

NICEE 2018 Awards Listing

The National Invention Convention and Entrepreneurship Expo is organized and produced by the STEMIE Coalition and was held at The Henry Ford Museum of American Innovation in Dearborn Michigan on June 1, 2018. Over 108,000 K-12 student inventors competed from 20 states, Mexico and Canada in local competitions earlier this year. 427 students advanced to the national competition.

Grade Category Awards

Kindergarten:

2nd Place: Ari Thompkins; Fizzy Hand

City Chicago

State IL

Grade K

Video https://youtu.be/z273H_CkE4I

1st Place: Aviva Reisner; Loopy Hookeroo

City Bristol

State CT

Grade K

Video <https://vimeo.com/268195264/dfc8e14f6f>

First Grade:

3rd Place: Vivian Edwards; Bathtime Floatie 3000

City Greenacres

State Washington

Grade 1

Video <https://youtu.be/fF6qEyCxRbs>

2nd Place: Kriti Nagthan; Finger Protector

City Boise

State Idaho

Grade 1

Video <https://youtu.be/k8wG2vzk2PI>

1st Place: Cianna Brown; The Fly Paper

City Lebanon

State CT

Grade 1

Video <https://youtu.be/dMuDOJTt4PU>

Second Grade:

3rd Place: Ethan Mott; The Flashing Dog Bowl

City Storrs

State CT

Grade 2

Video <https://youtu.be/qTOMSdFtzF4>

2nd Place: Jaden Deland; Safe Sizzors

City Bradford

State CT

Grade 2

Video <https://youtu.be/uSdMQ-Zctdw>

1st Place: Eva Gupta; Swim Bag Organizer

City Redmond

State Washington

Grade 2

Video <https://youtu.be/hDGVFm70u-A>

Third Grade:

3rd Place: Addison Forsman; Winter Warmer

City Rathdrum

State Idaho

Grade 3

Video <https://youtu.be/8avhfxTJY4>

2nd Place: Sophia Kunkle; Hair's Everything

City Chicago

State Illinois

Grade 3

Video <https://youtu.be/Nv0ZTDmyXs0>

1st Place: Vibodh Ayyapureddi: Lookout Buddy

City Boise

State Idaho

Grade 3

Video <https://youtu.be/IBXCORvVfqE>

Fourth Grade:

3rd Place: Ravindu Karunaratne; The Rising Candle

State Connecticut

Grade 4

Video <https://youtu.be/IIDmMJYkFc>

2nd Place: Corinne Sutula; Portable IV Vest

City Harwinton

State Connecticut

Grade 4

Video <https://youtu.be/2lwXgcFKou4>

1st Place: Olivia Cohn; Happy Ride

City Westport

State Connecticut

Grade 4

Video <https://youtu.be/4RH7rBAkUu0>

Fifth Grade:

3rd Place: Michael Muldoon; Lightning Shock Sticker

City Marietta

State Georgia

Grade 5

Video <https://youtu.be/Edo5ttDtHDQ>

2nd Place: Sophia Zezula; Snow Straw

City Ridgefield

State Connecticut

Grade 5

Video <https://youtu.be/fRkug-lqhEA>

1st Place: Lauren Stevens; Quick Fix

City Coeur D Alene

State Idaho

Grade 5

Video <https://youtu.be/evM544Bs4N0>

Sixth Grade:

3rd Place: Arshaq Ahmed; The Radio Med Box

City Milford

State CT

Grade 6

Video <https://www.youtube.com/watch?v=gVMGZEDOsLc>

2nd Place: Boyan Litchev; Firefighter Robot

City Lexington

State Massachusetts

Grade 6

Video <https://www.youtube.com/watch?v=EOA4lw7kUAs>

1st Place (tie): Jude Wilson; EZ Sheetz

City Brunswick

State Ohio

Grade 6

Video <https://youtu.be/rStlaqcVp6A>

1st Place (tie): Arielle Levi; The Fre-Ez Feeder

City Caldwell

State Idaho

Grade 6

Video <https://www.youtube.com/watch?feature=youtu.be&v=x0vFvWmkdNo&app=desktop>

Seventh Grade:

