

MONROE COUNTY SCHOOL DISTRICT



STEM Fair Awards
2021

Thank you to our judges!



We would not be able to have this great event without the support of judges from these organizations:



The background of the slide is a large, irregular orange watercolor splash. The splash is centered and has a textured, painterly appearance with various shades of orange and yellow. It has several smaller splatters and droplets extending outwards from the main central shape. The text "Regional Qualifiers" is written in a white, sans-serif font, centered within the orange splash.

Regional Qualifiers

A large, abstract orange watercolor splash shape on the left side of the page, with various shades of orange and yellow, and some darker spots and splatters extending towards the right.

Poinciana Elementary School

4th Grade:

Aiden Lockwood

Jayde Zarate

Oliver Smouse

Aniston Montague, Matthew Gomez, & Karolina
Kukal

5th Grade:

Benjamin Delostrinos

Sophia Villavincencio

Alexander Holtcamp & Donnie Kirkpatrick

Michael Kaufman, Sawyer Hill, & Carson Crockett

A large, abstract orange watercolor splash graphic on the left side of the page, with various shades of orange and yellow, and some darker spots and splatters extending towards the right.

Gerald Adams Elementary

4th Grade GAE:

Liana Brown

Ryder Almeda and Mary Alice Davila

Nozima Erkinova and Aminabonu Kholmatova

Luis Hernandez and Kacper Kowalik

Hunter Hill and Daniel Morales

5th Grade GAE:

Wisnik Plaisir

Roger Mendoza- Barralaga

Faith Crump

Ava Estevez

Jalynn Barreto and Anaiya Marius

Sophie Sawyer and Ella Ramirez

A large, vibrant orange watercolor splash occupies the left side of the image, with various shades of orange and yellow blending into each other. It has a soft, painterly texture with some darker spots and lighter areas, giving it a dynamic and artistic feel. The splash extends from the top left towards the bottom center, with some smaller droplets and splatters trailing off to the right.

Key West High School

Nina Bowen

A large, abstract orange watercolor splash on the left side of the page, with various shades of orange and yellow, and some darker spots and splatters extending towards the center.

May Sands Montessori

6-8th

Dominika Wojciechowska

Rhyanna Rispoli

Jack Reynolds

Erin Saulnier

Devan Soni

4-5th

Nalani LaBeet

Shaan Soni

Hubert and Alexander Konopka

A large, vibrant orange watercolor splash occupies the left side of the image, with various shades of orange and yellow blending together. It has a soft, painterly texture with some darker spots and lighter areas, creating a dynamic and artistic background for the text.

Horace O'Bryant School

6-8th

Youdline Plaisir

Jackson Barroso and DJ Barrett

Sebastian Jeanpierre

Chloe Blackwell

Samantha Torna and Britney Salter

Rylan Owens

A large, vibrant orange watercolor splash occupies the left side of the page, with various shades of orange and yellow blending together. It has a soft, painterly texture with some darker spots and lighter areas, creating a dynamic and artistic background for the text.

Sigsbee Charter School

6-8

Neslo Atilla

Avery Sir

Caylaa Makimaa

Nathaniel Cabrera & Kevin Nguyen

Noah Burnham & Sam Holland

A large, vibrant orange watercolor splash occupies the left side of the page, with smaller orange droplets scattered across the white background.

Sugarloaf School

6-8

Shane Miller

Sunisa Kuhn

A large, textured orange watercolor splash graphic on the left side of the page, with smaller orange dots scattered around it.

Stanley Switlik Elementary

4th Grade

Jayden Davis

Damian Roque

Israel Ortiz

Emmett Risdon and Levi Davis

Bodie Keaton and Violet
Dunn

Evan Toman and Jamal
Beveney

5th Grade

Jade Trowsell

Ashley Franco

Ethan Wohlers

Todd Frank

Garrett Ruddy

Colton Huff

Taylor Huff

Zander Taute

Noah Sioui

A large, textured orange watercolor splash shape on the left side of the page, with various shades of orange and yellow, and some darker spots and splatters extending to the right.

