

Fairchild Challenge Awards



Participating Schools 2022-2023 Nautilus MS Air Base K-8 Center For International Education Henry S. West Laboratory School Norland MS Hialeah Gardens Middle School Aventura Waterways K-8 Center North Miami MS Carrollton School of the Sacred Heart Irving and Beatrice Peskoe K-8 **NSU University School** Christi/STEPSS Academy Jorge Mas Canosa MS Palm Springs Community Middle School Coconut Palm K-8 Academy Jose Marti MAST 6-12 Academy Palm Springs MS Cypress K-8 **Key Largo School**

Kinloch Park MS

Leewood K-8 Center

La Scuola

Doral International Academy of Math & Science

Dorothy Wallace COPE Center

Eugenia B. Thomas K-8 Center

Everglades Preparatory Academy

Fienberg/Fisher K-8 Center

Frank C. Martin K-8 Center

Florida Christian School

Everglades K-8



Southside Preparatory Academy

Southwood Middle School

St. Agatha Catholic School St. Kevin Catholic School

Vineland K-8 W. R. Thomas MS

West Miami MS Westminster Christian School

Young Women's Preparatory Youth Co-Op Charter School

Pinecrest Glades Academy Maritime and Science Tech Academy Ponce De Leon MS Mater Grove Academy Academy Renaissance Middle Charter School Mater Lakes Academy Middle School Richmond Heights MS Miami Community Charter Middle School Riviera MS Miami Lakes K-8 Center Rockway MS Miami Springs Middle

Palmer Trinity School

Pembroke Pines Charter Middle

Palmetto MS

George Washington Carver MS Ruben Dario MS Glades MS Gulliver Academy Middle School 58 Schools participated!





Thank You Judges!









EDUCATOR CHALLENGE:

Expedition Discovery

Educator Challenge: Middle School



Alejandra F.

Key Largo School

SPECIAL MERIT:
Director's Choice – Creative
Integration of Art and Nature



Educator Challenge: Middle School



Bettina A.

West Miami Middle School

FIRST PLACE





CHALLENGE 1:

Bee the Change



Green Studies Group 1

Vineland K-8 Center

SPECIAL MERIT:

Compelling Speaker



Group 3

Henry S. West Laboratory School

SPECIAL MERIT:

Great Science Communicator



BEElievers

Palmetto Middle School

SPECIAL MERIT:

Most Detailed Research



Pollinators are Perfect Team

Maritime & Science Technology Academy

SECOND PLACE



Bee Explorers

Aventura Waterways K-8 Center

SECOND PLACE



Speech and Debate Jaguars Team 1

Hialeah Gardens Middle School

FIRST PLACE



CHALLENGE 2:

Green Treasures - Food of the Gods



Green Treasures: Student Workshop



Photos by Fairchild Staff as well as students and teachers from Dorothy M. Wallace COPE Center



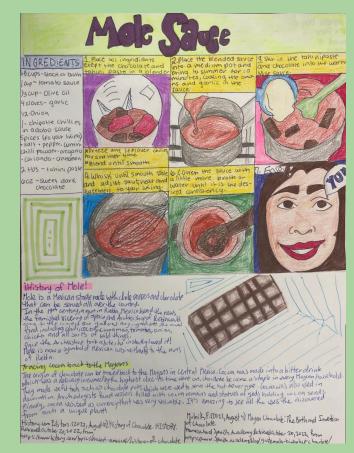




Mole Group

Maritime & Science
Technology Academy

SPECIAL MERIT: Thorough Research







Green Studies Group 1

Vineland K-8 Center

SPECIAL MERIT:

Professional Presentation







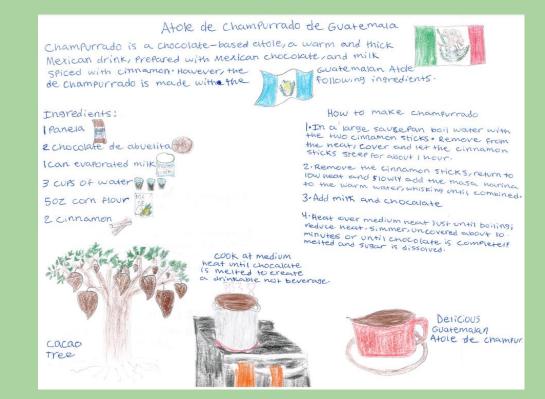
Dominga H.

