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## Professional Development Training

**Educating, Empowering + Environmental Protection**



# Welcome & Introductions

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- **Barbara Martinez-Guerrero**, Executive Director – Dream in Green
- **Vanessa Ramirez**, Dream in Green Board Member

## THANK YOU TO OUR DREAM IN GREEN ANNUAL SPONSORS



Celebrity **X** Cruises®



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THE BATCHELOR FOUNDATION, INC.



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Services, Inc.

★  
STS Florida  
Electronic Recycling





# Receiving Master Plan Points

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- Must be enrolled in the Green Schools Challenge.

To enroll: <http://dreaminggreen.org/dig-academy-application/>

- Ensure you initial the MDCPS Roster Sign In sheet at the end of the training
- Complete the online Dream in Green Academy survey by Friday, Oct 5th
- Complete the MyLearningPlan online evaluation. Those who attended the workshop will show up in the system and can complete this.
- Email Yearly Goal PDF to your program manager. Remember to include the names of all teachers from your school who attended the workshop if only emailing one worksheet per school.

# Agenda

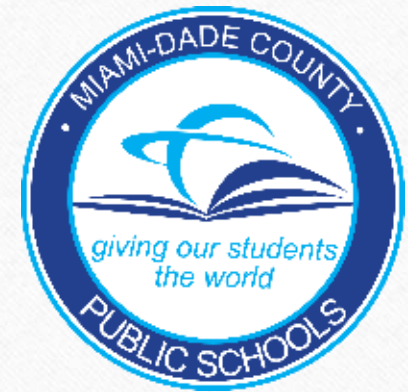
<b>9:00 – 9:30 AM</b>	30 min	Registration and continental breakfast
<b>9:30 – 9:40 AM</b>	10 min	<b>Welcome and Introduction</b> <ul style="list-style-type: none"><li>• Barbara Martinez-Guerrero, Executive Director – Dream in Green</li><li>• Vanessa Ramirez, Board of Directors member</li></ul>
<b>9:40– 10:00 AM</b>	20 min	<b>Overview of MDCPS Sustainability Initiatives and Q&amp;A</b> <ul style="list-style-type: none"><li>• William Barimo, Executive Director, Design and Sustainability – Miami-Dade County Public Schools</li></ul>
<b>10:00 – 11:00 AM</b>	1 hour	<ul style="list-style-type: none"><li>• Dream in Green Academy training video</li><li>• PowerPoint Presentation</li><li>• Q&amp;A</li></ul>
<b>11:00 -11:15 AM</b>	15 min	<b>BREAK</b>
<b>11:15 -11:30 AM</b>	15 min	<b>Guest Speaker - TBD</b>
<b>11:30 – 12:05 PM</b>	35 min	<b>Dream in Green Academy Program Partners</b> <ul style="list-style-type: none"><li>• Jordan Niefeld - Deedly</li></ul>
<b>12:05 – 12:50 PM</b>	45 min	<b>Break-out Sessions</b>
<b>12:50 – 1:00 PM</b>	10 min	<b>Review, Evaluations, Closing Remarks</b> <ul style="list-style-type: none"><li>• Review of timeline and actions</li><li>• Participants complete workshop evaluation survey</li></ul>



# Guest Speaker

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- **Mr. William Barimo**, Executive Director, Design and Sustainability – Miami-Dade County Public Schools
- **Overview of MDCPS Sustainability Initiatives**



# Implementing the Dream in Green Academy Programs

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Green  
Leadership  
Grants

Dream in Green has an 12-year history of educating, empowering & promoting sustainable practices in schools, homes & communities. Our programs are free, flexible & can complement any green initiatives that are already in place at the school. Now let's watch our new 12 minute [training video](#).



