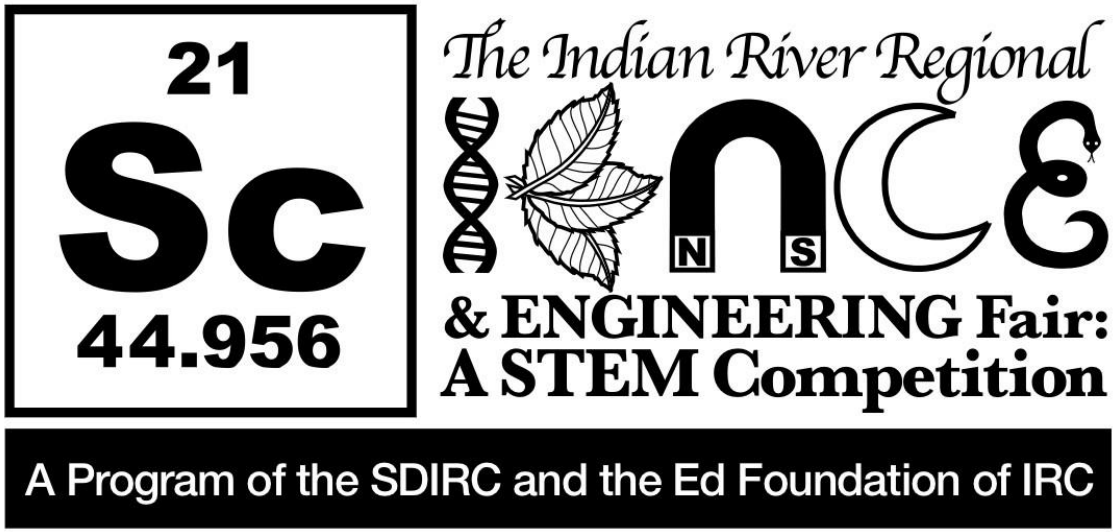
29th Annual Indian River Regional Science & Engineering Fair



Elementary Division Awards Ceremony

Welcome to the 29th Annual Indian River Regional Science and Engineering Fair Virtual Awards Ceremony