Marathon High School

6-8

Ella Dunn

Cameron Globe

Ashley Rasmussen

Gabe Leal

Gavin Leal

Sara Strama

Justice Lee

Shilo Yeider

Brooklyn Bourassa

Tinashay Cunningham



Treasure Village Montessori

4th Grade

- Aubrey Kilmurray
- Mercer Zabransky
- Reaf Lustic
- Blaise Barnes
- Nicole Giodano

5th Grade

- Bethmarie Diaz
- Jason Lubis
- Arianna Talon
- Ian Ward
- Emma Sogegian
- Ethan Struhs

6-8

Sydney Eysenbach
Alessandra Ingold-Thompson
Rachel Rusch
Zachary Antonelli
Finn Gneiser
Tabitha Hille
Ivy Tideman

A large, textured orange watercolor splash shape on the left side of the page, with smaller orange droplets scattered around it.

Ocean Studies Charter School

4th and 5th Grade

Autumn Bodziak

Chase Whitehouse

Naiya Cornaire

Alex Rudolph

Aria Booton

Eleanor (Ellie) Rudolph

A large, irregular orange watercolor splash occupies the left side of the image, with smaller orange droplets scattered around it.

Coral Shores High School

Ryann Castle

Coral DePauw

Aiden Austin

Laira Gomer

Brooke Barrow

Diana Diaz

Elijah Blanco

Alex Sternberg

Amy Alvarez

A large, abstract orange watercolor splash graphic on the left side of the page, with various shades of orange and yellow blending together.

Plantation Key School

4th Grade

Saelor Warren

Isabella Sanchez

Sawyer Hammon

Cooper Chappell

Anthony Casale

Andres (Fabian) Cortez

Jacob Sanchez

Scotland McNew

Gavin Matheis

Spencer Connolly

5th Grade

Marina Daniel

Panagiotis Veves

John Myers Lopez

Mattie Lopez-Henriquez

Madeleine Hull

Max Pietruch

Conner Gazboda

6-8

Zane Rindom

Gavin Milne

Josephine Lyman

Logan Milchman

Ray Scuderi

Finn McDonough

Tyler Bettner

Ivy Hong

Adriana Gonzalez

A large, abstract orange watercolor splash graphic on the left side of the page, with various shades of orange and yellow, creating a textured, painterly effect.

Key Largo School

4th and 5th Grade

Jillian Thiery

Coralyn Frimpter

Gabriella Del

Ryland Dixon

Hayden Curll

Jordan Brown

Jack Brown

Colt Brown

Nataly Mendoza

Jackie Sanchez

Sophie Barry

Haley Rangel

Chloe Kessler,

Isla Atwill,

Jaelyn De La Osa

6-8

Robert Aleman

Sebastian McCoy

Austin Vogt

Jack Collins

Rachel De La Osa

Annalay Jehle

Andiris Ledesma

Luna Forero Sanchez

Jaylin Spencer

Isabella Rodriguez

Riley Martinez



Monroe District Virtual School

4th and 5th Grade

Emily Alvear Villafuerte

Bryce Vaeth

Johnathan Oggeri

Andrew Harvey

Kylie R. Krystofic

Walker R. Absten

Kaleb Roberts

Matteui Bastillada

Brody English

Regional Category Awards



Animal Science

1	E7 TVM	Righty or Lefty	Emma Sogegian
2	E2 OSC	Animal Biodiversity	Aria Booton
3	E1 GAE	Rabbit Jumps	Faith Crump

Animal Science

1	J4 TVM	Plant Based Chum Vs Fish Chum	Ivy Tideman and Tabitha Hille
2	J2 MMHS	How Ruff is Your Dog's Mouth?	Eleanor Dunn
3	J1 KLS	Is the myth about all dogs looking like their owner true?	Andiris Ledesma Marinez and Luna Forero Sanchez

Behavioral Science

1	E10 SSE	Toostie Pop Testing	Noah Sioui and Alexander Taute
2	E9 MDVS	How does different music affect some animals?	Emily Alvear Villafuerte
3	E8 GAE	Do boys or girls say hi more?	Jalynn Barreto and Anaiya Marius

