

THE FAIRCHILD CHALLENGE



FOR ELEMENTARY SCHOOLS



2011-2012



FOR GRADES PRE-K TO 5



FAIRCHILD TROPICAL BOTANIC GARDEN

THE FAIRCHILD CHALLENGE

2011 - 2012

CHALLENGES AT A GLANCE: ELEMENTARY SCHOOLS

Challenges	Due Date	Maximum points	Max. number of entries	Page
1 Fashion Design: Parade of Animals For individual students A: Pre-K – 1st grades B: 2nd – 3rd grades C: 4th – 5th grades	Thurs., Nov. 17	100 (50/entry) 100 (50/entry) 100 (50/entry)	2 masks 2 masks 2 masks	9 10 10
2 Art: Beautiful Blooms For individual students A: Pre-K – 1st grades B: 2nd – 3rd grades C: 4th – 5th grades	Thurs., Dec. 8	120 (40/entry) 120 (40/entry) 120 (40/entry)	3 drawings 3 drawings 3 drawings	11 12 12
3 Writing: Flower Power For individual students A: K – 1st grades B: 2nd – 3rd grades C: 4th – 5th grades	Thurs., Feb. 9	120 (40/entry) 120 (40/entry) 120 (40/entry)	3 poems 3 poems 3 poems	13 13 14
4 Environmental Action For groups	Thurs., Apr. 5	350	1 booklet	15
5 School Garden/Habitat Restoration For groups	Thurs., Apr. 19	350	1 booklet	16

AWARDS AND PRIZES

- All elementary schools that earn more than 750 points will be presented with ***The Fairchild Challenge Award*** at our **Awards Ceremony on Tuesday, May 15, 2012.**
- The top-scoring schools will be awarded up to **\$1,000** to support their environmental programs.
- The top-placing students will receive Fairchild Challenge medals and/or certificates.
- Student and teacher **Environmental Role Models (ERMs)** will be nominated by their peers and recognized at the Awards Ceremony.
- All students who participate in the program receive a **four-person family pass** to Fairchild Tropical Botanic Garden.



THE FAIRCHILD CHALLENGE

fosters interest in the environment
by encouraging students to

APPRECIATE

the beauty and value of nature,

DEVELOP

critical-thinking skills,

UNDERSTAND

the need for biodiversity and conservation,

TAP

community resources,

BECOME

actively engaged citizens

and

RECOGNIZE

that individuals do indeed make a difference.



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INTRODUCTION

Fairchild Tropical Botanic Garden welcomes you to **The 2011-2012 Fairchild Challenge for Elementary Schools**. The Fairchild Challenge is a standards-based, multidisciplinary environmental education outreach program designed for students of diverse interests, talents and backgrounds. The program provides an annual menu of challenges that appeal to students' sense of play and creativity, while empowering them to investigate local, national and global environmental issues, and become actively engaged citizens.

The Fairchild Challenge in practice

The Fairchild Challenge for Elementary Schools is offered at no cost to all schools in South Florida. The program runs with the school year and offers different challenges for students in grades Pre-K through 5. Best entries are selected by schools to be submitted to Fairchild and awarded points by a panel of independent judges.

All schools surpassing this year's goal of 750 points will win The Fairchild Challenge Award at the Awards Ceremony on Tuesday, May 15, 2012. Top-scoring schools will be awarded up to \$1,000 to support their environmental programs; individual student winners and Environmental Role Models will also be recognized at the Awards Ceremony.



Fairchild is committed to making this outreach program accessible to all interested students and teachers in the region, regardless of their schools' resources. The Fairchild Challenge encourages school participation with incentives such as mini-grants for school gardens, transportation subsidies, plant material, workshops, professional development and additional support.

The Fairchild Challenge is aligned with Next Generation Sunshine State Standards (visit our website at www.fairchildchallenge.org/es for details).

Going Global: Satellite Programs

The Fairchild Challenge has become a model beyond South Florida, influencing programs nationally and internationally. The success of the program has spurred Fairchild to share it as a replicable model with other regions, both within the U.S. and abroad. To date, thirteen sites have launched Fairchild Challenge Satellite Programs and additional sites are expected to launch their programs during the coming year.

As part of The 2011-2012 Fairchild Challenge, top entries in select challenges will be featured online and showcased to international audiences as part of **The 2011-2012 Fairchild Challenge Global Showcase**. For more information, visit: www.fairchildchallenge.org/satellitepartners/global.