3rd Place: Erin Pienczyko; Oven Mat

City Oakville

State CT

Grade 7

Video <https://youtu.be/cDgiisBxcwI>

2nd Place: Jianna Nichols; Rido Red

City Tipp City

State Ohio

Grade 7

Video <https://youtu.be/8xGVphTINeQ>

1st Place: Molly Grace Deptula; The Bully Band

City Ellington

State CT

Grade 7

Video <https://www.youtube.com/watch?v=MjwTGdwSPSY>

Eight Grade:

3rd Place: Morganne Malloy; Assistant Coach

City Ladera Ranch

State California

Grade 8

Video <https://www.youtube.com/watch?v=xup9O5x2AsM&feature=youtu.be>

2nd Place: Kathleen O'Sullivan; Morse Code ++

City Carmel

State New York

Grade 8

Video <https://m.youtube.com/watch?v=6LmqiawJNAk>

1st Place: Emma Ruccio; Got Your Back 2.0

City Southington

State CT

Grade 8

Video <https://youtu.be/xIKKtl0GQek>

3rd Place: Rachna Vipparla; ALZ-AID

City Fairfield

State CT

Grade 9

Video https://youtu.be/Z4ufC-sH_4I

2nd Place: Audrey Larson; S.A.F.E KIDS
City Milford
State CT
Grade 9
Video <https://youtu.be/yXJXZJLcBo>

1st Place: Veronica Lewis; N.O.M.A.D.
City Haverhill
State Massachusetts
Grade 9
Video <https://youtu.be/kDjYPt5-JrE>

Tenth-Twelfth Grade:
3rd Place: Arya Bairat; EES Sustineri
City Milford
State CT
Grade 10
Video <https://www.youtube.com/watch?v=SwwiM-kNbF0>

2nd Place: Sidharth Anantha; Seeing for the Blind
City Lexington
State Massachusetts
Grade 10
Video <https://youtu.be/jRTRh8bjgEo>

1st Place: Joey and Heidi Hudicka; Outta This World
City Flemington
State New Jersey
Grade 10
Video <https://youtu.be/38xJxF5XVc4>

Industry Awards

Human Mobility Award, presented by OTIS

Ben Kiefaber; Rear-Ender Defender

City Ridgefield

State CT

Grade 7

Video <https://www.youtube.com/watch?v=BvcYgsUXghk>

Smart Audio, Cool Cars Award, presented by Harman

Mateo Torres; Hearing Buddy

City Watsonville

State California

Grade 5

Video <https://youtu.be/Vlu1Bvx1nY>

Agriculture and Animal Care Award, presented by THE STEMIE COALITION

Juliana Hemond; The Plant Stimulator 2018

City Trumbull

State CT

Grade 5

Video <https://www.youtube.com/watch?v=vl8XktLxvRc>

Consumer Goods and Fashion Award, presented by Macy's

Ravindu Karuna; Rising Candle

City Hamden

State CT

Grade 4

Video <https://youtu.be/IIDmMJYkFc>

Earth and Geosciences Award, presented by AGI

Sophie Zezula; Snow Straw

City Ridgefield

State CT

Grade 5

Video <https://youtu.be/fRkug-lqhEA>

Education Award, presented by McGraw Hill

Ethan Klein; 3DUXS Design

City Fairfield

State CT

Grade 9

Video https://youtu.be/Z4ufC-sH_4I

Energy Award, presented by Chevron

Rumi Washington; GENER8R

City Maple Heights

State Ohio
Grade 5
Video <https://youtu.be/KqS0tB3igRM>

Government/Public Safety Award, presented by Washington Homeland Security Roundtable
Boyan Litchev; Firefighter Robot
City Lexington
State Massachusetts
Grade 6
Video <https://www.youtube.com/watch?v=EOA4lw7kUAs>

Health and Medical Technology Award, presented by BD
Lauren Stephens; Quick Fix
City Coeur D Alene
State Idaho
Grade 5
Video <https://youtu.be/evM544Bs4N0>

Home Organization Award, presented by Macy's
Addison Avery-Payne; The "Out-Fit" One Eco-Friendly Hanger for Life
City Ridgefield
State CT
Grade 5
Video <https://youtu.be/5aMc3X-D9JQ>

Household Tools Award, presented by Danaher
Jude Wilson; EZ Sheetz
City Brunswick
State OH
Grade 6
Video <https://youtu.be/rStlaqcVp6A>