Dorothy M. Wallace COPE

Center

SPECIAL MERIT:

Great Cultural Connection







Nataly & Maddison

Key Largo School

SECOND PLACE

Ingredients:

- · 1 1/2 cups of water
- 1 green chile pepper, sliced
- · 4 cups of water
- 1/4 cup unsweetened cocoa

 powder
- · 2 teaspoons of vanilla extract



Aztec hot Chocolate (xocolatl)
originates from Mexico's old
civilizations, The Aztecs and mayans
would blend cocoa beans and vanilla
to make their hot chocolate. Xocolatl
can be sweet or spicy depending on
your choice. Aztecs also used cacao
4.
beans as currency and medicine.
Nataly's family is from
Aguascalientes, where this recipe is
part of their culture, and of which
she has memories with her Abuelita
making her chocolate caliente!

(xocolatl) Aztec hot chocolate

By: Nataly & Maddison,7th grade Teacher: Mrs.Fernandez School: Key Largo Schod



Step 1: boil 1 1/2 cups of



Step 4: add 4 cups of water to the chilli water and bring to a slow boil



Step 2: add the chilli peppers to the pot and let it boil for 5-10 minutes



Step 5: add the vanilla extract and cocoa powder, cook and stir for 5-10 mins or until the powder is completely dissolved



Step 3: strain the chilli peppers from the water and return the water to the pot

000

Step 6: Done! Enjoy your Aztec hot chocolate!!

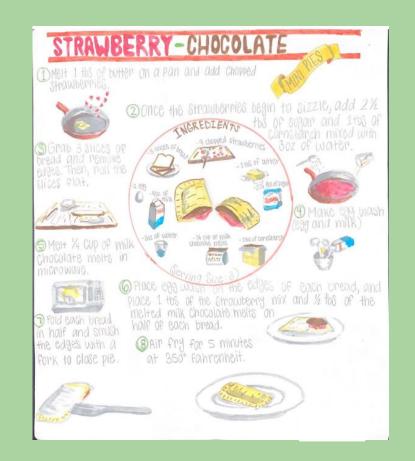




Samantha, Lily and Sofia

Renaissance Middle Charter School

FIRST PLACE





CHALLENGE 3:

Miami, MyGarden

Filmmaking: Student Workshop



We hosted a series of 4 online workshops for students to learn the basics of videography from documentarian Richard Kern of Odyssey Earth.

Students learned about visual storytelling, videography basics, and the basics of editing.



Challenge 3: Miami, My Garden



Jehiel M.

Renaissance Middle Charter School

SPECIAL MERIT:

Effective Science Communicator

Challenge 3: Miami, My Garden



Sofia O.