PROGRAM GUIDELINES AND POLICIES

- **Registration:** Schools are required to submit **one registration form annually**, providing contact information for teachers who are interested in participating (at least three teachers per school). The 2011-2012 registration form is available online at www.fairchildchallenge.org/es.
- **Challenge entry form:** Each registered school must submit one **completed entry form** with submitted entries for **each of the challenges** they compete in during the year (not each individual student entry). The 2011-2012 challenge entry form is available online at www.fairchildchallenge.org/es.
- **Student work:** Entries for Challenges 1, 2, and 3 must be completed by **one student only**; Challenges 4 and 5 are **group projects** that must be **student-driven**. Each Fairchild Challenge entry must be clearly marked with the students' and/or school's names. Entries **must follow the specified requirements** or they will be penalized and/or disqualified. Plagiarism will result in disqualification of the entry.
- **Deadlines:** Entries are accepted **in person, by mail, or at participating library drop-off sites** by the published deadlines; we gladly accept entries up to two weeks before the deadline. Entries may be dropped off at either Garden entrance, seven days a week, from 9:30 a.m. to 5:00 p.m., unless otherwise specified. Please see the "library drop-off policy" (available at www.fairchildchallenge.org/es) for participating libraries and more information.
- **Earning points:** Schools should **encourage as many students as possible** to attempt each challenge. There are a maximum number of student entries per challenge that may be submitted to Fairchild for judging. Schools **should submit the maximum number in order to earn the most points possible**. Schools may submit fewer than the maximum number of entries allowed per challenge; however, total points will be lower. Excess entries will not be judged.
- **Judges:** Independent judges score entries using evaluation sheets (available at www.fairchildchallenge.org/es) that reflect the evaluation criteria listed in the specific requirements for each challenge. All results are final; completed judges' evaluation sheets will not be shared with schools.



- **Scores:** Schools will receive their scores by e-mail following participation in various challenges. We do not release other schools' scores or school rankings. Scores for Challenges 4 and 5 and overall results will be announced at the Awards Ceremony on Tuesday, May 15, 2012.
- **School awards:** All schools that participate in The Fairchild Challenge will be recognized at the Awards Ceremony on Tuesday, May 15, 2012. Schools that accrue more than **750 points** will receive **The Fairchild Challenge Award**. The sixteen top-scoring schools will be awarded up to **\$1,000** to support their environmental programs.
- **Student and teacher awards:** Each school may select one student and one teacher Environmental Role Model (ERM) to be recognized at the Awards Ceremony (required application available online in March). Top-placing students and Special Merit winners for each challenge will also be recognized at the Awards Ceremony.
- **Global Showcase:** Top elementary entries in Challenge 2: Art, Challenge 4: Environmental Action, and Challenge 5: School Garden will be featured online and showcased to international audiences as part of **The 2011-2012 Fairchild Challenge Global Showcase**. For more information, visit: www.fairchildchallenge.org/satellitepartners/global.
- **Student materials:** Fairchild is not responsible for any materials lost, stolen or damaged. Student entries may be picked up after the Awards Ceremony. Any entries unclaimed by June 1, 2012 will become the property of Fairchild. Schools may be asked to donate their entries to Fairchild for display and to promote The Fairchild Challenge. Select entries may be used for Fairchild Challenge fundraising purposes.
- **Schools consent** to Fairchild's **unrestricted use of student work and participants' likenesses**, including photographs and audio/visual recordings made of participants and/or their entries, at Fairchild or elsewhere. Student entries may be exhibited and/or published by Fairchild. Fairchild must be notified in writing of any exceptions.



Penelope Hernandez, 4th grade, Kensington Park Elementary

TIPS FOR TEACHERS

- Encourage as many students and teachers as possible to participate in the program and attempt the various challenges. Notify all faculty and administrators of your participation in The Fairchild Challenge as soon as you register.
- Closely follow specific requirements listed under each challenge description. Entries that do not meet the specified requirements will be penalized or disqualified. Also take into consideration the evaluation criteria listed for each challenge.
- Involve students and other teachers in the screening process to select entries for submission to Fairchild.
- Please submit entries in a manner that reflects environmental awareness. For example, avoid plastic whenever possible.
- Work with your school's media center to help publicize Fairchild Challenge activities and results.
- Visit our website at www.fairchildchallenge.org/es for detailed information on how each challenge is aligned with Next Generation Sunshine State Standards.
- Use Fairchild Tropical Botanic Garden as a resource. Take advantage of our living collections and electronic resources. Visit www.fairchildgarden.org.
- Fairchild offers professional development workshops for teachers throughout the year. For more information, see pg. 8 or visit our website at www.fairchildgarden.org/education/pd.
- Fairchild staff members are available, as schedules allow, to present Fairchild Challenge program details to your classes, faculty meetings, ecology clubs, etc. Please e-mail us at challengepk-5@fairchildgarden.org to schedule a visit.
- During regular daytime hours, teachers with a valid school I.D. receive free admission to Fairchild. This does not apply to evening or ticketed events.