Introducing Mr. Patrick Hiser,

School District Science Specialist

STRONGER
SDIRC
TOGETHER

Introducing Dr. Moore,

Superintendent of Schools

School Board of Indian River County

Brian Barefoot, Board Chairman, District 5

Teri L. Barenborg, Vice-Chairman, District 4

Dr. Peggy Jones, District 3

Jacqueline Rosario, District 2

Dr. Mara Schiff, District 1

School District of Indian River County Leaders

Dr. David K. Moore, Ed.D., Superintendent of Schools

Scott Bass, Deputy Superintendent

Pam Dampier, Assistant Superintendent of Strategic Planning

Ron Fagan, Chief Financial Officer

Cristen Maddux, Public Information Officer

Richard Myhre, Assistant Superintendent of Curriculum & Instruction

EDUCATION FOUNDATION OF INDIAN RIVER COUNTY

OPENING DOORS TO STUDENT SUCCESS

Introducing Mr. Herron,

Executive Director of the Education Foundation

The Education Foundation

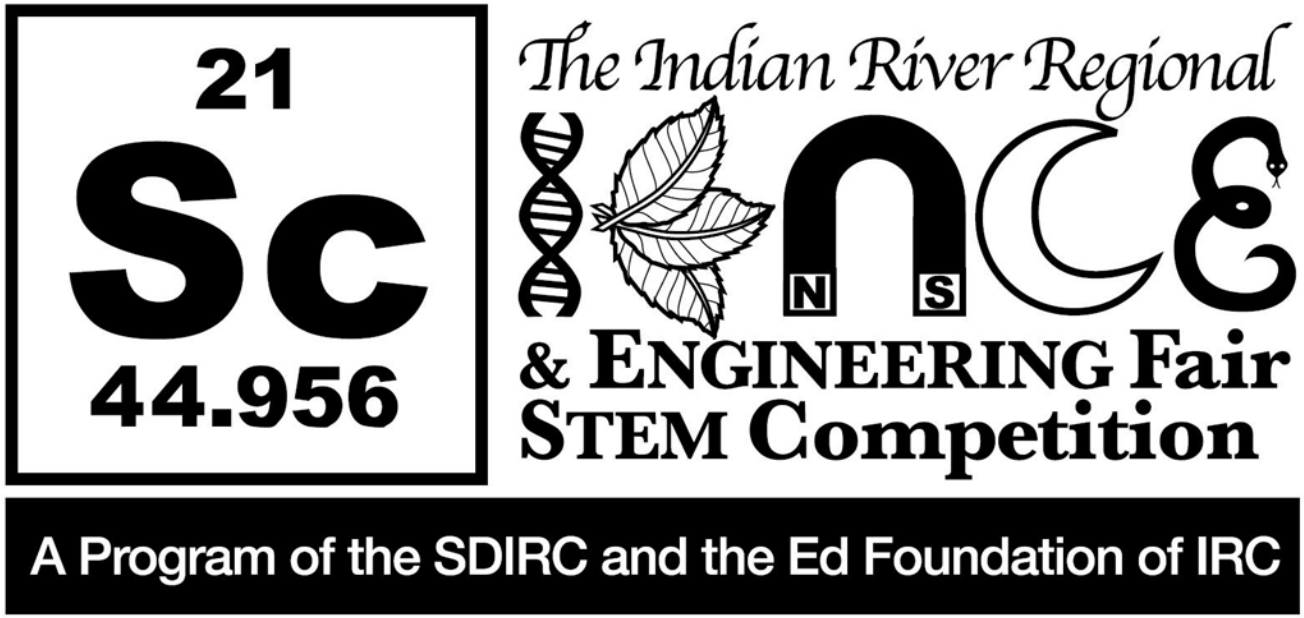
2021 Board of Directors

President - Bill Douglass
President-Elect - James Elford
Secretary - Marion Manchester
Treasurer - James McGuigan, CPA
Volunteer Coordinator - Marion Manchester
Board Member- Laica Gerwien-Moreta
Board Member- Lee Moore

Ed Foundation Staff

Executive Director - Douglas Herron
Administrative Assistant - Jaya Dong
Special Events Coordinator - Janie Hoover

The 29th Annual Indian River Regional Science & Engineering Fair



Was Made Possible By the Following

IRRSEF Planning Committee

IRSSEF Regional Science Coordinators

Elementary – Patrick Hiser
Secondary – Lisa Presti

School District of IRC Science Specialists

Elementary - Becky Teske
Secondary – Patrick Hiser
STEAM Specialist – April Perez

Education Foundation Executive Officer

Douglas Herron

Education Foundation Administrative Assistant

Jaya Dong

Science Fair Forms Intelligence Specialist

Ang Dong

2020/2021 Scientific Review Committees

Institutional Review Board

Ms. Patricia Draper, ARNP
Ms. Carol Koiro, MS, PA-C Lawnwood Medical Ctr
Scott Simpson, ED. S. Leadership, Principal Oseola Magnet
Mrs. Lisa Presti, M. Ed.

Scientific Review Committee

Dr. Kattis Stengard, DVM
Mrs. Melissa Sleeper, M.A.T., M.Ed.
Dr. Linda B Clerch, Ph.D., Prof. Emerita Georgetown University
Mrs. Lisa Presti, M. Ed.
Mr. Patrick Hiser, M. Ed.