# Green Schools Challenge

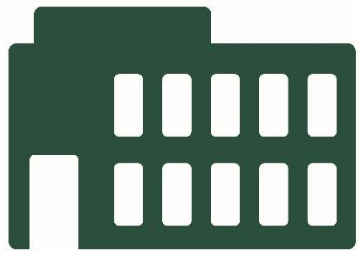
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- Dream in Green's flagship program started in 2006
- Schools enrolled in this program learn the basics of sustainability & build the foundation for a green school
- Contact: [alexandra@dreaminggreen.org](mailto:alexandra@dreaminggreen.org)

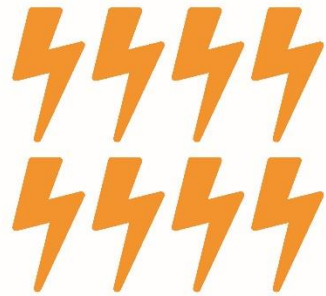


# Dream in Green's Impact To Date



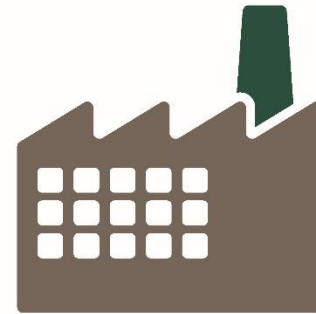
**\$2.8**

Million dollars  
saved in energy  
costs across Miami-  
Dade public schools



**29.2**

Million kilowatt  
hours of  
electricity saved



**44.6**

Million pounds of  
CO<sub>2</sub> emissions  
reduced or offset

**=**



**2,961**

Homes off the grid  
for one year



# GUIDEBOOK 2018/19



Elementary School Curriculum



# GUIDEBOOK 2018/19



Middle School Curriculum



# GUIDEBOOK 2018/19

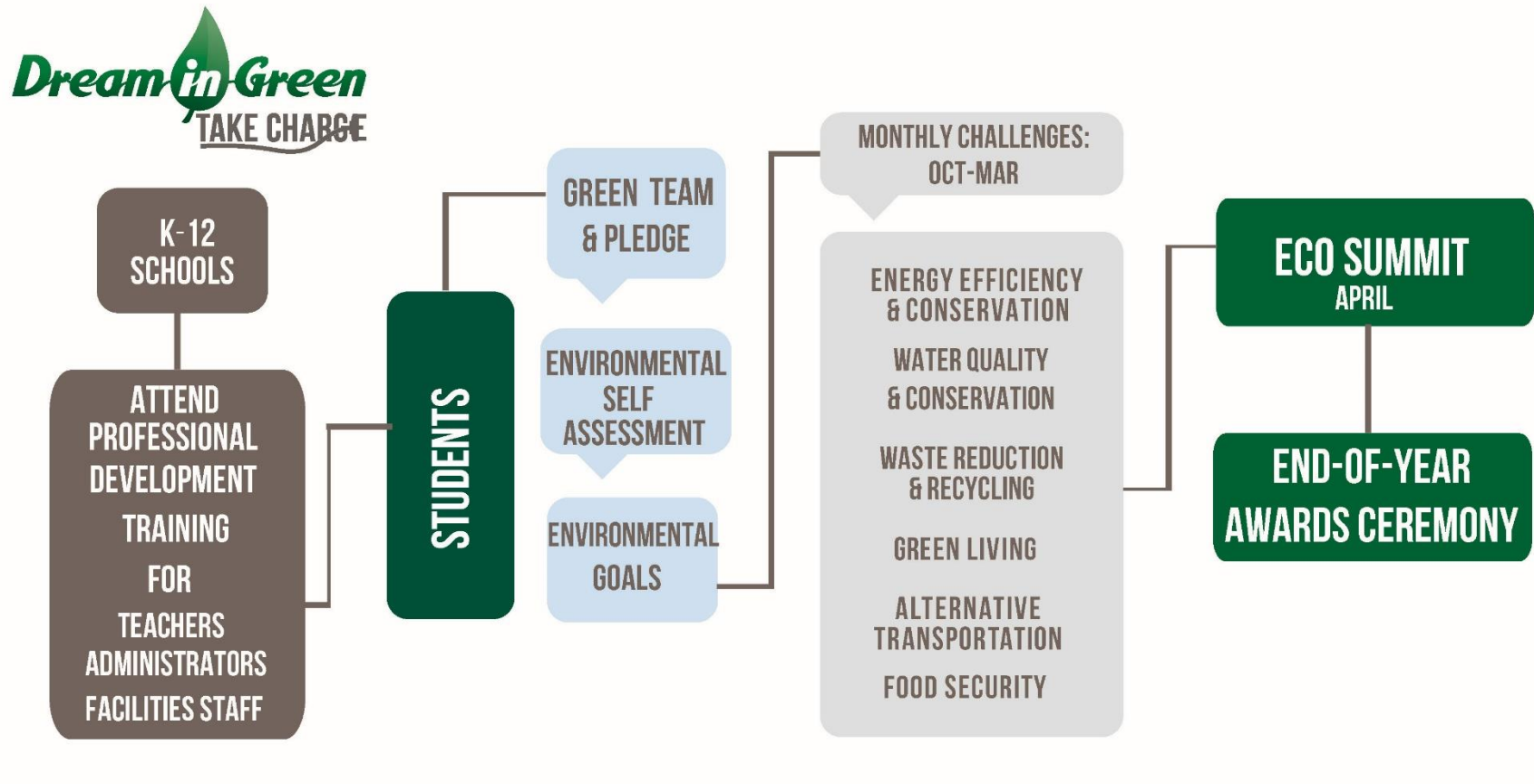


High School Curriculum

[Online Guidebook\\*](#)



# The Academy's Structure



# 2018-2019 ACTIVITIES TIMELINE

## SEPTEMBER — BEGINNING THE GREEN SCHOOLS CHALLENGE

- ☐ Enroll in the Green Schools Challenge
- ☐ Attend the Professional Development Training or watch the video (Required) (10 points)
- ☐ Create a Green Team & take a pledge to green the school (Required) (10 points)
- ☐ Complete the Environmental Self Assessment (Required) (10 points)
- ☐ Set your school's Yearly Environmental Goals for 2018-2019 (Required) (20 points)

## OCTOBER — ENERGY EFFICIENCY AND CONSERVATION

- ☐ Complete the Energy Efficiency and Conservation Challenge (10 points)

## NOVEMBER — WATER QUALITY AND CONSERVATION

- ☐ Complete the Water Quality and Conservation Challenge (10 points)
- ☐ Participate in Give Miami Day on November 15, 2018 to help raise funds for Dream in Green