Behavioral Science

1

J5
PKS

Video Game Music
Tempo Effects

Gavin
Milne

Biomedical Science

1	E14 PKS	Worst Soda for your teeth!	Marina Lily Daniel
2	E16 POI	Mask and You Shall Receive	Carson Crockett
3	E17 TVM	How Does Caffeine Effect Heart Rate	Ethan Struhs

Biomedical Science

1	J6 HOB	Which Mask is the Safest?	Sebastian Jeanpierre
2	J8 TVM	Face Masks and Blood Oxygen	Rachel Rusch
3	J7 PKS	Does Hand Sanitizer Work?	Ivy Hong and Adriana Gonzalez

Chemistry

1	E24 OSC	Dissolving Fish Hooks	Autumn Dawn Bodziak
2	E26 PKS	Ready, Set, Melt!!!	Panagiotis Veves
3	E28 MDVS	Dip,dip,fizz,fizz	Andrew Harvey

Chemistry

1	J12 PKS	Chemistry in the Kitchen	Logan Milchman and Raymond Scuderi
2	J13 PKS	Metal in Your Mouth for Breakfast	Zane Rindom
3	J11 MMHS	Disinfecting Germs	Ashley Rasmussen

Chemistry

1

S3 CSHS

Rusty Hooks

Coral De Pauw

Cellular and Molecular Biology and Biochemistry

1	E34 POI	Which Food Spoil the Fastest?	Michael Kaufman
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Cellular and Molecular Biology and Biochemistry

1	J14 KLS	What is the effect of alcohol temperature on the amount of DNA extraction from a strawberry?	Rachel De La Osa and Annalay Jehle
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Earth and Environmental Science

1	E41 OSC	Fertilizer in the ocean	Alex Rudolph
2	E35 GAE	Durability of Decomposing Straws	Ava Estevez
3	E42 PKS	Soak It Up!	Sawyer Hammon

Earth and Environmental Science

1	J16 KLS	Does Bisphenol A (BPA) leach into soil after being heated?	Robert Aleman
2	J17 KLS	Lighting Up the Sky	Sebastian McCoy
3	J18 PKS	Reef Safe & Unsafe Sunscreens ...effect on the ocean environment	Finn McDonough and Tyler Bettner

Earth and Environmental Science

1	S1 CSHS	How Did The Keys Closing Affect Our Oceans?	Aidan Austin
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Environmental Engineering

1	E48 KLS	Solar Oven	Jack Brown
2	E47 KLS	Buttery Fingers	Coralyn Frimpter
3	E49 PKS	Can We Reuse Trash at School to Learn	Max Pietruch, Fabian Cortez and Conner Gazboda

Environmental Engineering

1	J19 SCS	Sound Barriers!	Kevin Nguyen and Nathaniel Cabrera
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Environmental Engineering

1	S4 CSHS	The True Definition of Green Buildings.	Ryann Castle
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Engineering

1	E51 MDVS	Slingshots Galore!	Kylie R. Kristofic and Walker R. Absten
2	E52 POI	How to get a Wifi Signal	Jayde Zarate
3	E55 TVM	Iron Man	Reaf Lustic

Engineering

1	J22 KLS	Parachutes and Ladders	Jack Collins
2	J23 MSM	Maglev Train	Jack Reynolds
3	J26 TVM	The Coriolis Effect	Finn Gneiser

Engineering

1	S2 CSHS	Rockin' Rocket Experiment	Laira Gomer, Brooke Barrow and Diana Diaz
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Intelligent Machines, Robotics and Systems

1	E57 TVM	How to update an old computer to run faster	Piper Tarves
2	E56 GAE	THE JUNKBOT	Liana Brown

Intelligent Machines, Robotics and Systems

1

J27 TVM

Magic Mirror

Sydney Eysenbach

Mathematical and Computational Sciences

1	E58 POI	Probably Probability	Benjamin Delostrinos
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Microbiology

1	E60 PKS	The Secret Mind of Slime	Madeleine Hull
2	E61 TVM	Germs In Your House	Bethmarie Diaz
3	E59 KLS	Is There Bacteria in Food?	Nataly Mendoza and Jaquelyn Sanchez

Physics

1	E68 POI	Water Rocket	Sawyer Hill
2	E67 POI	Does the Size of a Parachute Matter?	Oliver Smouse
3	E66 PKS	Skateboard Going the Distance	John Myers

