



Important information about FC 2009-2010 HS options

Option 1 - Everglades "River of Grass" Performances (page 14)

Integrate audience participation (choral refrain or repeated verse); optional 2 acoustic rhythmic/musical instruments; maximum 10 performers; performance text must be submitted along with entry form due Wed., Oct. 14; students (teachers/administrators, if applicable) must be present to perform Wed., Oct. 28

Option 2A - Fairchild Challenge Designs (page 14)

Two-color image; students choose to interpret one aspect of the Fairchild Challenge's mission statement (page 1)

Option 2B – "Footprints" CD cover designs (page 15)

The winning design will be entered into the BGC and Fairchild Challenge global competition; theme of ecological footprint

Option 3 – Botanical Fashion Show (page 16)

Two "Miami-chic" casual/elegant outfits; one female/one male; family-friendly; real plant materials (less than 50% flowers and must include minimum of three different plant parts); supporting materials must be submitted with entry form due Wed., Nov. 4; students must model the outfits on Saturday, Nov. 21 and be present for the pre-judging beginning at 2:00 p.m.

Option 4 - Opinion Papers (page 16, 17)

Topic 4A – Biomimicry: field study programs at Fairchild available on Tuesdays for free
Topic 4B – Film review: "The Story of Stuff" 1 copy of DVD provided to each school; log must be integrated into the paper; glossary and resources downloadable on website at www.storyofstuff.com/resources; tip: have a school-wide viewing of the film to increase participation in this option

Option 5 - Environmental Immersion Day (page 17)

10 students per school; EID application and information materials (available online shortly) required for each student due Wed., Dec. 16; for site with water activities students must provide documentation of ability to swim and all required signatures; schools/students are responsible for transportation to & from sites; selected students must be excused from school and participate in activities at assigned site on Tues., March 23

Option 6 - Environmental Debate (page 18)

Topics will be posted online by Wed., Sept. 16; not limited to experienced debaters; 5 students and 2 alternates per school; optional - candidate for student presiding officer; debaters must be present on Sat., Jan. 30

Option 7 – Art (page 18-19)

All entries must have completed artwork description tag attached to them (available online); **art workshop opportunity for students**: Sat., Dec. 5 (page 24)

Option 7A – Art: Local Edible Plants (watercolor) (page 18)

Feature a plant for human consumption; take note of the minimum size requirement

Option 7B – Art: People and Edible Plants (photography) (page 19)

3 original environmentally-themed photographs; for photographs with more than one edible plant featured, provide botanical information for the most prominently featured plant(s).

Option 8 - Research projects (page 19, 20)

Students must be present to defend projects on Sat., Apr. 10; provide 6 copies of the written materials for the judges.

Topic 8A – LEED-Certified Science Classroom

Include a live, natural botanical component such as a terrarium; note the list of required features.

Topic 8B – Green Cuisine

Written reports due with entry form Wed., March 17

Topic 8C – Solar Inventions

Signed loan agreement required for loan of solar panels and electric motors; one set per school, available to schools that did not previously receive, or that received and returned all loaned materials

Topic 8D – Seed Germination

Senna Mexicana native seeds available to schools participating in Seed Germination project; research environmental factors of the native habitat; include timeline photos of the experiment and students conducting it

Option 9 - Environmental Action (page 21)

This year we are offering two Environmental action teacher professional development workshops to explore concrete ways to enhance environmental awareness – see pg. 21 for details.

BIG CHANGES THIS YEAR!!!

Students must present a PowerPoint presentation summarizing their projects at the Fairchild Challenge Environmental Action Reports event on Thurs., April 29. Up to 3 students must present before a panel of community leaders; at least two initiatives must be quantifiable. \$500 to \$1,000 Be Water Wise Miami Education mini-grants available - applications online, **deadline to apply: Oct. 7**

Option 10 - School garden / habitat restoration (page 22)

Length (12 pages) and format of reports are different from last year; include an interpretive component; opportunity for bonus points is provided in this option; \$250 to \$500 Be Water Wise Miami Education mini-grants available - applications online, **deadline to apply: Oct. 7**

Option 11 – FC 2009-2010 news video in two languages (page 23)

