The Fairchild Challenge is made possible by the generous support of the Batchelor Foundation.

Fairchild Challenge Awards
### Participating Schools 2022-2023

<table>
<thead>
<tr>
<th>School Name</th>
<th>City</th>
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<tbody>
<tr>
<td>Air Base K-8 Center For International Education</td>
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<td>Aventura Waterways K-8 Center</td>
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<td>Doral International Academy of Math &amp; Science</td>
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<td>Dorothy Wallace COPE Center</td>
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<td>Eugenia B. Thomas K-8 Center</td>
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<td>Frank C. Martin K-8 Center</td>
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<td>Ruben Dario MS</td>
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<td>W. R. Thomas MS</td>
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<td>Westminster Christian School</td>
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<td>Young Women's Preparatory Academy</td>
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<td>Youth Co-Op Charter School</td>
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58 Schools participated!
Thank You Judges!
THE FAIRCHILD CHALLENGE
Changing the way we understand and live with nature

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
Challenge 1: Bee the Change

Green Studies Group 1

Vineland K-8 Center

SPECIAL MERIT: Compelling Speaker
Challenge 1: Bee the Change

Group 3

Henry S. West Laboratory School

SPECIAL MERIT:
Great Science Communicator
Challenge 1: Bee the Change

BEElievers

Palmetto Middle School

SPECIAL MERIT:
Most Detailed Research
Challenge 1: Bee the Change

Pollinators are Perfect Team

Maritime & Science Technology Academy

SECOND PLACE
Challenge 1: Bee the Change

Bee Explorers

Aventura Waterways K-8 Center

SECOND PLACE
Challenge 1: Bee the Change

Speech and Debate Jaguars Team 1

Hialeah Gardens Middle School

FIRST PLACE
THE FAIRCHILD CHALLENGE
Changing the way we understand and live with nature

CHALLENGE 2:
Green Treasures – Food of the Gods

FIU | Kimberly Green Latin American and Caribbean Center
Green Treasures: Student Workshop

Photos by Fairchild Staff as well as students and teachers from Dorothy M. Wallace COPE Center
Challenge 2: Green Treasures – Food of the Gods

Mole Group

Maritime & Science Technology Academy

SPECIAL MERIT: Thorough Research
Challenge 2: Green Treasures – Food of the Gods

Green Studies Group 1

Vineland K-8 Center

SPECIAL MERIT: Professional Presentation

MOLE SAUCE

INGREDIENTS:
- 1 pound ripe tomatoes, peeled and seeded
- 2 medium onion, chopped
- 2 garlic cloves, minced
- 1 tablespoon dried oregano
- 2 tablespoons dried thyme
- 1 teaspoon salt
- 1/4 teaspoon black pepper
- 1/4 cup vegetable oil
- 2 cups water
- 1 cup chicken broth
- 1 tablespoon vinegar
- 1 tablespoon honey

1. In a large pot, heat the oil over medium heat. Add the onion and garlic and cook until softened, about 5 minutes. Add the tomatoes, oregano, thyme, salt, and black pepper. Cook for 10 minutes, stirring frequently.

2. Transfer the mixture to a blender and puree until smooth. Return the puree to the pot and add the chicken broth, vinegar, and honey. Bring to a boil, then reduce heat and simmer for 20 minutes.

3. In a blender, process the puree with the water and chicken broth until smooth. Pour into a bowl and let it cool.

4. Serve over rice, with a dollop of sour cream, and garnish with cilantro.
Challenge 2: Green Treasures – Food of the Gods

Dominga H.

Dorothy M. Wallace COPE Center

SPECIAL MERIT:
Great Cultural Connection
Nataly & Maddison
Key Largo School
SECOND PLACE

**Ingredients:**
- 1 3/4 cups of water
- 1 green chili pepper, sliced
- 4 cups of water
- 1/4 cup unsweetened cocoa powder
- 2 teaspoons of vanilla extract

(xocolatl) Aztec hot chocolate
By: Nataly & Maddison, 7th grade
Teacher: Mrs. Fernandez School: Key Largo School

**Instructions:**
1. Step 1: boil 1 3/4 cups of water
2. Step 2: add the chili peppers to the pot and let it boil for 5-10 minutes
3. Step 3: strain the chili peppers from the water and return the water to the pot
4. Step 4: add 4 cups of water to the chili water and bring to a slow boil
5. Step 5: add the vanilla extract and cocoa powder, cook and stir for 5-10 mins or until the powder is completely dissolved
6. Step 6: Enjoy your Aztec hot chocolate!
Challenge 2: Green Treasures – Food of the Gods

Samantha, Lily and Sofia

Renaissance Middle Charter School

FIRST PLACE
THE FAIRCHILD CHALLENGE
Changing the way we understand and live with nature

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
CHALLENGE 4: Growing Beyond Earth®

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Misome Masters
Maritime & Science Technology Academy

SPECIAL MERIT: Interesting Approach

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AgScience Trio

Leewood K-8 Center

SPECIAL MERIT: Good Observations

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Challenge: Growing Beyond Earth® – Poster

Green Studies

Vineland K-8 Center

SPECIAL MERIT: Collaborative Approach

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Challenge: Growing Beyond Earth® – Poster

Shamrock Farmers

St. Kevin Catholic School

SECOND PLACE

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Middle School Science Class

Dorothy M. Wallace
COPE Center

FIRST PLACE

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Mary P.

Dorothy M. Wallace
COPE Center

Special Merit: Outstanding Communicator

The Effect of Red/Green Light on Misome Growth and Edible Mass Production

Grades 7, 8 and Biology Classes
Presenters: Nancy, Jennifer, Paul, and
Dorothy M. Wallace COPE Center

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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
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
THE FAIRCHILD CHALLENGE
Changing the way we understand and live with nature

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!

Eco Action Team

Norland Middle School

SECOND PLACE
Challenge 6: School Garden – Growing Up!

Magnet Students

West Miami Middle School

FIRST PLACE
THE FAIRCHILD CHALLENGE

Changing the way we understand and live with nature

NATIONAL CHALLENGE:
The Next NASA Mission Patch
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
THE FAIRCHILD CHALLENGE

Changing the way we understand and live with nature

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