



Invent IOWA

State Invention Convention


APRIL 20, 2020


Hosted by the Belin-Blank Center for Gifted Education and Talent Development



**Belin-Blank
Center**

 GRADE	INVENTION	STUDENTS	TEACHER	SCHOOL DISTRICT
	Cubeformers	Lexi Dunn Arya Ebert Jace Guertin Brooks Huber	Sara Hollenbeck	Riceville

 GRADE	INVENTION	STUDENTS	TEACHER	SCHOOL DISTRICT
	Auto-Fetch 1000	Klaire Eastman Trayton Larson	Sara Hollenbeck	Riceville
	Eco Suckers	Mahima Devi Reddy	Carrie Larson	Linn Mar
	Kritter Keeper Lock	Aubrianna Herold Connely Reis	Sara Hollenbeck	Riceville
	Pet Connect 1000	Owen Baethke Sayde Larson Chloe Lohuis Ryder Melloon	Sara Hollenbeck	Riceville
	Pet Scram Spray	Bentley Condon Andrea Romero-Rodriguez	Sara Hollenbeck	Riceville
	The H.E.R.B. (Home Emergency Responder Beacon)	Charles Smith	Breanna Dehrkoop	Ottumwa

 GRADE	INVENTION	STUDENTS	TEACHER	SCHOOL DISTRICT
	Slegos	Ella Jameson Edyn Wieser	Morgan Tjaden	Alburnett
	The Exploding Fire Extinguisher	Ben Hunt Bristol Nannelli	Morgan Tjaden	Alburnett
	The Glow-Inator Barrel	Maci Dalene	Mary Jo Nelson	North Scott

GRADE


INVENTION	STUDENTS	TEACHER	SCHOOL DISTRICT
Boot Buddy	Violet Wellman	Randi Endriss	Treynor
Cheerleading Mitts	Addison Hohl	Hollie Weber	Central Lee
Comfort Type	Adithi Jenigiri	Susan Adams	Linn Mar
Corn Silker 3000	Reid Hendrikson	Jennifer Kumsher	Garner Hayfield Ventura
Fas Clean	Brianna Gage Ellie Schrader	Morgan Tjaden	Alburnett
Fishin' Friend	Molly Ruehlow	Keaton Despard	Linn Mar
Gas Away	Caedon Newton	Holly Weber	Central Lee
Jump Yourself Jump Rope	Ainsley Foxen Addilyn Fuegen Louise Votroubek	Nancy Felton	Cedar Rapids
Lighty Brighty	Arabella McDowell	Hollie Weber	Central Lee
Maddy's Material Sorter	Madalynn Sertterh	Breanna Dehrkoop	Ottumwa
Mobile Entertainment	Laura Erzenen	Sarah Doyle	Linn Mar
Mootri Nutri Bullet	Kysa Helvie	Randi Endriss	Treynor
Multi-Manageable Hand Prosthetic	Tyler Dohlman	Sara Hollenbeck	Riceville
Porch Pirate Protector	Addyson Magill Berkli Poland	Randi Endriss	Treynor
Portable Glove Dryer	Haylie Wildman	Jennifer Hammes	Linn Mar
Quiet Busy Box (QBB)	Alyse McDermott Adeline Robson	Nancy Felton	Cedar Rapids
Reading Buddy	Isabella Pladsen	Nancy Felton	Cedar Rapids
Ride Dry	Hayden Dietz	Kari Sydnes	Linn Mar
Roller Blading Brains	Taleah Dohlman Asher Ebert Weston Hemann	Sara Hollenbeck	Riceville
Sewer Saver	Molly Rheinschmidt	Nancy Felton	Cedar Rapids
Sopping Cap	Rowan Carter	Sara Hofer	Linn Mar
Sprink 100	Jaxon Martin Avery Rauch	Morgan Tjaden	Alburnett
The Blade Magnet	Cooper Axline	Kari Sydnes	Linn Mar
The De-Icer	Gabriel Keppel	Hollie Weber	Central Lee