Home Technology, Smart Homes, Appliances Award, presented by Carrier
Sophia Hernandez, Ariana Islam, Sarayu Reddy; Water Heater Sensor
City Alpharetta,
State Georgia
Grade 7
Video <https://youtu.be/D328i60wHiQ>

Sports, Games, Entertainment and Toys Award, presented by Chevron
Michael Muldoon; The Lightning Shock Sticker
City Marietta
State Georgia
Grade 5
Video <https://youtu.be/Edo5ttDtHDQ>

Technologies/Wearables Award, presented by THE STEMIE COALITION
Marc Van Zyl; Automatic Magnivision
City Peachtree City
State Georgia
Grade 7
Video <https://youtu.be/of8YYQLiw04>

App Award, presented by THE STEMIE COALITION
Demond Hubbard, Grosure
City Washington
State District of Columbia
Grade 12 <https://www.youtube.com/watch?v=ZD3JIUSjxy8&feature=youtu.be>
Video

Specialty Awards

Art/Creativity Award, presented by THE STEMIE COALITION
Ethan Klein; Architectural Modeling Sets
City Fairfield
State CT
Grade 9
Video https://youtu.be/Z4ufC-sH_4I

Automation and Robotics Award, presented by United Technologies
Arielle Levi; FRE-EZ Feeder
City Caldwell
State Idaho
Grade 6
Video <https://www.youtube.com/watch?feature=youtu.be&v=x0vFvWmkdNo&app=desktop>

CAD Award, presented by Autodesk
Sophia Hernandez, Ariana Islam, Sarayu Reddy; Water Heater Sensor
City Alpharetta,
State Georgia
Grade 7
Video <https://youtu.be/D328i60wHiQ>

Durability Award, presented by UTC Aerospace Systems
Audrey Larson; Safe K.I.D.S.
City Wallingford

State CT
Grade 9
Video <https://youtu.be/98isr9kcW4k>

Innovation in Electronics Award; presented by Arrow
Emma Ruccio; Got Your Back 2.0
City Southington
State CT
Grade 8
Video <https://youtu.be/xIKKtl0GQek>

Innovative Materials Award, presented by 3M
Quill Orth; Hot Spot Chicken Insulating Cream
City Glenwood
State Iowa
Grade 4
Video <https://youtu.be/YXWF8uXDakY>

Inspiring Changemaker Award, presented by littleBits
Heidi Hudicka & Joe Hudicka; Outta This World
City Flemington
State New Jersey
Grade 10
Video <https://youtu.be/38xJxF5XVc4>

Youth Achievement Award, presented by Kurt Giessler Foundation for Youth Achievement
Kyle Young; Fire Hydrant Alert System
City Shelton
State CT
Grade 10
Video <https://www.youtube.com/watch?v=VazvbFZiMZ0&feature=youtu.be>

Recognizing Females in THE STEMIE COALITION

#ISeeherInvent Award, presented by CA Technologies
Olivia Cohn; Happy Ride!
City Westport
State CT
Grade 4
Video <https://youtu.be/4RH7rBAkUu0>

SWENext Invent Her Future Awards, presented by Society of Women Engineers

3rd Place: Molly Grace Deptula; Bully Band
City Ellington
State CT
Grade 7

Video <https://www.youtube.com/watch?v=MjwTGdwSPSY>

2nd Place: Morganne Malloy; Assistant Coach

City Ladera Ranch

State California

Grade 8

Video <https://www.youtube.com/watch?v=xup9O5x2AsM&feature=youtu.be>

1st Place: Penelope Eisenberger; Retainer Container

City Westport

State CT

Grade 4

Video https://www.youtube.com/watch?v=5a8vcGsyn_s&feature=youtu.be

Patent Application Awards

Patent Application Award, presented by Cantor Colburn:

Sai Vipparla, Petsthetic

City Miford

State CT

Grade 11

Video <https://www.youtube.com/watch?v=r0188fLWoBU>

Patent Application Awards, presented by WilmerHale

Sidharth Anantha; Seeing for the Blind

City Lexington

State Massachusetts

Grade 10

Video <https://youtu.be/jRTRh8bigEo>

Ben Kiefaber; Rear-Ender Defender

City Ridgefield

State CT

Grade 7

Video <https://www.youtube.com/watch?v=BvcYgsUXghk>

Audrey Larson; SAFE K.I.D.S.
City Wallingford
State CT
Grade 9
Video <https://youtu.be/98isr9kcW4k>

