mind in understanding that things that vanish aren't necessarily gone -- and exercise a body and develop coordination and rhythm) and extend through sports to strategy games of all sorts, and even include the games of "make believe" played by friends and siblings in the back yard on nice summer days -- which mature into modern role-playing games that combine elements of imagination with those of luck (roll of the dice) and strategy and rules.



### **About Our Speaker**

Alf Sharp is one of the foremost inventors of fine furniture working today. He creates collectible, art museum quality furniture. Alf describes himself as a traditional furniture maker, but says that when he stretches out to make something "contemporary", he usually still looks for inspiration in traditional design.

Mr. Sharp's work can be found in numerous museums and historic houses. In 2008, he was the recipient of the prestigious Cartouche award from The Society of American Period Furniture Makers. Mr. Sharp is a graduate of Vanderbilt University, but found his passion in inventing fine furniture

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# Our **I** Featured Invention

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## **The Dice**



“Dice” is the oldest game known to man! There are all sorts of legends associated with them, but they were used for everything from passing time to making big decisions about where to hunt and fish. Dice artifacts have been found on every continent in the world. Some of the earliest versions were made of animal bones or wood, and one of the oldest sets on record was found in King Tut’s Tomb!

**Fun Fact:** The theory of mathematical probability owes its creative roots to a game of dice!

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## **Awards and Honors**

Every student inventor will leave today with a certificate of participation and this year's featured invention. In addition to 1st, 2nd, and 3rd place trophies, awards will be recognized in the following areas:

**State Farm Excellence Award:** This award acknowledges excellence in all required aspects of the competition. This award was specifically designed to honor State Farm for their many years of support and encouragement.

**Group Champion Award:** This medal is presented to the group that exhibits cooperative teamwork in designing and presenting the invention.

**Individual Champion Award:** This medal is given to the individual who exhibits individual creativity and ingenuity.

**Best Presentation Award:** This ribbon is offered to the student(s) with outstanding presentation skills.

**Judges Favorite Award:** This ribbon is awarded to the student(s) who in addition to meeting all necessary requirements, provide a memorable and unique invention.

**Trophies were obtained from**

**B&B Trophies, 307 S. Spring Street, Murfreesboro, TN (615) 890-4780.**



*MTSU, a Tennessee Board of Regents university, is an equal opportunity, non-racially identifiable, educational institution that does not discriminate against individuals with disabilities.*

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# *State Farm*



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