Grand Sponsors

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Fair Sponsors

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American Association of University Women

Harbor Branch Oceanographic Institute Foundation

Dr. Holly Hamilton, DMD – Riverside Family Dental

Mr. John Lang - Florida Water & Pollution Control Operators Association

Ms. Sherry Chaput – Avion Trace Group, LLC

Dr. Dennis Hanisak

Mr. Patrick Hiser

Thank You to Our Judges

Dr. Fran Adams
Mr. Robert Banov
Mrs. Joanne Blum
Mrs. Carol Braun
Mr. Ron Braun
Mr. Bob Bridigum
Mr. Philip Caliendo
Mrs. Megan Carroll
Mrs. Sherry Chaput
Mr. William Choate
Dr. Linda Clerch
Mrs. Celeste Cook
Dr. Tom D'Elia
Mr. Ang Dong
Mrs. Jaya Dong
Mr. William Douglass
Dr. Scott Ferguson
Ms. Shannon Green
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Ms. Kristen Jones
Mr. Elliott Jones
Mr. Leonard Kaczynski
Mr. Sean Kashawlic
Mrs. Martha Kucinsky
Dr. Catherine Long
Mr. Thomas Loomis
Mrs. Mary Loomis
Mr. David LoPresti
Mr. Richard Lynch
Mr. Brooke Lynch
Mr. Curtis Martin
Mr. John McAleer
Mrs. Stephanie McGowan
Ms. Kathleen McLaughlin
Mrs. Rosemary McQuade-Schlieper

Thank You to Our Judges

Dr. Heather Michaels
Mrs. Jenifer Mina
Mr. Carmen Miranda
Dr. Eileen Monuszko
Mrs. Cheyenne Newsome
Dr. Randy Niedz
Ms. Maureen O'Hara Shupe
Ms. Sheila O'Connell
Dr. Ethan Parker
Mr. Patrick Pitts
Mrs. Nancy Rane
Mr. Phil Rane
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Mrs. Sheila Sackman
Mr. Seth Sackman
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Mrs. Manon Sander
Mr. Robert Schlieper
Ms. Sierra Schluep
Ms. Halle Sellers
Mr. Don Selm
Dr. S. James Shafer
Mrs. Jeanette Shaw
Ms. Kristin Sloyer
Mr. John Brooks Smith
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Mr. Taylor Stawara
Ms. Yvonne Steere
Mrs. Chris Stephenson
Mrs. Susan Taylor
Mr. Milo Thornton
Mrs. Christine Vicars
Mrs. Claudia Wahl
Ms. Julie Watson
Mr. Travis Wrzesniewski

Awards!

4 Types of Projects

Class Project – a project that an entire class works on and completes together.

Group Project – a project that is worked on and completed by a small group of students in a class.

Team Project – a project that is worked on and completed independently by 2 students together during and/or outside of school.

Individual Project – a project that is worked on and competed independently by a single student during and/or outside of school.

Who Gets What?

All presenting students receive a medal

Winning CLASS or GROUP Projects

For **Place** Awards

- Cash Award is Awarded to the School/Classroom
- A Certificate for the Teacher
- The Presenting Students Each Receive a Rosette
- Each member of the winning CLASS/GROUP will receive a peaked place ribbon

For **Special** Awards

- Cash Award is Awarded to the School/Classroom
- The Teacher Will Receive a Certificate to Display (unless otherwise noted)
- Presenting Students Will Each Receive a Certificate (unless otherwise noted)

Who Gets What?

All presenting students receive a medal

Winning TEAM Projects

For **Place** Awards

- Cash Awards Are Awarded To the Students and Will Be Evenly Split Among Team Members.

Example: If A 2 Student Team Wins 1st Place ($60) Each Team Member Will Receive $30.

- Each Student Receives a Rosette

For **Special** Awards

- Cash Awards Are Awarded To the Students - TEAM Awards Will Be Evenly Split Among Team Members (unless otherwise noted)
- Each Student Receives a Certificate (unless otherwise noted)

Who Gets What?

All presenting students receive a medal

Winning INDVIDUAL Projects

For **Place** Awards

- Cash Awards are Awarded to the Individual Student
- The Individual Student Receives a Rosette

For **Special** Awards

- Cash Awards are Awarded to the Individual Student
- The Individual Student Receives a Certificate (unless otherwise noted)

Special Awards!