Physics

1	J40 SCS	Testing Baseball Exit Velocity	Noah Burnham and Samuel Holland
2	J30 MMHS	What Will Conduct More Electricity Freshwater or Saltwater	Cameron Globe
3	J34 TVM	Tree Rockets and the Aerodynamics of a 3D Object	Zachary Antonelli

Plant Science

1	E72 OSC	Coffee Grounds and Plant Growth	Chase Whitehouse
2	E73 OSC	How does reused dish water affect plant growth?	Ellie Rudolph
3	E77 TVM	Fertilizer Truth.	Nicole Giodano

Plant Science

1	J38 SCS	Laser Plant Growth	Caylaa Makimaa
2	J36 MMHS	HURRICANES V. PLANTS	Gabe Leal and Gavin Leal
3	J35 MMHS	Extracting DNA from Berries!	Brooklyn Bourassa and Tinashay Cunningham

Plant Science

1	S5 KWHS	The Effects of High Concentrations of Nitrates and Phosphates in Runoff	Nina Bowen
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Special Awards



Broadcom Masters Junior Awards

- Ivy Tideman and Tabitha Hille
- Kevin Nguyen and Nathaniel Cabrera*
- Jack Collins
- Sydney Eysenbach
- Noah Burnham and Samuel Holland
- Caylaa Makimaa
- Gavin Milne
- Sebastian Jeanpierre
- Logan Milchman and Raymond Scuderi
- Rachel De La Osa and Annalay Jehle
- Robert Aleman

* Lemelson Early Inventors Award

Florida Association of Science Teachers Awards





FAST Award Winners

Elementary Division

Alex Rudolph- Ocean Studies Charter School

Junior Division

Robert Aleman- Key Largo School

Senior Division

Aidan Austin- Coral Shores High School

A close-up photograph of a hand holding a gold medal. The medal is circular with a laurel wreath border and a central emblem. A red ribbon is attached to the top of the medal and extends towards the top right corner of the frame. The background is a soft, out-of-focus light blue and white.

Grand Awards

Elementary Group Grand Award Winners

E41 OSC	Fertilizer in the ocean	EAEV	Alex Rudolph
E68 POI	Water Rocket	PHYS	Sawyer Hill
E24 OSC	Dissolving Fish Hooks	CHEM	Autumn Dawn Bodziak

Junior Group Grand Award Winners and State Qualifiers

J16 KLS	Does Bisphenol A (BPA) leach into soil after being heated?	EAEV	Robert Aleman
J17 KLS	Lighting Up the Sky!	EAEV	Sebastian McCoy
J19 SCS	Sound Barriers!	ENEV	Kevin Nguyen and Nathaniel Cabrera
J6 HOB	Which Mask is the Safest?	BMED	Sebastian Jeanpierre

Senior Group Grand Award Winners and State Qualifiers

S1 CSHS	How Did The Keys Closing Affect Our Oceans?	EAEV	Aidan Austin
S4 CSHS	The True Definition of Green Buildings.	ENEV	Ryann Castle
S5 KWHS	The Effects of High Concentrations of Nitrates and Phosphates in Runoff	CHEM	Nina Bowen Laira Gomer, Brooke Barrow and Diana Diaz
S2 CSHS	Rockin' Rocket Experiment	ENMS	

State Qualifiers- Next Steps:

1. Entry form will be sent to student and teachers email MONDAY Morning. It will need to be completed and signed by parents and students and returned no later than Thursday February 25th.
2. Official Abstract must be submitted- here is a link to complete the abstract on the official form- no other form will be accepted:
 1. Instructions for Abstract- <https://ssefflorida.com/wp-content/uploads/2016/10/Instructions-for-Required-Abstract.pdf>
 2. Abstract Form: <https://ssefflorida.com/wp-content/uploads/2016/10/2021-66th-SSEF-Abstract.pdf> (download first to edit)
3. Additional Paperwork- If you require additional forms, I will include the information in the email that contains the entry form.
4. Please email if you have any questions- Melissa.Alsobrooks@keysschools.com

ALL STATE PAPERWORK IS DUE BY THURSDAY FEBRUARY 25TH.

Thank you for your
support!