AWARDS AND PRIZES

All elementary schools that earn at least **750 points** receive **The Fairchild Challenge Award**. The 16 top-scoring schools receive up to **\$1,000**. All prize money must be used to support the schools' environmental activities and initiatives. Students, teachers and administrators should all participate in determining the use of this prize money.

Individual student winners for Challenges 1, 2 and 3 will receive medals and/or certificates. Winning schools from Challenges 4 and 5 will receive a trophy and certificate.

Student and teacher Environmental Role Models (ERMs), nominated by their peers, will receive a medal and certificate at the Awards Ceremony.

All students who participate in The Fairchild Challenge will receive a **four-person family pass** to Fairchild Tropical Botanic Garden.



IMPORTANT DATES AND EVENTS

Saturday, September 10	Teachers' Information Brunch at Fairchild, 10:00 am
Saturday, November 5	Art Workshop opportunity at Fairchild, 9:00 am
Thursday, November 17	Entry forms and entries due for Challenge 1: Fashion Design
Saturday, December 3	Parade of Animals at the Fairchild Challenge Botanical Fashion Show, 2:30 pm
Thursday, December 8	Entry forms and entries due for Challenge 2: Art
Thursday, February 9	Entry forms and entries due for Challenge 3: Writing
Saturday, March 31	YouthCaN opportunity at Fairchild, 9:30 am
Thursday, April 5	Entry form and booklet due for Challenge 4: Environmental Action
Thursday, April 19	Entry form and booklet due for Challenge 5: School Garden
Saturday, May 5	Teachers' Celebration Lunch at Fairchild, 10:00 am
Tuesday, May 15	Awards Ceremony at Fairchild, 5:30 pm

TEACHER PROFESSIONAL DEVELOPMENT OPPORTUNITIES

Saturday, October 1	Environmental Action Workshop opportunity for teachers at Fairchild, 8:30 am
Saturday, October 15	School Garden Workshop opportunity for teachers at Fairchild, 8:30 am
Saturday, November 19	Inspiration Day Professional Workshop opportunity for teachers at Abess Center for Environmental Studies, 10:00 am
Saturday, January 7	School Garden Workshop opportunity for teachers at Fairchild, 8:30 am
Saturday, February 4	South Florida Plants and Ecosystems Workshop opportunity for teachers at Fairchild, 8:30 am
Saturday, March 3	Ethnobotany Workshop opportunity for teachers at Fairchild, 8:30 am
Saturday, March 24	Basic Botany Workshop opportunity for teachers at Fairchild, 8:30 am

To register for workshops, visit <http://calendar.dadeschools.net/>. For more information, contact challengepk-5@fairchildgarden.org.

CHALLENGE 1: FASHION DESIGN

PARADE OF ANIMALS

Maximum Points: 100 (50 per entry)

Your challenge:

Can you think of an animal that could live without plants? All living organisms, including humans, depend on plants every day. For example, some monkeys use the leaves of a specific plant in the jungle as a natural bug repellent. Think of ways that plants and animals interact, then construct an animal mask using natural and recycled materials.

Participants are invited to model their masks during the Parade of Animals at our **Fairchild Challenge Botanical Fashion Show** on **Saturday, December 3**. Bonus points will be awarded to participating schools.

Challenge 1A – For individual students, Grades Pre-K to 1

ENTRY DUE DATE: Thurs., November 17
by 5:00 pm

SCHOOL SUBMITS: Challenge 1A **entry form** and up to **two** animal masks with **descriptions**

REQUIREMENTS:

1. Masks should be created with an emphasis on natural and recycled materials.
2. All masks must be original and designed by students.
3. All masks must be accompanied by a brief (under 100 words) description with the following information: **why the student chose to represent that particular animal** and the **common name** of the animal.
4. Submit the mask and description in the same envelope to avoid separation; include the **student's name, grade and school** on **all** materials.

EVALUATION CRITERIA: A panel of judges will award points based on creativity, resources used, accuracy of information and relevance to the theme.

ADDITIONAL INFORMATION: Select artwork will be displayed at The Fairchild Challenge Awards Ceremony on May 15, 2012 and may be collected immediately afterwards. Entries not collected by

June 1, 2012 will become the property of Fairchild. Schools may be asked to donate their entries to Fairchild for display and to promote The Fairchild Challenge.



Challenge 1B – For individual students, Grades 2 & 3

ENTRY DUE DATE: Thurs., November 17 by 5:00 pm

SCHOOL SUBMITS: Challenge 1B **entry form** and up to **two** animal masks with **descriptions**

REQUIREMENTS:

1. Masks should be created with an emphasis on natural and recycled materials.
2. All masks must be original and designed by students.
3. All masks must be accompanied by a brief (under 150 words) description with the following information: **why the student chose to represent that particular animal**, the **common name** of the animal, the **geographic region where the animal lives**, and **one interaction the animal has with plants**.
4. Submit the mask and description in the same envelope to avoid separation; include the **student's name, grade and school** on **all** materials.