St. Kevin Catholic School

SECOND PLACE

Challenge 3: Miami, My Garden



Mahogany Tree Team

La Scuola

FIRST PLACE

THE FAIRCHILD CHALLENGE

Changing the way we understand and live with nature



CHALLENGE 4: Growing Beyond Earth®

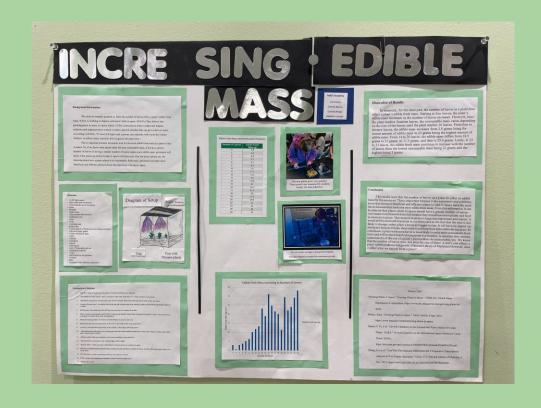




Misome Masters

Maritime & Science
Technology Academy

SPECIAL MERIT: Interesting Approach

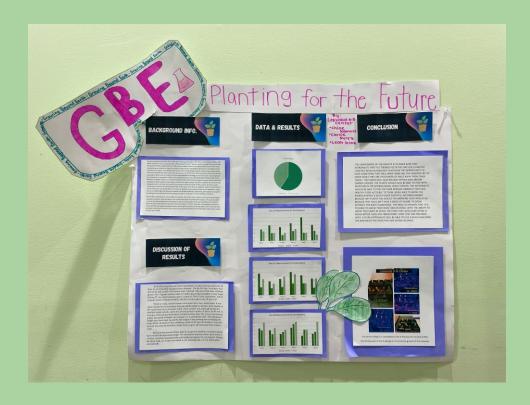




AgScience Trio

Leewood K-8 Center

SPECIAL MERIT:
Good Observations

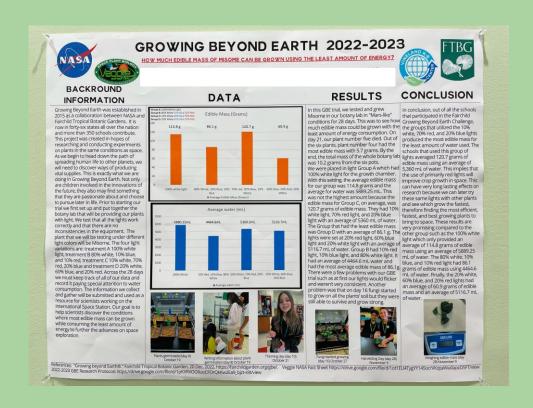




Green Studies

Vineland K-8 Center

SPECIAL MERIT: Collaborative Approach





Shamrock Farmers

St. Kevin Catholic School

SECOND PLACE

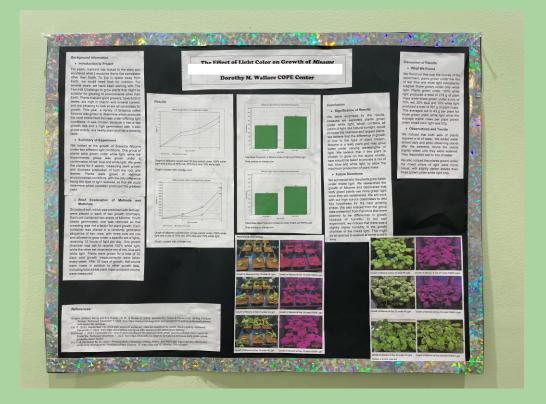




Middle School Science Class

Dorothy M. Wallace
COPE Center

FIRST PLACE



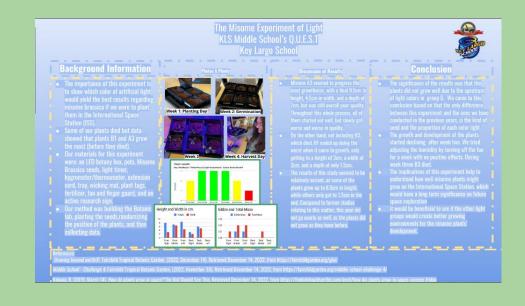
Challenge 4: Growing Beyond Earth® – Student Research Symposium



Middle School QUEST

Key Largo School

Special Merit: Perseverance



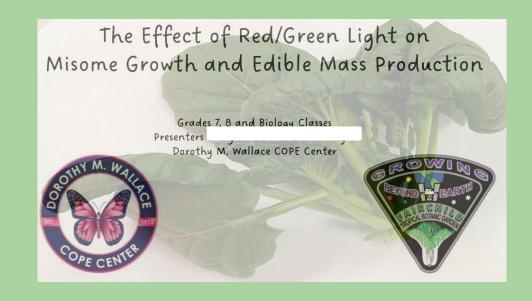
Challenge 4: Growing Beyond Earth® – Student Research Symposium



Mary P.

Dorothy M. Wallace
COPE Center

Special Merit:
Outstanding
Communicator





CHALLENGE 5:

Lizards on the Loose

Challenge 5: Lizards on the Loose



MEGA Observations!

Mater Lakes Academy Middle School 320
Aventura Waterways K-8 Center 302
Kinloch Park MS 240
Key Largo School 125
Palmetto MS 106
Hialeah Gardens Middle School 100
Vineland K-8 Center 97
La Scuola 90
Mater Grove Academy 90
South Miami Middle School 84
Gulliver Academy Middle School 78
West Miami MS 72

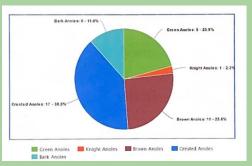
Challenge 5: Lizards on the Loose

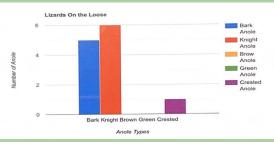
STEM Life &
Environmental Science &
Ecology Club/Green
Team