The Linda Voss Excellence in Life Science Award

$50 Cash Award & a Ribbon

Ali Crawford

Rosewood Magnet School

R3-I – Gulping Fish

The Dong Family Young Scientist Award

$50 Cash Award (per project), a Medal & a Ribbon

McKayla Cloran

Treasure Coast Elementary School

T5E – Tie Dye

Isabelle Acosta

Treasure Coast Elementary School

T5D – Do Mints Cool Things Down?

Tori-Ann Roberts

Dodgertown Elementary School

D5E – Floating eggs

Flying Forward Class Award

Sponsored by Avion Trace Group, LLC

$100 Cash Award, Certificates of Achievements (for the Teacher & Presenting Students) & Ribbons for Teacher and All Students.

Ms. Pylant's 1st Grade Class

Citrus Elementary School

C1 – Drag or No Drag

Presented by: Audrey Graley & Masaki Nemoto

Flying Forward Team Award

Sponsored by Avion Trace Group, LLC

Each Team Member Receives a $50 Cash Award & Ribbon

Hadley Miller, Emme Bryant & Payton Kaplan

Liberty Magnet School

L1-5F – Kateryna's Wing

Flying Forward Individual Award

Sponsored by Avion Trace Group, LLC

$100 Cash Award & a Ribbon

Tyler Crockett

Sebastian Elementary School

S5E – How does the weight of a paper airplane affect its ability to fly?

Place Awards

Award Amounts:

1st Place	$60
2nd Place	$40
3rd Place	$20

Don't Forget:

Classroom & Group Projects -> $ is Awarded to the School/Classroom

Individual & Team Projects -> $ is Awarded to the Student(s)

Checks will go out in a few weeks

Kindergarten Class Awards

Kindergarten Class
3rd Place

There Was a Tie!

Mrs. Lewis' Class

Rosewood Magnet School

RK – Soda Explosion

Presented By: Elaine Wingate & Morgan Bailey

&

Mrs. Gamez's Class

Liberty Magnet School

LK –"What's that Smell?!"

Presented By: Lainey Williams & Taraji Curtis

Kindergarten Class
2nd Place

Mrs. Vanderlaan's Class

Citrus Elementary School

CK – Help our Apples

Presented By: Peyton Adams & Julia Vanbuskirk

Kindergarten Class
1st Place

Ms. Robert's Class

Vero Beach Elementary School

VK – Musical Jars

Presented By: Peyton Hanna & Paton Peterson

1st Grade Class Awards

First Grade Class
3rd Place

Mrs. Jones' Class

Fellsmere Elementary School

F1 – Gummy Bears Take a Swim

Presented By: Maya Lockett & Lidiana Vásquez Cruz

First Grade Class
2nd Place

Mrs. Dossantos' Class

Glendale Elementary School

G1 – Color and Heat

Presented By: Jaxon Porter & Jared Gomez

First Grade Class
1st Place

Ms. Mosher's Class

Vero Beach Elementary School

V1 – Slow Lines Fast Lines

Presented By: Madalyn Kozark & Anthony Lobo

1st Grade Individual Awards

First Grade Individual
1st Place

Jaya Whiddon

Beachland Elementary School

B1-I: Laser Obstacle Course

2nd Grade
Class Awards

Second Grade Class
3rd Place

There Was a Tie!