EVALUATION CRITERIA: A panel of judges will award points based on creativity, resources used, accuracy of information and relevance to the theme.

ADDITIONAL INFORMATION: Select masks will be displayed at The Fairchild Challenge Awards Ceremony on May 15, 2012 and may be collected immediately afterwards. Entries not collected by June 1, 2012 will become the property of Fairchild. Schools may be asked to donate their entries to Fairchild for display and to promote The Fairchild Challenge.

Challenge 1C – For individual students, Grades 4 & 5

ENTRY DUE DATE: Thurs., November 17 by 5:00 pm

SCHOOL SUBMITS: Challenge 1C **entry form** and up to **two** animal masks with **descriptions**

REQUIREMENTS:

1. Masks should be created with an emphasis on natural and recycled materials.
2. All masks must be original and designed by students.
3. All masks must be accompanied by a brief (under 200 words) description with the following information: **why the student chose to represent that particular animal**, the **common and scientific (Latin) name** of the animal, the **geographic region where the animal lives**, and **at least one interaction the animal has with plants**.
4. Submit the mask and description in the same envelope to avoid separation; include the **student's name, grade and school** on **all** materials.

EVALUATION CRITERIA: A panel of judges will award points based on creativity, resources used, accuracy of information and relevance to the theme.

ADDITIONAL INFORMATION: Select masks will be displayed at The Fairchild Challenge Awards Ceremony on May 15, 2012 and may be collected immediately afterwards. Entries not collected by June 1, 2012 will become the property of Fairchild. Schools may be asked to donate their entries to Fairchild for display and to promote The Fairchild Challenge.

View **Next Generation Sunshine State Standards** for this challenge at
www.fairchildchallenge.org/es

CHALLENGE 2: ART – GLOBAL SHOWCASE

BEAUTIFUL BLOOMS

Maximum Points: 120 (40 per entry)

Your challenge:

The beautiful flowers of Florida inspired Ponce de Leon to name the area after the “Feast of Flowers” celebration in Spain. The abundance and variety of flowers in South Florida add color to our yards, gardens and even foods! Get up close and personal with a favorite flower, and create an original piece of art representing the bloom. Focus on a single species and practice careful observation.

The top entries in this challenge will be featured online and showcased to international audiences as part of **The 2011-2012 Fairchild Challenge Global Showcase**. For more information, visit: www.fairchildchallenge.org/satellitepartners/global.

Challenge 2A – For individual students, Grades Pre-K to 1

ENTRY DUE DATE: Thurs., December 8 by 5:00 pm

SCHOOL SUBMITS: Challenge 2A **entry form** and up to **three** artwork pieces

REQUIREMENTS:

1. Students may use only paints, pencils, markers and/or crayons to create their artwork.
2. All artwork must be original; computer generated images are not allowed.
3. All artwork must include the following information on the back of the piece: **common name** of the plant depicted, **student’s name, grade and school**.
4. Entries must be unframed and unmounted, and **12 x 18 inches** or less.

EVALUATION CRITERIA: A panel of judges will award points based on creativity, observation skills, artistry and relevance to the theme.

ADDITIONAL INFORMATION: Select artwork will be displayed at The Fairchild Challenge Awards Ceremony on May 15, 2012 and may be collected immediately afterwards. Entries not collected by June 1, 2012 will become the property of Fairchild. Schools may be asked to donate their entries to Fairchild for display and to promote The Fairchild Challenge.

ART WORKSHOP OPPORTUNITY:

Saturday, November 5, 2011

9:00 am to 12:00 pm

Fairchild will host a free workshop for students participating in this year’s Challenge 2: Art. Students will work outdoors in small groups, sketching plants with professional artists. **All students must be registered and accompanied by a teacher.** Students or their schools are responsible for bringing all art supplies and arranging transportation; buses are available upon request for Title I schools only. Registration is required - contact challengepk-5@fairchildgarden.org for more information. Space is limited. Please register by **Friday, October 21.**



Challenge 2B – For individual students, Grades 2 & 3

ENTRY DUE DATE: Thurs., December 8 by 5:00 pm

SCHOOL SUBMITS: Challenge 2B **entry form** and up to **three** artwork pieces

REQUIREMENTS:

1. Students may use only paints, pencils, markers and/or crayons to create their artwork.
2. All artwork must be original; computer generated images are not allowed.
3. All artwork must include the following information on the back of the piece: **common name** and **native origin** of the plant depicted, **student's name, grade and school.**
4. Entries must be unframed and unmounted, and **12 x 18 inches** or less.