Rockway Middle School

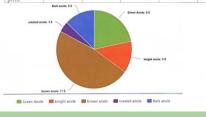
Special Merit: Data Visualization







	Green anole	Knight anole	Brown anole	Crested anole	Bark anole
Total observed	5	3	11	1	3
Natural perch	5	3	11	1	3
Man-made	0	0	0	0	0



Challenge 5: Lizards on the Loose



5th Period

Mater Grove Academy

Special Merit: Best Writing

Hypothesis

As a class, we were divided on which type of perch would be preferable. The students that felt that natural perches would be preferable argued that these animals would want to be out in nature where they belong. However, the other students retorted that the lizards had been born into a world that already had many man-made things and probably viewed them as part of the normal ecosystem.

Thus, we came to the hypothesis that if an item is man-made, then the lizards would prefer it because they would not be able to establish similarities and differences between natural and man-made items.

Challenge 5: Lizards on the Loose



Middle School Lizards on the Loose Team

La Scuola

SECOND PLACE



Challenge 5: Lizards on the Loose



Ms. Marcos' Class

Hialeah Gardens Middle School

FIRST PLACE











CHALLENGE 6:

School Garden - Growing UP!

Challenge 6: School Garden – Growing Up!



Garden Committee

North Miami Middle School

SPECIAL MERIT: Form, Function & Style



Challenge 6: School Garden – Growing Up!

THE FAIRCHILD CHALLENGE

Eco Action Team

Norland Middle School

SECOND PLACE







Challenge 6: School Garden – Growing Up!



Magnet Students

West Miami Middle School

FIRST PLACE







Changing the way we understand and live with nature

NATIONAL CHALLENGE: The Next NASA Mission Patch



This presentation is based upon the work supported by NASA under grant award No. NNH21ZDA001N-SciAct. Any opinions, findings and conclusions or recommendations expressed in this material are those of the authors and do not necessarily reflect the views of the National Aeronautics and Space Administration.

National Challenge: The Next NASA Mission Patch

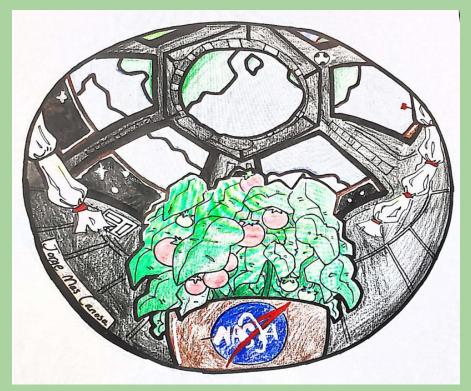




Carmen A.

Jorge Mas Canosa Middle School

SPECIAL MERIT: Great Concept



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National Challenge: The Next NASA Mission Patch

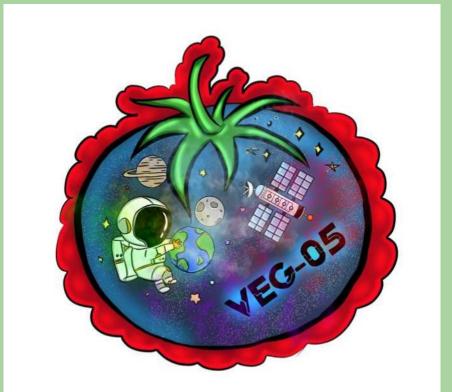




Monica G.

Hialeah Gardens Middle School

FIRST PLACE



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THE FAIRCHILD CHALLENGE

SCHOOLS OF EXCELLENCE



The Fairchild Challenge Schools of Excellence 5 years

Key Largo School

La Scuola

Vineland K-8



The Fairchild Challenge Schools of Excellence 15 years

St. Kevin Catholic School



FAIRCHILD CHALLENGE AWARDS

Fairchild Challenge Award Recipients



La Scuola

Gulliver Academy Middle School

Top Schools - BRONZE AWARDS



Everglades Preparatory Academy

Miami Lakes K-8 Center

South Miami Middle School

West Miami Middle School

Top Schools - SILVER AWARDS



Aventura Waterways K-8 Center

Hialeah Gardens Middle School

Key Largo School

Maritime and Science Tech Academy

Mater Lakes Academy MS

Palmetto MS

St. Kevin Catholic School

Top Schools - GOLD AWARD



Vineland K-8



Congratulations and Thank You!

Middle School 2022-2023