## DECEMBER — WASTE REDUCTION AND RECYCLING

- ☐ Complete the Waste Reduction and Recycling Challenge (10 points)
- ☐ Holiday Shutdown Checklist

## JANUARY — GREEN LIVING (BUILDINGS + CAREERS)

- ☐ Attend Mid-Year Meeting (5 points)
- ☐ Complete the Green Living Challenge (10 points)

## FEBRUARY — ALTERNATIVE TRANSPORTATION

- ☐ Complete the Alternative Transportation Challenge (10 points)

## MARCH — FOOD SECURITY

- ☐ Complete the Food Efficiency Challenge (10 points)

## APRIL + MAY — ECO SUMMIT

- ☐ Assess your school's Yearly Environmental Goals (20 points)
- ☐ Organize your school's Eco-Summit (30 points)
- ☐ Complete end of the year teacher survey (10 points)

## JUNE — AWARDS CEREMONY

- ☐ Attend End-of-Year Awards Ceremony (Celebrate!)



# Beginning the Year Points

## STARTING THE PROGRAM:

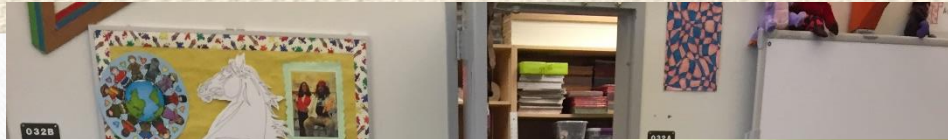
Beginning Green Schools Challenge:	Possible Points:	Deadline:
Lead teacher (s) attend PD training or watch training Video	10	October 5, 2018
Assembly of Green Team & Create a Pledge	10	October 5, 2018
Environmental Self-Assessment	10	October 5, 2018
School Environmental Goals for 2018-2019	20	October 5, 2018
<b>TOTAL :</b>	<b>50</b>	

# Tips for a Successful Green Team

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- Assign roles to different members of the Green Team and delegates tasks
- Captain: leads and motivates the team with guidance from a teacher
- Co-captain: keeps track of the action plan
- Topics: assign a different member per topic to lead the activity
- Photographer: in charge of taking photos and videos of the members in action and of completed projects
- Involve facilities staff, hold team meetings & report progress on projects