EVALUATION CRITERIA: A panel of judges will award points based on creativity, observation skills, artistry and relevance to the theme.

ADDITIONAL INFORMATION: Select artwork will be displayed at The Fairchild Challenge Awards Ceremony on May 15, 2012 and may be collected immediately afterwards. Entries not collected by June 1, 2012 will become the property of Fairchild. Schools may be asked to donate their entries to Fairchild for display and to promote The Fairchild Challenge.

Challenge 2C – For individual students, Grades 4 & 5

ENTRY DUE DATE: Thurs., December 8 by 5:00 pm

SCHOOL SUBMITS: Challenge 2C **entry form** and up to **three** artwork pieces

REQUIREMENTS:

1. Students may use only paints, pencils, markers and/or crayons to create their artwork.
2. All artwork must be original; computer generated images are not allowed.
3. All artwork must include the following information on the back of the piece: **common name, scientific (Latin) name** and **native origin** of the plant depicted, **student's name, grade and school.**
4. Entries must be unframed and unmounted, and **12 x 18 inches** or less.

EVALUATION CRITERIA: A panel of judges will award points based on creativity, observation skills, artistry, technical ability and relevance to theme.

ADDITIONAL INFORMATION: Select artwork will be displayed at The Fairchild Challenge Awards Ceremony on May 15, 2012 and may be collected immediately afterwards. Entries not collected by June 1, 2012 will become the property of Fairchild. Schools may be asked to donate their entries to Fairchild for display and to promote The Fairchild Challenge.

View **Next Generation Sunshine State Standards** for this challenge at
www.fairchildchallenge.org/es



Leilani Padilla, pre-K, Hubert O. Sibley Elementary



Adonis Milline, 4th Grade, Rainbow Park Elementary

CHALLENGE 3: WRITING

FLOWER POWER

Maximum Points: 120 (40 per entry)

Your challenge:

Poets are often inspired by nature. The strong colors and scents of flowers can stir powerful emotions, recall memories and add beauty to special occasions. Even a walk down the street can become an adventure when we look at the flowers around us. Create a poem and use flowers as your inspiration. Poems may be written in multiple languages, but must be accompanied by an English translation.

Challenge 3A: For individual students, Grades K & 1

ENTRY DUE DATE: Thurs., February 9 by 5:00 pm

SCHOOL SUBMITS: Challenge 3A **entry form** and up to **three** writing entries

REQUIREMENTS:

1. Poems should include descriptive vocabulary of flowers.
2. Entries must be legibly handwritten or typed, with the **student's name, grade and school** included.
3. Entries should not exceed **50 words**.
4. If the poem is in a language other than English, an English version of the poem must be included.

EVALUATION CRITERIA: A panel of judges will award points based on creativity, use of descriptive vocabulary and relevance to the theme.

ADDITIONAL INFORMATION: Select entries will be displayed at The Fairchild Challenge Awards Ceremony on May 15, 2012 and may be collected immediately afterwards. Entries not collected by June 1, 2012 will become the property of Fairchild. Schools may be asked to donate their entries to Fairchild for display and to promote The Fairchild Challenge.

Challenge 3B: For individual students, Grades 2 & 3

ENTRY DUE DATE: Thurs., February 9 by 5:00 pm

SCHOOL SUBMITS: Challenge 3B **entry form** and up to **three** writing entries

REQUIREMENTS:

1. Poems should include descriptive vocabulary of flowers.
2. Entries must be legibly handwritten or typed, with the student's name, grade and school included.
3. Entries should not exceed **75 words**.
4. If the poem is in a language other than English, an English version of the poem must be included.

EVALUATION CRITERIA: A panel of judges will award points based on creativity, use of descriptive vocabulary and relevance to the theme.

ADDITIONAL INFORMATION: Select entries will be displayed at The Fairchild Challenge Awards Ceremony on May 15, 2012 and may be collected immediately afterwards. Entries not collected by June 1, 2012 will become the property of Fairchild. Schools may be asked to donate their entries to Fairchild for display and to promote The Fairchild Challenge.

Challenge 3C – For individual students, Grades 4 & 5

ENTRY DUE DATE: Thurs., February 9 by 5:00 pm

SCHOOL SUBMITS: Challenge 3C **entry form** and up to **three** writing entries

REQUIREMENTS:

1. Poems should include descriptive vocabulary of flowers.
2. Entries must be legibly handwritten or typed, with the **student's name, grade and school** included.
3. Entries should not exceed **100 words**.
4. If the poem is in a language other than English, an English version of the poem must be included.