Mrs. Van Auken's Class

Rosewood Magnet School

R2 – And They're Off

Presented By: Jackson Golightly & John-Paul Ministre

&

Miss Lachman's Class

Fellsmere Elementary School

F2 – Just Keep Rollin'

Presented By: Lizbeth Guerra & Damian Morales

Second Grade Class
2nd Place

Mrs. Thimmer's Class

Pelican Island Elementary School

P2 – Digging Deeper

Presented By: Olivia McCabe & RJ Reeder

Second Grade Class
1st Place

Ms. Canevari's Class

Vero Beach Elementary School

V2 – Strong Attraction - Hot or Cold

Presented By: Jayna Dennis & Hailey Boyington

3rd Grade
Division A – Class & Group Awards

Third Grade
Division A – Class & Group
3rd Place

Mrs. Lott's Class

Pelican Island Elementary School

P3A – I Say Decompose, You Say Breakdown

Presented By: Amiah Tumblin & Justin Pryor

Third Grade
Division A – Class & Group
2nd Place

Ms. Miller's Class

Beachland Elementary School

B3A – Sink or Swim

Presented By: Dimetry Cabral & Ryan Shahamat

Third Grade
Division A – Class & Group
1st Place

Mrs. Benham's Class

Treasure Coast Elementary School

T3A – Smash Mining

Presented By: William Alvey & Liam Dean

3rd Grade
Division B - Class & Group Awards

Third Grade
Division B – Class & Group
3rd Place

There Was a Tie!

Mrs. Hoag's Class

Liberty Magnet School

L3B – Rethink Your Drink

Presented By: Jillian Johnson & Natalie Tomas

&

Miss. St. Pierre's Group

Citrus Elementary School

C3B – Take Flight because of Height

Presented By: Michael Obannon- El & Melissa Viveros

Third Grade
Division B – Class & Group
2nd Place

Mrs. Strickland's Class

Fellsmere Elementary School

F3B – Browning Apples

Presented By: Sarabeth Gonzalez & Armani Egizi

Third Grade
Division B – Class & Group
1st Place

Mrs. Wagner's Group

Osceola Magnet School

O3B – Laser Light Maze

Presented By: Blake Bruckner, Anabella Botero, Santiago Lagunas & Arianna Gonzalez

3rd Grade
Division C – Class & Group Awards

Third Grade
Division C – Class & Group
3rd Place

Mrs. Watson's Class

Treasure Coast Elementary School

T3C – Soda, Sink or Float

Presented By: Braxton Neglia & Reagan Rollman

Third Grade
Division C – Class & Group
2nd Place

Mrs. Young's Class

Liberty Magnet Elementary School

L3C – Clean Cents

Presented By: Annie Bragman & Ramsay Grendon

Third Grade
Division C – Class & Group
1st Place

Mrs. Napier's Class

Glendale Elementary School

G3C – Now We're Cooking

Presented By: Maddie Porter & Celene Manzo

3rd Grade
Division D – Class & Group Awards

Third Grade
Division D – Class & Group
3rd Place

Mrs.Lott's Class

Pelican Island Elementary School

P3D – Decomposition Proposition

Presented By: Niasiah Osborn & Param Patel

Third Grade
Division D – Class & Group
2nd Place

Ms. Celaya's Class

Rosewood Magnet School

R3D – Eggnamel Erosion

Presented By: Sophia Escobar & Bryson Durrant

Third Grade
Division D – Class & Group
1st Place

Mrs. Berwick's Group

Vero Beach Elementary School

V3D – Shirt Power

Presented By: Elizabeth Zaniewski & Emily Shelly

3rd Grade
Division E – Individual Awards

Third Grade
Division E – Individual
2nd Place

Ali Crawford

Rosewood Magnet School

R1-3I: Gulping Fish

Third Grade
Division E – Individual
1st Place

Lydia Lewis

Rosewood Magnet School

R3I: Safe Weed Killer

4th Grade
Division A - Class Awards

Fourth Grade
Division A – Class
3rd Place

Mrs. Prince & Mrs. Riley's Class

Liberty Magnet Elementary School

L4A – Soak It UP!