# Pillar 2: Environmental Assessment:

## State Recognized Green School Designation

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- Green Apple/Ribbon designation through Florida Department of Environmental Protection:
  - 8 of the 12 designated Green Schools by FDEP are in Broward and Miami-Dade counties
- Florida's Green Schools Network
  - Broward and Palm Beach school districts both have GOLD level designation





# Pillar 3: Yearly Environmental Goals

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- Helps teachers, facilities staff and Green Teams brainstorm which activities and projects to implement each month
- Sets an action plan for the school year
- Set realistic goals that can be implemented and tracked

Examples and Format



# Challenge Topic Points

## MAIN ACTIVITIES THROUGHOUT THE YEAR – OCTOBER THROUGH APRIL MONTHLY CHALLENGES

Themes:	Activities:	Possible Points:	Green Leadership Grants Deadlines:	Form Submission Deadlines:
<b>OCTOBER: ENERGY EFFICIENCY &amp; CONSERVATION</b>	<b>Community Building</b> (Pre K – 1 <sup>st</sup> grade) <b>Hands-on</b> (2 <sup>nd</sup> – 3 <sup>rd</sup> grade) <b>Lab Activity</b> (4 <sup>th</sup> – 5 <sup>th</sup> grade) <b>Create Your Own</b> (Pre K – 5 <sup>th</sup> )	10	Mon, October 1 2018	Wed, December 19 2018
<b>NOVEMBER: WATER QUALITY &amp; CONSERVATION</b>	<b>Community Building</b> (Pre K – 1 <sup>st</sup> grade) <b>Hands-on</b> (2 <sup>nd</sup> – 3 <sup>rd</sup> grade) <b>Lab Activity</b> (4 <sup>th</sup> – 5 <sup>th</sup> grade) <b>Create Your Own</b> (Pre K – 5 <sup>th</sup> )	10	Mon, November 5 2018	Wed, December 19 2018
<b>DECEMBER: WASTE REDUCTION &amp; RECYCLING</b>	<b>Community Building</b> (Pre K – 1 <sup>st</sup> grade) <b>Hands-on</b> (2 <sup>nd</sup> – 3 <sup>rd</sup> grade) <b>Lab Activity</b> (4 <sup>th</sup> – 5 <sup>th</sup> grade) <b>Create Your Own</b> (Pre K – 5 <sup>th</sup> )	10	Mon, December 3 2018	Wed, December 19 2018
<b>JANUARY: GREEN LIVING (BUILDINGS &amp; CAREERS)</b>	<b>Community Building</b> (Pre K – 1 <sup>st</sup> grade) <b>Hands-on</b> (2 <sup>nd</sup> – 3 <sup>rd</sup> grade) <b>Lab Activity</b> (4 <sup>th</sup> – 5 <sup>th</sup> grade) <b>Create Your Own</b> (Pre K – 5 <sup>th</sup> )	10	Wed, January 9 2019	Fri, April 5 2019
<b>FEBRUARY: ALTERNATIVE TRANSPORTATION</b>	<b>Community Building</b> (Pre K – 1 <sup>st</sup> grade) <b>Hands-on</b> (2 <sup>nd</sup> – 3 <sup>rd</sup> grade) <b>Lab Activity</b> (4 <sup>th</sup> – 5 <sup>th</sup> grade) <b>Create Your Own</b> (Pre K – 5 <sup>th</sup> )	10	Mon, February 4 2019	Fri, April 5 2019
<b>MARCH: FOOD SECURITY</b>	<b>Community Building</b> (Pre K – 1 <sup>st</sup> grade) <b>Hands-on</b> (2 <sup>nd</sup> – 3 <sup>rd</sup> grade) <b>Lab Activity</b> (4 <sup>th</sup> – 5 <sup>th</sup> grade) <b>Create Your Own</b> (Pre K – 5 <sup>th</sup> )	10	Fri, March 1 2019	Fri, April 5 2019
<b>TOTAL:</b>		<b>60</b>		