Sophia Hernandez, Ariana Islam, Sarayu Reddy; Water Heater Sensor
City Alpharetta,
State Georgia
Grade 7
Video <https://youtu.be/D328i60wHiQ>

Julian Kage; Quick Lyme
City Glastonbury
State CT
Grade 8
Video <https://youtu.be/5Gbi3asN5xY>

Riley Shove; Cool Cast
City Manchester
State CT
Grade 3
Video <https://www.youtube.com/watch?v=PBqj0QmPwcE>

Invention Process Awards

Best Pitch Award, presented by THE STEMIE COALITION
Erin Pienczykowski; Oven Mat
City Oakville
State CT
Grade 7
Video <https://youtu.be/cDqiisBxcwl>

Best Logbook Award, presented by THE STEMIE COALITION
Sara Whybark; Assist
City Ann Arbor
State Michigan
Grade 12
Video https://drive.google.com/open?id=1z7Xi_nQ0rF8NODA8KFPg0UQ_i6EPWq9R

Best Display Board Award, presented by THE STEMIE COALITION
Jianna Nichols; Rido Red
City Tipp City
State Ohio
Grade 7
Video <https://youtu.be/8xGVphTINeQ>

Best Prototype Award, presented by THE STEMIE COALITION
Ben Kiefaber; Rear-Ender Defender
City Ridgefield
State CT
Grade 7
Video <https://www.youtube.com/watch?v=BvcYgsUXghk>

Chairman's Choice Award; presented by THE STEMIE COALITION
Addison Avery-Payne; The "Out-Fit" One Eco-Friendly Hanger for Life
City Ridgefield
State CT
Grade 5
Video <https://youtu.be/5aMc3X-D9JQ>

Staff's Choice Award, presented by THE STEMIE COALITION
Chad Billingsley; Game On
City Hollis
State New Hampshire
Grade 4
Video https://youtu.be/xLZZ_92PtM

Global Change Awards

Accessibility Award, presented by [3Doodler](#)
Isabella Parker, Kat Ramm
City Powder Springs
State Georgia
Grade 9
Video https://youtu.be/LP_AiOMrvZo

Community/Societal Benefit Award, presented by [The Lemelson Foundation](#)
Hannah Kaitharath; Whata Save
City Trumbull
State CT
Grade 4
Video <https://youtu.be/go3VyGdMJIs>

Jules Verne (Forward Thinking Inventiveness) Award, presented by [Pratt and Whitney](#)
Rumi Washington; GENER8R
City Maple Heights
State Ohio
Grade 5
Video <https://youtu.be/KqS0tB3igRM>

Taelyn Baiza; The Nautilus
City Boise
State Idaho

Grade 6

Video <https://youtu.be/m-T0glh8uNo>

Vibodh Ayyapureddi; Lookout Buddy

City Boise

State Idaho

Grade 3

Video <https://youtu.be/IBXCORvVfqE>

Best of Show Awards

Model I Youth Innovator Award, presented by The Henry Ford

Sidharth Anantha; Seeing for the Blind

City Lexington

State Massachusetts

Grade 10

Video <https://youtu.be/jRTRh8bigEo>

Best Engineering Awards, presented by Maxim Integrated

Noah Bruckner, Rishab Rao, Alexandra Holdmeyer; Hydraptor

City Marietta

State Georgia

Grade 10

Video <https://youtu.be/Dea29BNPdzk>

Most Visionary Award, presented by Koch Industries

Claire Rhodes; Toiletizer 2

City Powell

State Ohio

Grade 4

Video https://youtu.be/h4_HVljOcdk

Most Innovative Award, presented by Stanley Black & Decker

Quinn Holt; Wireless Energy Transmitter

City Coeur D Alene

State Idaho

Grade 4

Video https://youtu.be/VBCNIQ8_ISY

Most Sustainable Award, presented by United Technologies

Arya Bairat; EES Sustineri

City Milford

State CT

Grade 10

Video <http://www.youtube.com/watch?v=SwwiM-kNbF0>