EVALUATION CRITERIA: A panel of judges will award points based on creativity, use of descriptive vocabulary and relevance to the theme.

ADDITIONAL INFORMATION: Select entries will be displayed at The Fairchild Challenge Awards Ceremony on May 15, 2012 and may be collected immediately afterwards. Entries not collected by June 1, 2012 will become the property of Fairchild. Schools may be asked to donate their entries to Fairchild for display and to promote The Fairchild Challenge.

View **Next Generation Sunshine State Standards** for this challenge at
www.fairchildchallenge.org/es



CHALLENGE 4:

ENVIRONMENTAL ACTION – GLOBAL SHOWCASE

For groups, Grades Pre-K to 5

Maximum Points: 350

Your challenge:

Take action to raise environmental awareness and conservation in your **home, school and community**. Students should work in groups to organize and implement environmental action efforts that are solution-oriented. Document your school's efforts and the progress made with a booklet summarizing your group's efforts and outcomes.

The top entries in this challenge will be featured online and showcased to international audiences as part of **The 2011-2012 Fairchild Challenge Global Showcase**. For more information, visit: www.fairchildchallenge.org/satellitepartners/global.

ENTRY DUE DATE: Thurs., April 5 by 5:00 pm

SCHOOL SUBMITS: Challenge 4 **entry form** and **one** booklet

REQUIREMENTS:

1. Booklets must include a **table of contents** and a **list of the classes involved**.
2. **Students must be highly involved** in the design and construction of the booklet.
3. Booklet must include both text and images.
4. Booklets cannot exceed **12 double-sided pages**. **Pages cannot include additional attachments or be used as pockets**.
5. Booklets must be **12 x 12 inches** or less. Please consider using environmentally friendly materials in the construction of your booklet.
6. Projects should engage individuals on **each of the following levels**: school (students and teachers), home (family), and community (local, national and/or global).

EVALUATION CRITERIA: A panel of judges will award points based on depth and breadth of student involvement, scope of work, concept and knowledge of relevant issues and possible solutions, clarity and presentation. **Make sure that the booklet fully represents all efforts, as judges base their evaluations entirely on the booklet.**

ADDITIONAL INFORMATION: Select entries will be displayed at The Fairchild Challenge Awards Ceremony on May 15, 2012 and may be collected immediately afterwards. Entries not collected by June 1, 2012 will become the property of Fairchild. Schools may be asked to donate their entries to Fairchild for display and to promote The Fairchild Challenge.

View **Next Generation Sunshine State Standards** for this challenge at
www.fairchildchallenge.org/es

Special Opportunity: YouthCaN – Grades Pre-K to 5



Participate in "YouthCaN" at Fairchild Tropical Botanic Garden on **Saturday, March 31, 2012**. YouthCaN unites environmentally active youth to exchange ideas about the environment and empower others to make a difference in their own communities. Participating students will prepare a short, interactive workshop on the environmental topic/project of their choice and present to an audience of their peers.

Application required - contact challengepk-5@fairchildgarden.org for more information. Buses are available upon request for Title I schools only. Participating schools will receive bonus points applied to their Environmental Action entry.

CHALLENGE 5:

SCHOOL GARDEN/HABITAT RESTORATION–

GLOBAL SHOWCASE

For groups, Grades Pre-K to 5

Maximum Points: 350

Your challenge:

Establish, expand, or restore a garden or habitat that is utilized across the curriculum at your school, taking into consideration environmentally-friendly gardening strategies. Develop descriptive materials such as signs, maps or a brochure to communicate the message of the garden to your school community. Create a booklet that summarizes your gardening efforts and outcomes.

The top entries in this challenge will be featured online and showcased to international audiences as part of **The 2011-2012 Fairchild Challenge Global Showcase**. For more information, visit: www.fairchildchallenge.org/satellitepartners/global.

ENTRY DUE DATE: Thurs., April 19 by 5:00 pm

SCHOOL SUBMITS: Challenge 5 **entry form** and **one** booklet

REQUIREMENTS:

1. Booklets must provide **descriptions, lesson plans, or examples** of how the garden or habitat is used as a teaching tool.
2. Schools must create **descriptive signs or a brochure** that can be used to explain your garden/habitat to others in your school community. You must **include photos or copies** of these descriptive materials in your booklet.
3. **Students must be highly involved** in the design and construction of the booklet.
4. Booklets must include a **table of contents** and a **list of the classes involved**.
5. Booklets cannot exceed **12 double-sided pages**. **Pages cannot include additional attachments or be used as pockets**.
6. Booklets must be **12 x 12 inches** or less; please consider using environmentally friendly materials in the construction of your booklet.