Presented By: Emily Ogilvie & Camilla Dadufalza

Fourth Grade
Division A – Class
2nd Place

Mrs. Hanlon's Class

Rosewood Magnet School

R4A – Balloon Power

Presented By: Saige Lupo & Cohen Kelly

Fourth Grade
Division A – Class
1st Place

Ms. Cade's Class

Rosewood Magnet School

R1-4A – The Heat Is On

Presented By: Madeline Partee & Kenley Cyr

4th Grade
Division B - Group Awards

Fourth Grade
Division B – Group
3rd Place

Ms. Glickstein's Group

Pelican Island Elementary School

P4B – Is Composting Good for the Earth?

Presented By: Bella Tillman & Riley Quinones-Crowley

Fourth Grade
Division B – Group
2nd Place

Miss Hinkle's Group

Fellsmere Elementary School

F4B – Car Speed

Presented By: Vianney Zamarripa & Salvador Lopez

Fourth Grade
Division B – Group
1st Place

Ms. Preziosi's Group

Sebastian Elementary School

S1-4B – Honourable Mintion

Presented By: Jalani Payne

4th Grade
Division C - Group Awards

Fourth Grade
Division C – Group
3rd Place

Mr. Conway's Group

Vero Beach Elementary School

V1-4C – Everlasting Bubble

Presented By: Chance Donley & Carlos Shelly

Fourth Grade
Division C – Group
2nd Place

Ms. Preziosi's Group

Sebastian Elementary School

S4C – Mint Condition

Presented By: Jacob Hurtado & Alexandria Upham

Fourth Grade
Division C – Group
1st Place

Ms. Preziosi's Group

Sebastian Elementary School

S1-4C – Temper Mints

Presented By: Tyler Uebel

4th Grade
Division D - Group Awards

Fourth Grade
Division D – Group
3rd Place

Ms. Baird's Group

Indian River Academy

I4D – Ramp It Up!

Presented By: Mahlia Martin & Jocelyn Rosales-Trejo

Fourth Grade
Division D – Group
2nd Place

Ms. Cox's Group

Sebastian Elementary School

S4D – What Conditions Do Potatoes Sprout the Fastest?

Presented By: Sara Reese & Wesley Mooney

Fourth Grade
Division D – Group
1st Place

Ms. Glickstein's Group

Pelican Island Elementary School

P1-4D – Lets Compost!

Presented By: Heidi Little & Bianca NcCrary

4th Grade
Division E - Group Awards

Fourth Grade
Division E – Group
3rd Place

There Was a Tie!

Ms. Preziosi's Group

Sebastian Elementary School

S4E – Mintal Calculation

Presented By: Jayla Brown & Marcos Juna-Ortiz

&

Mrs. Morrow's Group

Osceola Magnet School

O4E – Imperfect Insulators

Presented By: Henley Lowe & Gabriella Hollingsworth

Fourth Grade
Division E – Group
2nd Place

Ms. Glickstein's Group

Pelican Island Elementary School

P4E – Compost on Your Mind?