# **\*For Middle and High Schools only**

## **THEME ACTIVITIES THROUGHOUT THE YEAR**

<b>Themes:</b>	<b>Activities:</b>	<b>Possible Points:</b>
<b>ENERGY EFFICIENCY &amp; CONSERVATION</b>	<b>STE(A)M Activity or Create Your Own</b>	<b>10</b>
<b>WATER QUALITY &amp; CONSERVATION</b>	<b>STE(A)M Activity or Create Your Own</b>	<b>10</b>
<b>WASTE REDUCTION &amp; RECYCLING</b>	<b>STE(A)M Activity or Create Your Own</b>	<b>10</b>
<b>GREEN LIVING (BUILDINGS &amp; CAREERS)</b>	<b>STE(A)M Activity or Create Your Own</b>	<b>10</b>
<b>ALTERNATIVE TRANSPORTATION</b>	<b>STE(A)M Activity or Create Your Own</b>	<b>10</b>
<b>FOOD SECURITY</b>	<b>STE(A)M Activity or Create Your Own</b>	<b>10</b>
<b>TOTAL:</b>		<b>60</b>



# Submissions

- All activities will have a google form available through the online guidebooks
- Any attachments including pictures, videos, etc will be emailed to the Program Manager:  
[alexandra@dreamingreen.org](mailto:alexandra@dreamingreen.org)



## Monthly Scoring Rubric

Criteria	0 points	1 point	2 points	3 points	4 points	Total Possible
On time submission	No	Yes	/	/	/	1
Complete submission form	No	Yes	/	/	/	1
Social media tag	No	Yes – used official hashtags & school name	/	/	/	1
Implementation	No students were involved	Green Team was involved in activity	Additional class(es) involved	School wide participation in activity or activity involved community members	/	3
Evaluation/Impact	No evaluation or Impact recorded	<ul style="list-style-type: none"> <li>• School provided summary of activity</li> <li>• Evaluation/ Documentation missing</li> </ul>	<ul style="list-style-type: none"> <li>• School provided analysis of impact that activity achieved</li> <li>• Evaluation/ Documentation provided (student letters, video, graph, etc.)</li> </ul>	<ul style="list-style-type: none"> <li>• School provided summary, analysis, and ideas for extension of activity/next step</li> <li>• Evaluation/ Documentation provided (student letters, video, graph, etc.)</li> </ul>	<ul style="list-style-type: none"> <li>• School provided summary, analysis, and implemented an extension activity (ex. policy changed, new program created)</li> <li>• Evaluation/ Documentation provided (student letters, video, graph, etc.)</li> </ul>	4
<b>TOTAL</b>						<b>10</b>



# End of the Year Points

## END OF YEAR ACTIVITIES:

Ending of Green Schools Challenge:	Possible Points:	Deadline:
End of the year Teacher Survey	10	Wednesday, May 1, 2019
Participation in Eco-Summit	30	Wednesday, May 1, 2019
School Environmental Goals Assessment	20	Wednesday, May 1, 2019
<b>Total :</b>	<b>60</b>	

# Bonus Activities Points

## SUPPLEMENTAL/BONUS ACTIVITIES THROUGHOUT THE YEAR:

Bonus Activities:	Possible Points:	Deadline	Resources:
National Environmental Campaign: Imagine a Day Without Water	5	Weds, October 10 2018	<a href="http://imagineadaywithoutwater.org/">http://imagineadaywithoutwater.org/</a>
Registration in - How Low Can You Go Challenge: Reversing Levels of CO2	5	Thurs, November 15 2018	<a href="http://www.howlowcanyougochallenge.com/">http://www.howlowcanyougochallenge.com/</a>
Registration/participation in SECME Competitions	5	December 2018	<a href="#">About SECME Olympiad</a> Info. <b>Category:</b> FPL Generator Challenge
M-DCPS Regional Science Fair Poster Submission	5	December, 2018	Regional Science Fair Info. <b>Categories:</b> Environmental Science, Inventions, Botany
Lead Teacher Participation Mid-Year Meeting	5	January, 2019	<b>Date TBD</b>
Deedly Video Challenge	5	Fri, February 1 2019	details to be announced in January, 2019
National Environmental Campaign: Earth Hour	5	Sat, March 30 2019	<a href="https://www.earthhour.ae/">https://www.earthhour.ae/</a>
National Environmental Campaigns: Earth Day	5	Mon, April 22 2019	<a href="https://www.earthday.org/earthday/">https://www.earthday.org/earthday/</a>
Guided Community Service Projects	5	Wed, May 1 2019	<b>Examples:</b> <a href="#">Baynanza</a> , <a href="#">EEL Workdays</a>
Shoreline Cleanups	5	Wed, May 1 2019	<a href="http://www.volunteercleanup.org/">http://www.volunteercleanup.org/</a> * Join one scheduled or create your own
<b>TOTAL:</b>	<b>50</b>		