EVALUATION CRITERIA: A panel of judges will award points based on content and scope of work, depth and breadth of student involvement, quality of descriptive materials, documentation of use of the garden/habitat in classroom or school activities, creativity, relevance to theme and presentation of the project. **Make sure that the booklet fully represents all efforts, as judges base their evaluations entirely on the booklet.**

ADDITIONAL INFORMATION: Select entries will be displayed at The Fairchild Challenge Awards Ceremony on May 15, 2012 and may be collected immediately afterwards. Entries not collected by June 1, 2012 will become the property of Fairchild. Schools may be asked to donate their entries to Fairchild for display and to promote The Fairchild Challenge.

View **Next Generation Sunshine State Standards** for this challenge at
www.fairchildchallenge.org/es



“If someone asked me about The Fairchild Challenge, I would say it is an inspiring, innovative way to link education and appreciation for nature for students”

~Teacher, Hubert O. Sibley Elementary

The 2011-2012 Fairchild Challenge for Elementary Schools

CHALLENGE ENTRY FORM

Please photocopy this form (or download it from www.fairchildchallenge.org/es) for each challenge you wish to enter. Neatly print all requested information on this form and return with entry/entries to Fairchild Tropical Botanic Garden.

Check the box that corresponds to the challenge number and level for which you are submitting entries.

Challenge 1: Fashion Design

- 1A (Pre-K-1 grades)
- 1B (2-3 grades)
- 1C (4-5 grades)

Challenge 2: Art

- 2A (Pre-K-1 grades)
- 2B (2-3 grades)
- 2C (4-5 grades)

Challenge 3: Writing

- 3A (K-1 grades)
- 3B (2-3 grades)
- 3C (4-5 grades)

Challenge 4: School Garden

Challenge 5: Environmental Action

School Name _____

For Challenges 1, 2 & 3 only:	
Student name/grade	Title/description of entries submitted
_____	_____
_____	_____
_____	_____

Estimated total number of students at your school who attempted this challenge _____

Estimated average number of hours each student spent on this challenge _____

This challenge was presented to students as (check all that apply):

- classwork homework extracurricular required assignment optional assignment

Participating teacher name & discipline(s)

E-mail & phone number

_____	_____
_____	_____
_____	_____

I have read, understood and abided by all rules and program policies of the Fairchild Challenge.

Teacher signature & date _____

By the deadline (see requirements) complete and return this entry form to:

Fairchild Elementary Challenge, Fairchild Tropical Botanic Garden
 10901 Old Cutler Road, Coral Gables, FL 33156-4296
 phone: 305.669.4088 or 305.663.8079
 fax: 305.400.0265
 email: challengepk-5@fairchildgarden.org

2010-2011 Fairchild Challenge Registered Elementary Schools

Advanced Learning Charter
Archimedean Academy
Beth Emet Day School
Biscayne Gardens Elementary
Blue Lakes Elementary
Bob Graham Education Center
Carrollton School of the Sacred Heart
Charter School at Waterstone
Coconut Palm K-8 Academy
Conchita Espinosa Academy
Coral Park Elementary
Coral Reef Montessori Academy
Crestview Elementary
Cushman School
Devon Aire K-8
Doral Academy Elementary Charter
Dr. Bowman Foster Ashe Elementary
Dr. Carlos J. Finlay Elementary
Dr. Henry W. Mack/
 West Little River Elementary
Earlington Heights Elementary
Epiphany Catholic School
Excelsior Charter Academy
First United Methodist Christian School
Frank C. Martin K-8 International Center
Gateway Environmental K-8 Learning Center
Gordon School of Beth David
Howard Drive Elementary
Hubert O. Sibley Elementary
Jacobson Sinai Academy
Jane S. Roberts K-8 Center
John G. DuPuis Elementary
Kesley L. Pharr Elementary
Kendale Lakes Elementary
Kensington Park Elementary
Kenwood K-8 Center
Key Biscayne K-8 Center
Key Biscayne Presbyterian Church
La Scuola
Lenora Braynon Smith Elementary
Mandarin Lakes K-8 Academy
Mater Academy of International Studies
North Hialeah Elementary
Northwest Christian Academy
Oak Grove Elementary
Palmetto Elementary
Pinecrest Academy Charter School (South)
Pinecrest Elementary
Pine Lake Elementary
Rainbow Park Elementary
Riverside Elementary
Robert Renick Educational Center
Robert Russa Moton Elementary
Rockway Elementary
Royal Green Elementary
Royal Palm Elementary
Ruth K. Broad Bay Harbor K-8 Center
Ruth Owens Kruse Education Center
Samuel Scheck Hillel
 Community Day School
Shenandoah Elementary
Seminole Elementary
Somerset Academy Dade Campus
Somerset Academy Sliver Palms
South Dade Middle
South Miami K-8 Center
South Pointe Elementary
Southside Elementary Museums Magnet
Springview Elementary
St. Kevin Catholic School
St. Thomas Episcopal Parish School
Summerville Advantage Academy
Sunset Elementary
Theodore R. and Thelma A. Gibson Charter
Treasure Island Elementary
Tropical Elementary
West Hialeah Gardens Elementary
Whispering Pines Elementary
William Jennings Bryan Elementary
Winston Park K-8 Center

