

## Grade Level Winners

AWARD	INVENTION	INVENTOR(S)	GRADE / SCHOOL
<b>K-2 Showcase</b>	Mama Earth Compost Bin	Smahi Gupta	Grade 2/Parkview Elementary

### Grades 3-5

<b>1st Place</b>	ShoeQ	Samarthika Karthik; Saadhana Satyanarayanan	Grade 3/Parkview Elementary
<b>2nd Place</b>	Automated Calf Puller	Kylie Alexander; Fletcher Cherry	Grade 5/Petoskey – Lincoln
<b>3rd Place</b>	The Smart Backpack	Rohan Aravind; Aadvik Mishra	Grade 5/Thornton Creek Elementary

### Grades 6-8

<b>1st Place</b>	Smart Safety Pal	Kriti Gangumalla	Grade 6/Novi Meadows
<b>2nd Place</b>	PotholeSense	Harshi Jariwala	Grade 7/EMUiNVENT / Michigan Independent Inventor Program
<b>3rd Place</b>	Zen-Eye	Dhruv Magar; Renesh Sreenath	Grade 6/Novi Meadows

### Grades 9-12

<b>1st Place</b>	Designing Antibacterial and Biodegradable Wound Dressings	Seneli Amaratunga; Dharshna Chandra Mouleeswaran	Grade 11/Kalamazoo Area Math and Science Center
<b>2nd Place</b>	Vesticator	Kashvi Rai	Grade 12/Huron High School
<b>3rd Place</b>	Automatic Pedestrian Crossing Detection	Elliot Scully	Grade 12/Skyline High School

## Category Award Winners

AWARD	INVENTION	INVENTOR(S)	GRADE / SCHOOL
<b>Agriculture and Food</b>	Automated Calf Puller	Kylie Alexander; Fletcher Cherry	Grade 5/Petoskey – Lincoln
<b>Animal Care and Pets</b>	The Dog Stopper	Margaret Boersma; Ariana Howard; Lily Murray; Veronica Vannier	Grade 5/Way Elementary School
<b>Consumer Goods and Fashion</b>	ShoeQ	Samarthika Karthik; Saadhana Satyanarayanan	Grade 3/Parkview Elementary
<b>Environmental and Societal Impact</b>	Zen-Eye	Dhruv Magar; Renesh Sreenath	Grade 6/Novi Meadows
<b>Education</b> Presented by MI529	Fast Class	Connor Cyrus	Grade 3/Parkview Elementary
<b>Energy</b> Presented by ITC Holdings	Kinetic Catcher	Jayden Bell; Liam Evans	Grade 8/Bobcat Innovation
<b>Health and Medical</b>	Disease Defenders	Jenisha Rathod	Grade 6/Novi Meadows School
<b>Home Organization and Appliances</b>	Dust Bunny	Daniel Calcut; Crosby Ferguson	Grade 8/Grosse Ile Township Schools
<b>Manufacturing and Tools</b> Presented by Molex	Snow-GO	Thivikshan PR	Grade 4/Village Oaks Elementary School
<b>Safety</b> Presented by Brembo	Smart Safety Pal	Kriti Gangumalla	Grade 6/Novi Meadows
<b>Sports, Toys, Games</b>	Magic Footsteps	Allie Johnson; Adelyn Wilson	Grade 3/Baraga Area Schools
<b>Transportation</b>	PotholeSense	Harshi Jariwala	Grade 7/EMUinVENT / Michigan Independent Inventor Program

## Invention Process Rubric Award Winners

AWARD	INVENTION	INVENTOR(S)	GRADE / SCHOOL
<b>Designing and Building</b> Presented by RTX	Magic Footsteps	Allie Johnson; Adelyn Wilson	Grade 3/Baraga Area Schools
<b>Testing and Refining</b> Presented by Hagerty	Designing Antibacterial and Biodegradable Wound Dressings	Seneli Amaratunga; Dharshna Chandra Mouleeswaran	Grade 11/Kalamazoo Area Math and Science Center

## Best in Region

REGION	INVENTION	INVENTOR(S)	GRADE / SCHOOL
<b>A2 Area Invention Convention, Ann Arbor/ Washtenaw County</b>	Vesticator	Kashvi Rai	Grade 12/Huron High School
<b>AccelerateKID - Oakland County</b>	Disease Defenders	Jenisha Rathod	Grade 6/Novi Meadows School
<b>Central Michigan University Excellence in STEM Education, Great Lakes Bay Area</b>	The Concussion Cap	Grady Grover; Wes Rayburn	Grade 3/Ithaca North Elementary
<b>Eastern Upper Peninsula Science and Engineering Fair - EUPISD</b>	Study Habits	Emma Richter	Grade 6/Pickford Junior High
<b>EMUINVENT - Michigan Independent Inventor Program, Washtenaw County</b>	Auto Curtain	Raven Brown; Jamil Smith-Edwards	Grade 5/Mackenzie Elementary / Middle School
<b>InventCon - Western Upper Peninsula</b>	Snowmobile Pull Jacket	Corbin Anderson	Grade 7/Copper Island Academy
<b>Northwestern Lower Region</b>	Clean Strike	Clara Russell; Evalee Streeting	Grade 5/Petoskey – Lincoln
<b>Wayne State University College of Engineering, STEM Innovation Learning Center, Wayne County</b>	The Smart Backpack	Rohan Aravind; Aadvik Mishra	Grade 5/Thornton Creek Elementary
<b>Young Innovators of Genesee County</b>	The Doubler	Makenna Miller	Grade 4/Way of Wisdom

## Grand Prize Award

AWARD	INVENTION	INVENTOR(S)	GRADE / SCHOOL
<b>Grand Prize Award</b> Presented by Delta Dental of Michigan	Disease Defenders	Jenisha Rathod	Grade 6/Novi Meadows School

## Invention Convention U.S. Nationals Qualifiers

INVENTION	INVENTOR(S)	GRADE / SCHOOL
Disease Defenders	Jenisha Rathod	Grade 6/Novi Meadows School
ShoeQ	Samarthika Karthik; Saadhana Satyanarayanan	Grade 3/Parkview Elementary
Smart Safety Pal	Kriti Gangumalla	Grade 6/Novi Meadows School
Designing Antibacterial and Biodegradable Wound Dressings	Seneli Amaratunga; Dharshna Chandra Mouleeswaran	Grade 11/Kalamazoo Area Math and Science Center
Automated Calf Puller	Kylie Alexander; Fletcher Cherry	Grade 5/Petoskey - Lincoln
PotholeSense: Smart Pothole Detection and Reporting using A	Harshi Jariwala	Grade 7/EMUiNVENT and Michigan Independent Inventor Program
Vesticator	Kashvi Rai	Grade 12/Huron High School
The Smart Backpack	Rohan Aravind; Aadvik Mishra	Grade 5/Thornton Creek Elementary
Zen-Eye	Dhruv Magar; Renesh Sreenath	Grade 6/Novi Meadows
Automatic Pedestrian Crossing Detection	Elliot Scully	Grade 12/Skyline High School
Magic Footsteps	Allie Johnson; Adelyn Wilson	Grade 3/Baraga Area Schools
Snow-GO	Thivikshan PR	Grade 4/Village Oaks Elementary School
Dust Bunny	Daniel Calcut; Crosby Ferguson	Grade 8/Grosse Ile Township Schools