# STE(A)M Designation

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- In order to receive points for STE(A)M Designation, schools enrolled must complete the following by April 5, 2019:
- All beginning of the year activities:
  - Attend training/watch training video
  - Assemble Green Team and take pledge
  - Deedly (middle and high only)
  - Environmental Assessment
  - School Environmental Goals
- 3 topic activities out of the 6

## AWARD

## DESCRIPTION

**Top Green Schools**  
1st, 2nd & 3rd place

Top 3 Green Schools Challenge participants with highest overall scores

**Green Machines**

Next top 5 green schools with highest overall scores

**Green Rising Stars**

Subsequent top 10 green schools with highest overall scores

**Green Game Changer**

Green Team student member showing the greatest leadership in implementing the program

**Green Key Award**

Facilities staff who helped Green Teams implement the program

**Innovation in Education**

Teacher champion showing exemplary green leadership, passion and creativity

**Best Principal**

School principal highly involved and supportive of the Green Team's initiatives



# Program Features & Benefits

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- Support to schools through trainings, guidebooks, green leadership grants, site visits & e-newsletters
- Dream in Green curriculum is aligned with Miami-Dade County's STEM pacing guides
- Helps reduce your school's carbon footprint & utility costs by becoming more water & energy efficient
- Increases environmental literacy & students develop leadership, teamwork & critical thinking skills
- Empowers students to make informed decisions about environmental issues; impacts communities
- Successes are celebrated; prizes & trophies are awarded at the end-of-year awards ceremony in May

# Additional Program Features & Partners

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**Green**  
Leadership  
[www.dreaminggreen.org](http://www.dreaminggreen.org)





# Green Leadership Grant Proposals

- **Challenge Grants** (October to March): Dream in Green will award two \$350 grants per month to support challenge activities
- **Eco-Summit Grants** (April): Dream in Green will award grants to support eco-summits that showcase students' 'green' projects to the entire school and community
- **Compost Challenge**: Dream in Green will award grants up to \$500 to schools that want to implement or expand an existing composting program.
- Submit the grant proposal form by the deadline to be considered for funding. More information can be found in the guidebook and on our [GLG website page](#)
- Contact Sophia Salver with additional questions: [Sophia@dreamingreen.org](mailto:Sophia@dreamingreen.org)



# Program Partner – The Miami Heat

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- Activity Guidelines & Nov 1<sup>st</sup> Deadline
- Miami Heat Games & Certificate of Completion





# Upcoming Deadlines

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- Complete Dream in Green Academy training workshop survey **(by Oct 5<sup>th</sup>)**
- Complete online evaluation to obtain Master Plan points **(by Oct 5<sup>th</sup>)**
- Complete Yearly Environmental Goals worksheet **(or email by Oct 5<sup>th</sup>)**
- Complete the Academy's 4 pillars and send photos/videos: 1) create/expand a Green Team & take a pledge to green the school, 2) environmental self assessment, 3) environmental goals **(by Oct 5<sup>th</sup>)**
- Submit the year's first Green Leadership Grant proposal **(by Oct 8<sup>th</sup>)**

# Closing Remarks

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If you have any questions regarding the DIG Academy, please contact:

- Alexandra Ender, Green School Challenge Program Manager, [alexandra@dreaminggreen.org](mailto:alexandra@dreaminggreen.org)
- Call the office at 786-574-4909

Please complete training survey \*

\*Necessary for Master Plan Points



# MDCPS Design & Sustainability Contacts

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Victor Alonso – Administrative Director of Design & Sustainability:

[valonso2@dadeschools.net](mailto:valonso2@dadeschools.net), 305-995-4606

Bill Barimo – Director Facilities Design & Standards:

[wbarimo@dadeschools.net](mailto:wbarimo@dadeschools.net), 305-995-4575



# Thank You For Your Time!