3-4 minute summary news video; a 30-second segment in Spanish or French; 15-30 second public service announcement on an environmental issue of your choice (PSA must be in English); video must be playable on either QuickTime or Windows Media player; encourage foreign language students, rather than native speakers, to develop foreign language segment



Fairchild Challenge 2009-2010 for high schools Important general information for teachers

Goals (see p. 4 of program booklet for details)

• NEW THIS YEAR –

- High school Awards Ceremony: **Tuesday, May 18, 6:30-8:30 p.m.**
- School awards: 1,000+ points for Fairchild Challenge Award; Schools of Excellence; cash awards for 16 top-scoring schools
- Students recognition: participants receive a four-person family pass to Fairchild and a limited number of FC t-shirts or drawstring backpacks to distribute to the most actively involved students

Fairchild Challenge website: www.fairchildchallenge.org

• NEW THIS YEAR –

- direct link to HS page: www.fairchildchallenge.org/highschool
- How-to-guides (for students and teachers) for many options will be found under *Resources*, on the website
- Visit the Fairchild Challenge YouTube Channel to view student performances, and other events - www.youtube.com/fairchildchallenge
- Fairchild Challenge is on Facebook: Friend us!!! Show your support by completing our Facebook survey
- Alumni Facebook page coming soon
- Check website frequently for required forms, important information and resources

Registration

- Mandatory registration form online; include at least three teachers, a media center representative and an administrator; must provide teachers' e-mails and school's enrollment. Please inform your administrator that you are registering for the Fairchild Challenge.
- One teacher sign-up poster per each registered school – place in a prominent faculty area to coordinate your school's participation; if needed we can provide more

Bonus points

• NEW THIS YEAR –

- Option 1: Everglades "River of Grass" (page 14) and Option 10: School garden (page 22)
- Student participation: 25 bonus points awarded for schools involving 25-49% of their school's enrollment; 50 bonus points awarded for schools involving >50% of their school's enrollment. Teachers must provide school enrollment on registration form and number of students who attempted each option on entry forms.

Program policies

- Environmental Role Models (one selection per school) for students and teachers; one overall HS Teacher of the Year award of \$1000
- All art (Options 7A & 7B), Green Cuisine (Option 8A) and Fairchild Challenge news videos in two languages (Option 11) become the property of Fairchild, and will not be returned. When submitting an entry please notify us in writing if you do not agree to these terms.
- Plagiarism will result in disqualification of all work submitted by the student(s) involved for the entire program year and all accumulated points will be nullified.

Environmental Action (page 21, 26)

- **NEW THIS YEAR** -
 - At least two quantifiable initiatives
 - Two Environmental action teacher professional development workshops will explore concrete ways to enhance environmental awareness - page 26
 - Sample project ideas/opportunities: Citizen science and "Project Budburst" initiative, Miami-Dade County DERM EEL workdays, pine rockland Developing Corridors project
 - many more possibilities: www.fairchildchallenge.org/environmentalaction

Resources for registered schools (teachers and students)

- "The Story of Stuff" DVD – one per school - option 4B
- Butterfly-themed native plants – one per school (based on availability)
- Solar panels and motors (available to first-time schools and those that never received them) – option 8C
- Native seed packets – one per school - option 8D
- NEEF-sponsored Be Water Wise Miami Education mini-grants (only for schools participating in Options 9 or 10): Two Categories – Water Conservation and Water Quality Initiatives; \$250-\$500 for school gardens (option 10) and \$500-\$1,000 for environmental action (option 9) (may include a water conservation element in the school garden); application online – deadline to submit: Wed., Oct. 7
- Reimbursement of transportation and other Fairchild Challenge-related costs (based on school need); request form available online shortly
- Specialized opportunities for schools, teachers and students from partner institutions; voter registration at all HS Fairchild Challenge events; art workshop opportunity for students; school garden workshops and professional development opportunities for teachers

Opportunities for students, teachers and schools

- Art workshop (option 7) – Dec. 5
- Biomimicry field study program free to students
- Environmental action workshop (option 9) – Sept. 26 & Oct. 17
- School garden workshop (option 10) – Oct. 3 & Dec. 12
- Additional workshops are available on Fairchild's website. Check the Teachers' Professional Development tab for details.