ACKNOWLEDGMENTS

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THE BATCHELOR FOUNDATION

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Fairchild Tropical Botanic Garden

Carl E. Lewis, Ph.D., Director

Amy Padolf, Director of Education

Established in 1936 and dedicated in 1938, Fairchild Tropical Botanic Garden is the oldest cultural institution in Miami-Dade County. From the beginning, the Garden was a public and private partnership. Dr. David Fairchild assembled extraordinary plant collections, Col. Robert Montgomery provided funding, and Dade County and the Civilian Conservation Corps supplied construction labor. Other significant figures in the Garden's history include Charles H. Crandon, Chairman of the Dade County Commission, and Marjory Stoneman Douglas, conservationist and author of "The Everglades: River of Grass", who served as Fairchild's first secretary and later on the board of trustees. Throughout Fairchild's history, there has been a commitment to excellence in horticulture, landscape design, research, conservation and education.

Volunteers

Volunteers play a vital role in Fairchild's education programs. Become a Fairchild volunteer and participate in activities that are helping to change the community and the world! For more information visit www.fairchildgarden.org or call the Volunteer Department 305.667.1651, ext. 3324.



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**Science Literacy • Critical Thinking • Civic Engagement • Creative Expression
Community Involvement • Research • Leadership Development
Environmental Awareness • School Gardening**

FAIRCHILD CHALLENGE FOR ELEMENTARY SCHOOLS 2010-2011 AWARD WINNERS

By earning more than 500 points, 39 elementary schools
received The Fairchild Challenge Award

Beth Emet Day School • Blue Lakes Elementary • Bob Graham Education Center
Carrollton School of the Sacred Heart • Coconut Palm K-8 Academy
Coral Reef Montessori • Cushman School • Devon Aire K-8 Center • Doral Academy
Dr. Carlos J. Finlay Elementary • Dr. Henry W. Mack/West Little River Elementary
First United Methodist Christian School • Frank C. Martin K-8 International Center
Gateway Environmental K-8 Learning Center • Gordon School of Beth David Congregation
Howard Drive Elementary • Hubert O. Sibley Elementary • Jacobson Sinai Academy
Jane S. Roberts K-8 Center • Key Biscayne Presbyterian Church School
Mandarin Lakes K-8 Academy • Mater Academy of International Studies
North Hialeah Elementary • Oak Grove Elementary • Palmetto Elementary
Pine Lake Elementary • Pinecrest Elementary • Rockway Elementary
Ruth K. Broad Bay Harbor K-8 Center • Somerset Academy (Dade Campus)
Somerset Academy Silver Palms • South Pointe Elementary • St. Kevin Catholic School
St. Thomas Episcopal Parish School • Sunset Elementary • The Charter School at Waterstone
W. J. Bryan Elementary • West Hialeah Gardens Elementary • Winston Park K-8 Center

FAIRCHILD CHALLENGE HIGHEST HONORS

Cash prizes for environmental initiatives were awarded to the
top-scoring elementary schools

\$250 Winners

Devon Aire K-8 Center • First United Methodist Christian School • Howard Drive Elementary
Jane S. Roberts K-8 Center • Key Biscayne Presbyterian Church School
Oak Grove Elementary • Pine Lake Elementary • Pinecrest Elementary
South Pointe Elementary • St. Thomas Episcopal Parish School • Winston Park K-8 Center

\$500 Winners

Bob Graham Education Center • Doral Academy • Hubert O. Sibley Elementary
Palmetto Elementary • W. J. Bryan Elementary

\$1,000 Winner

Sunset Elementary

THIRD PLACE OVERALL

Doral Academy

SECOND PLACE OVERALL

Hubert O. Sibley Elementary

FIRST PLACE OVERALL

Sunset Elementary

THIS BOOKLET IS ALSO AVAILABLE ONLINE AT WWW.FAIRCHILDCHALLENGE.ORG

THE FAIRCHILD CHALLENGE



Our mission is to save tropical plant diversity by exploring, explaining and conserving the world of tropical plants; fundamental to this task is inspiring a greater knowledge and love for plants and gardening so that all can enjoy the beauty and bounty of the tropical world.



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FAIRCHILD TROPICAL BOTANIC GARDEN

Exploring, Explaining and Conserving the World of Tropical Plants
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