GRADE

INVENTION	STUDENTS	TEACHER	SCHOOL DISTRICT
Aphid Attacker	Kei Evans	Nancy Felton	Cedar Rapids
Buggy Saver	Carsten Wyant	Mindy Gordon	Waterloo
Cattle Clean Water	Caleb Marr	Sara Hollenbeck	Riceville
Cord Protector	Isaiah Hoepfner	Sally Goodenbour	Waterloo
Deer Detector	Liam McGargil Merrick Taylor	Morgan Tjaden	Alburnett
Food Oasis	Manasvi Devi Reddy Sahana Nagarajan	Sara Russell	Linn Mar
Fruity Shapes	Tyler Miller	Nancy Felton	Cedar Rapids
Gobbles 2 Go	Jack Benner Caden Crozier	Hollie Weber	Central Lee
Hold The Book	Jeremiah Dunkerton	Robin Loes	Waterloo
Icy-Cubical	Larry Feldman Sawyer Goehring Emma Short	Lauren Crossmon	Cardinal
Mailbox Notifier	Ethan Northness	Sally Goodenbour	Waterloo
Purse Slinky	Skyler McKenney Gemma Younadam	Nancy Felton	Cedar Rapids
Snack Chat	Alivia Replogle Peyton Rump	Lauren Crossmon	Cardinal
Swing Goal	Robert Luloff Rebecca Sanchez-Romero	Kelly Carl	Waterloo
The Christmas Cleaner	Hunter Frey	Morgan Tjaden	Alburnett
The Latrine Unlocker	James Cherput Luan Mai	Tracy Tigges	Waterloo
The Life Ladder	Peyton Stineman	Morgan Tjaden	Alburnett
The Non-Slip Machine	Kendall Birk Kenna Kirkpatrick	Lauren Crossmon	Cardinal
Travel Buddy 2	Allison Gruntmeir	Holly Weber	Central Lee



RESOURCES FOR INVENTORS!

www.inventionconvention.org

GRADE

INVENTION	STUDENTS	TEACHER	SCHOOL DISTRICT
911 Preventer	Mattea Day	Stephanie Bassett	Davis County
BCW - The Backup Camera Wiper	Derek Goedken	Amy Kluesner	Western Dubuque
Bee Positive	Keely Christoffersen Grace Flannigan	Brian Steele	Westwood
Cervical Saver	Ethan Erdmann Harley Fleming	Stephanie Bassett	Davis County
Chair Tipper	Camron Hubbartt Owen Klaus Ruella Ricardo	Camron Hubbartt	Davis County
Chip Masher	Gavin Shively	Stephanie Bassett	Davis County
Cliks	Jonathan McGovern Andrew Schlarmann	Amy Kluesner	Western Dubuque
CoatPak	Jace Cheney Owen Erdmann	Stephanie Bassett	Davis County
Cochlear Implant Hat	Kaitlyn Hall	Robin Loes	Waterloo
Dis Ability	Anniese Beeler-Allen Mary Luffy	Stephanie Bassett	Davis County
Easy-Share Earbuds	Lydia Barker Noelle Hill	Stephanie Bassett	Davis County
Fun in the Sun	Darcy Wiegand	Stephanie Bassett	Davis County
Hands-on Soil Health Kit	Culee Smith	Stephanie Bassett	Davis County
InstaHouse	Daphne Ikerd	Stephanie Bassett	Davis County
Key Finder 360	Halle Husted Morgan Schultz	Stephanie Bassett	Davis County
Non-Hots	Adryan Dearborn Carly McGraw	Morgan Tjaden	Alburnett
Oscar	Madelyn Replogle Rebekah Vermeulen Morgan Wissink	Stephanie Bassett	Davis County



RESOURCES FOR INVENTORS!

www.nationalinventioncurriculum.org

GRADE


INVENTION	STUDENTS	TEACHER	SCHOOL DISTRICT
Phone Swivel	Colten Goodding Cael Mess Behren Radech	Lisa Huber	North Scott
Piddle Pedal	Lauren Davis	Stephanie Bassett	Davis County
Pothole Stopper	Cora Vannorsdel	Lisa Huber	North Scott
REIL2411	Reilly Westhoff	Amy Kluesner	Western Dubuque
Scrubby Dry	Kole Drummond Josh Settles	Stephanie Bassett	Davis County
Sippy Cllip	Emma McIntyre	Stephanie Bassett	Davis County
Sortez	Joe Miell Brady Scott	Morgan Tjaden	Alburnett
Super Bottle	Ilona Skaggs	Stephanie Bassett	Davis County
The Garbage Helper	Madelyn Simon Leah Steger	Amy Kluesner	Western Dubuque
The Pig Expander	Erik Boge Cooper Wolfe	Amy Kluesner	Western Dubuque
Toaster Knife 2000	Alexander Wemmie	Stephanie Bassett	Davis County
Ultimate Rain Poncho	Hayden Humphrey Kennedy Skaggs	Stephanie Bassett	Davis County
Ultrasonic Glasses	Marshall Christenson	Sara Hollenbeck	Riceville
Water Absorber	Isabella Lebeda Taylar Seevell	Morgan Tjaden	Alburnett
Wiggly Diggly Dog Bed	Madi Bridgman	Stephanie Bassett	Davis County
Xtra Pocket	Hayden Bankson Hank Bulechek	Stephanie Bassett	Davis County


RESOURCES FOR INVENTORS!