Presented By: Alonna Gedeon & Alanah Antinozzi

Fourth Grade
Division E – Group
1st Place

Mrs. Morrow's Group

Osceola Magnet School

O1-4E – AJ Insulators

Presented By: Aiden Sharpeta & Jason Diaz

4th Grade
Division F - Individual & Team Awards

Fourth Grade
Division F- Individual & Team
3rd Place

Alex Singh

Beachland Elementary School

B4F: Electromagnet

Fourth Grade
Division F- Individual & Team
2nd Place

Uma Crifulli & Leela Padnuk

Beachland Elementary School

B4-4F: Mangrove Magic

Fourth Grade
Division F- Individual & Team
1st Place

Xander Manu

Rosewood Magnet School

R2-4F: Stacking Water

5th Grade
Division A - Class Awards

Fifth Grade
Division A- Class
3rd Place

Mrs. Walton & Mrs. Pressley's Class

Glendale Elementary School

G5A – Operation Build a Bridge and Get Over It

Presented By: Karmella Mompreousse & Breckin Coffey

Fifth Grade
Division A- Class
2nd Place

Ms. O'Neal's Class

Vero Beach Elementary School

V5A – Salt On a Sub

Presented By: Gary Parris

Fifth Grade
Division A- Class
1st Place

Mrs. Walton & Mrs. Pressley's Class

Glendale Elementary School

G1-5A – Operation Build a Bridge and Get Over It

Presented By: Stella Schasane & Gernesia Helms

5th Grade
Division B - Group Awards

Fifth Grade
Division B – Group
3rd Place

Ms. Becker's Group

Fellsmere Elementary School

F5B – Faster than Friction

Presented By: Crystal Ortiz & Danella Williams

Fifth Grade
Division B – Group
2nd Place

Mrs. Shukri 's Group

Sebastian Elementary School

S5B – Bears of Science

Presented By: D'Andre Massey & Jayden Patterson

Fifth Grade
Division B – Group
1st Place

Mrs. Bruckner's Group

Osceola Magnet School

O5B – BOMZ Bridges

Presented By: Jaxon Zawistowski, Emily Brown, Alyah Moobark & Andrew Osowski

5th Grade
Division C - Group Awards

Fifth Grade
Division C – Group
3rd Place

Mrs. Woodall's Group

Osceola Magnet School

O5C – Sunshine Bridges

Presented By: Andrew Nance, Mia Fajardo, Lizabeth Juarez & Dylan Colom

Fifth Grade
Division C – Group
2nd Place

Ms. Jenkin's Group

Liberty Magnet School

L1-5C – 3…2…1…Liftoff!

Presented By: Kelly Speak & James Hanline

Fifth Grade
Division C – Group
1st Place

Mrs. Getchell's Group

Liberty Magnet School

L5C – Just Keep Fizzing

Presented By: Olivia Gaughran & Payge Hunter

5th Grade
Division D – Individual Awards

Fifth Grade
Division D – Individual
3rd Place

Rachel Garrett

Osceola Magnet School

O5D: Ember - Gathering Hall

Fifth Grade
Division D – Individual
2nd Place

Memphis Rains

Rosewood Magnet School

R5D: Energy Crisis

Fifth Grade
Division D – Individual
1st Place

Luke Wagner

Rosewood Magnet School

R1-5D: Rotifer Fast Food

5th Grade
Division E – Individual Awards

Fifth Grade
Division E – Individual
3rd Place

Corin Suthard

Liberty Magnet School

L5E: Angles of Refraction and Incidence Using a Laser

Fifth Grade
Division E – Individual
2nd Place

Ainsley Brown

Rosewood Magnet School

R1-5E: Lighten It Up

Fifth Grade
Division E – Individual
1st Place

Elijah Gray

Rosewood Magnet School

R5E: Champ or Cheat

5th Grade
Division F – Team Awards

Fifth Grade
Division F – Team
3rd Place

Gianna D'Elia
& Maison Mosher

Osceola Magnet School

O2-5F: Ember - Granny & Murdo

Fifth Grade
Division F – Team
2nd Place

Aurora Downes
& Ariana Bolton

Liberty Magnet School

L5F: Ready, Set, Launch

Fifth Grade
Division F – Team
1st Place

Serenity Marsh
& Chanel Langford

Osceola Magnet School

O1-5F: Ember - Granny & Lina

Best of Show
Kindergarten – 3rd Grade

Best of Show

Kindergarten – Third Grade

Presented By: Piper Aircraft Corporation

$100 Cash Award and a Ribbon

Lydia Lewis

Rosewood Magnet School

R3I: Safe Weed Killer

Best of Show
4th Grade – 5th Grade

Best of Show

Fourth – Fifth Grade

Presented By: Piper Aircraft Corporation

$100 Cash Award and a Ribbon

Luke Wagner

Rosewood Magnet School

R1-5D: Rotifer Fast Food

21
Sc
44.956

The Indian River Regional SCIENCE & ENGINEERING Fair STEM Competition

A Program of the SDIRC and the Ed Foundation of IRC

Congratulations to all the participants and award winners of the 2021 IRRSEF