Charles Smith invented the Benge Beacon, a device to help firefighters find the exits in a smoky house. See his invention in action and **watch** his national television debut! Charles also won \$5,000 in seed money and a mentorship opportunity with entrepreneur Chelsea Hirschhorn through the SSK Kidventor \$25,000 giveaway! (Watch the announcement here: www.gma.abc/2O3XmJW)

The year before Quill Orth was a winner and here is his video! www.youtu.be/lyDtKmmo3CI - Quill Orth (Lewis Central Community School District), 2018 winner of the 3rd – 5th grade division, went on to compete at the Invention Convention U.S. Nationals, where he won the 3M Innovative Materials Award for his “Hotspot Chicken Insulating Cream,” which prevents frostbite on chickens’ combs. Quill shared his story and words of congratulations and encouragement with this year’s inventors.

GRADE

INVENTION	STUDENTS	TEACHER	SCHOOL DISTRICT
Blender Defender	Luke Irlmeier Drayce Moore	Michael Applegate	Atlantic
Brella-Pak	Kaden Foster	Molly Crom	Fremont Mills
Canker Crusher	Jaelyn Benton Isabelle Symonds	Michael Applegate	Atlantic
Cool On the Go(COG)	Sujan Vijayraj Shadrak	Amy Spoelstra	Linn Mar
Extended Sole Cleat Kit	Jarrett Hansen Carter Witzman	Michael Applegate	Atlantic
EZ Help Shelf	Lola Comes McKenna Sonntag	Michael Applegate	Atlantic
Garbaged Garden	Alistyn Lawson Addison McClure	Stephanie Bassett	Davis County
Hand-E-tray	Everett Elliason Kyran Spees	Lauren Crossmon	Cardinal
Ice Cold Cup	Ben Menster	Stephanie Bassett	Davis County
Nuisance Noise Neutralizer: N3	Grace Brand	Mike Brand	Pleasant Valley
Prop Protector	Cora Maeder Claire Piper	Stephanie Bassett	Davis County
PupPack	Danielle Bennett Kaylee Stetzel	Michael Applegate	Atlantic
SH'Bag	Parker Goodrich Kimber Wederquist	Molly Crom	Fremont Mills
The Extend-A-Buddy	Morgan Botos Josie Handlos	Michael Applegate	Atlantic
The Handy Helper	Bailey Hemphill Izzy Stanley-Jones	Morgan Tjaden	Alburnett
The Paw Saver	Madalynn Heather Morgan Hoth Katelyn Hoth	Morgan Tjaden	Alburnett
The Unload-A-Pro	Maria Forney Hanna Wilson	Molly Crom	Fremont Mills



RESOURCES FOR INVENTORS!

www.learningwithnature.org

www.uspto.gov

GRADE

INVENTION	STUDENTS	TEACHER	SCHOOL DISTRICT
Bats Be Gone	Annicka Hicks	Lauren Crossmon	Cardinal
EZ-Scrape	Ryan Enriken Tyler Gelhaar Tom Hook	Hallie Ederly	Adel-DeSoto-Minburn
Heat Trapping Towel Wrap	Kaylin Dains	Hallie Ederly	Adel-DeSoto-Minburn
Lighty Brighty	Mia Goodman Lillian Howe	Mike Younts	Fremont Mills
Sensory Platform	Rebekah Christy Dejah Jones	Lauren Crossmon	Cardinal
The All In One Sports Bag	Kiley Barrett Miley Hughes	Mike Younts	Fremont Mills
The Auto Feed	Riggs Martin	Morgan Tjaden	Alburnett
The Glasses Grips	Aubrey Mitchell	Mike Younts	Fremont Mills
The Spinning Saver	Eliana Dohlman Josey Pasco	Hallie Ederly	Adel-DeSoto-Minburn
TMG (Therapeutic Mobility Glove)	Sydney Kuhse	Hallie Ederly	Adel-DeSoto-Minburn

**RESOURCES FOR INVENTORS!**

The Henry Ford's digital collections are wide open and guests can visit www.thehenryford.org/explore-learn-online/ to access inspiring content and follow #WeAreInnovationNation for ongoing updates.

Life-long learners can dive into The Henry Ford Archive of American Innovation, the greatest collection ever assembled documenting American innovation, ingenuity and resourcefulness. With close to 90,000 artifacts digitized, visitors to the web site can build their own virtual collection with carefully curated artifact sets from The Henry Ford's experts.

Inspiring stories celebrating the inventor's spirit and our country's most famous innovators are also available online through The Henry Ford's Visionaries on Innovation, its Emmy-winning TV series The Henry Ford's Innovation Nation with Mo Rocca, and Did I Mention Invention? with Alie Ward. For those looking to dig deeper, The Henry Ford provides plenty of opportunities through its Connect3 and What if? series, online recipe database, blog, magazine and more.



Individuals with disabilities are encouraged to attend all University of Iowa-sponsored events. If you are a person with a disability who requires a reasonable accommodation in order to participate in this program, please contact Rachelle Blackwell in advance at 319-335-6196.



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