



# **21<sup>st</sup> Century Schools**

## **General Obligation Bond Implementation Dialogue**

**May 13, 2013**

# 21<sup>st</sup> Century Schools General Obligation Bond

## Guiding Principles

1. Enhance the safety and security of school buildings
2. Renovate or upgrade every school
3. Guarantee technology equity across all schools
4. Seek stakeholder input while minimizing taxpayer burden
5. Promote greater public/private partnership ventures
6. Provide economic development and employment opportunities to our community
7. Provide transparency and confidence with citizen advisory & oversight committees to ensure timely and equitable distribution of projects
8. Dollars reinvested in the local economy





**21<sup>st</sup> Century Schools  
General Obligation Bond  
Preparing for Project Implementation**

# 21<sup>st</sup> Century Schools General Obligation Bond Preparing for Project Implementation

o A promise made is a promise kept:

## Program Transparency

- ✓ Established District GOB website:  
<http://bondsforschools.dadeschools.net>
- ✓ Six-year project implementation rollout plan was presented to the School Board at a workshop on January 17, 2013
- ✓ 21<sup>st</sup> Century Schools Bond Advisory Committee fully constituted with inaugural meeting held on March 18, 2013 to discuss Bond implementation and timelines



# 21<sup>st</sup> Century Schools General Obligation Bond Preparing for Project Implementation

o A promise made is a promise kept :

## **Local economic development**

- ✓ Office of Economic Opportunity established by the School Board and Director appointed
- ✓ Small Business Enterprise (SBE) Goal Setting and Advisory committees in place with inaugural meetings in March, 2013
- ✓ Firm hired to complete disparity study to determine future level of participation in Bond funded projects by Minority/Women Business Enterprise firms (projected completion summer of 2013)

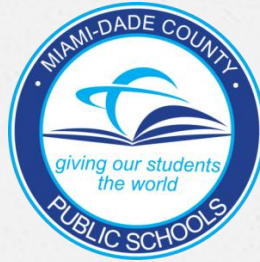
# 21<sup>st</sup> Century Schools General Obligation Bond Preparing for Project Implementation

o A promise made is a promise kept:

## **Private sector participation**

- ✓ Greatly expanded list of architects, engineers and contractors to handle first wave of 65 projects with construction values between \$1 million and \$2 million (Year 1 of rollout)
- ✓ Selected outside Program Management Services firm (Board approval received at May 8, 2013 Board meeting)





# **21<sup>st</sup> Century Schools General Obligation Bond**

## **District 6 Schools**

# 21<sup>st</sup> Century Schools General Obligation Bond District 6 Profile

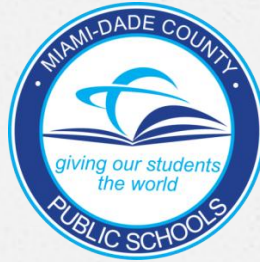
## o Four feeder patterns:

- o Coral Gables Senior
- o Miami Senior
- o South Miami Senior
- o Southwest Miami Senior



# 21<sup>st</sup> Century Schools General Obligation Bond District 6 Profile

- o Approximately 3.7 million square feet in 35 schools
  - o 15 - Elementary
  - o 5 - K-8 Centers
  - o 7 - Middle
  - o 1 - 6<sup>th</sup> through 12<sup>th</sup> Grade Facility
  - o 6 - Senior High
  - o 1 - Other Educational Facility



# **21<sup>st</sup> Century Schools General Obligation Bond**

**Rollout – District 6**



# Project Implementation by Year – District 6

School Name	R (Renovations) RR (Replace/ and Renovations)	Year 1 12-13	Year 2 13-14	Year 3 14-15	Year 4 15-16	Year 5 16-17	Year 6 17-18	Phase 1 Years 1-3	Phase 2 Years 4-6
Ada Merritt K-8 Center	R		√					√	
Auburndale Elementary School	RR	√						√	
Blue Lakes Elementary School	RR					√			√
Citrus Grove Elementary School	RR				√				√
Citrus Grove Middle School	R		√					√	
Coconut Grove Elementary School	R			√				√	
Coral Gables Preparatory Academy	R		√					√	
Coral Gables Preparatory Academy (Merrick Site)	R		√					√	
Coral Gables Senior High	R			√				√	
Coral Way K-8 Center	R				√				√
David Fairchild Elementary School	RR						√		√
English Center	R	√						√	
Frances S. Tucker Elementary School	RR					√			√
George Washington Carver Elementary School	RR		√					√	
George Washington Carver Middle School	R				√				√
Glades Middle School	R/Addition					√			√

# Project Implementation by Year – District 6

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Henry S. West Laboratory School	RR				√				√
Key Biscayne K-8 Center	R	√						√	
Ludlam Elementary School	RR	√						√	
Maritime & Science Technology Academy	R		√					√	
Ponce De Leon Middle School	R	√						√	
Riverside Elementary School	R		√					√	
Riviera Middle School	R				√				√
Shenandoah Elementary School	R	√						√	
Shenandoah Middle School	R			√				√	
Silver Bluff Elementary School	R			√				√	
Snapper Creek Elementary School	RR	√						√	
South Miami K-8 Center	R		√					√	
South Miami Middle School	R				√				√
South Miami Senior High	R					√			√
Southwest Miami Senior High (Phased)	RR			√		√		√	√
Sunset Elementary School	R					√			√
Tropical Elementary School	RR						√		√
6-12 Facility at MAST	NEW	√						√	

21 Projects Started Through  
2014-2015

14 Projects Started 2015  
Through 2017-2018



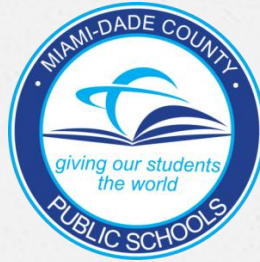
# 21<sup>st</sup> Century Schools General Obligation Bond District 6 Project Rollout Recap

- o Total of 35 projects
- o 21 to be implemented starting June 2013 through 2014-15
  - o 20 include renovations (5 also include some building replacements) and a new 6-12 grade facility
  - o Portable removal where needed and classroom technology included

## 21<sup>st</sup> Century Schools General Obligation Bond District 6 Project Rollout Recap

- o 14 to be implemented starting 2015-16 through 2017-18
  - o All include renovations (6 of those also include some building replacements) and 1 addition
  - o Portable removal where needed and classroom technology included
- o Technology enhancements at 3 (new/replacement) schools in last year of Bond rollout

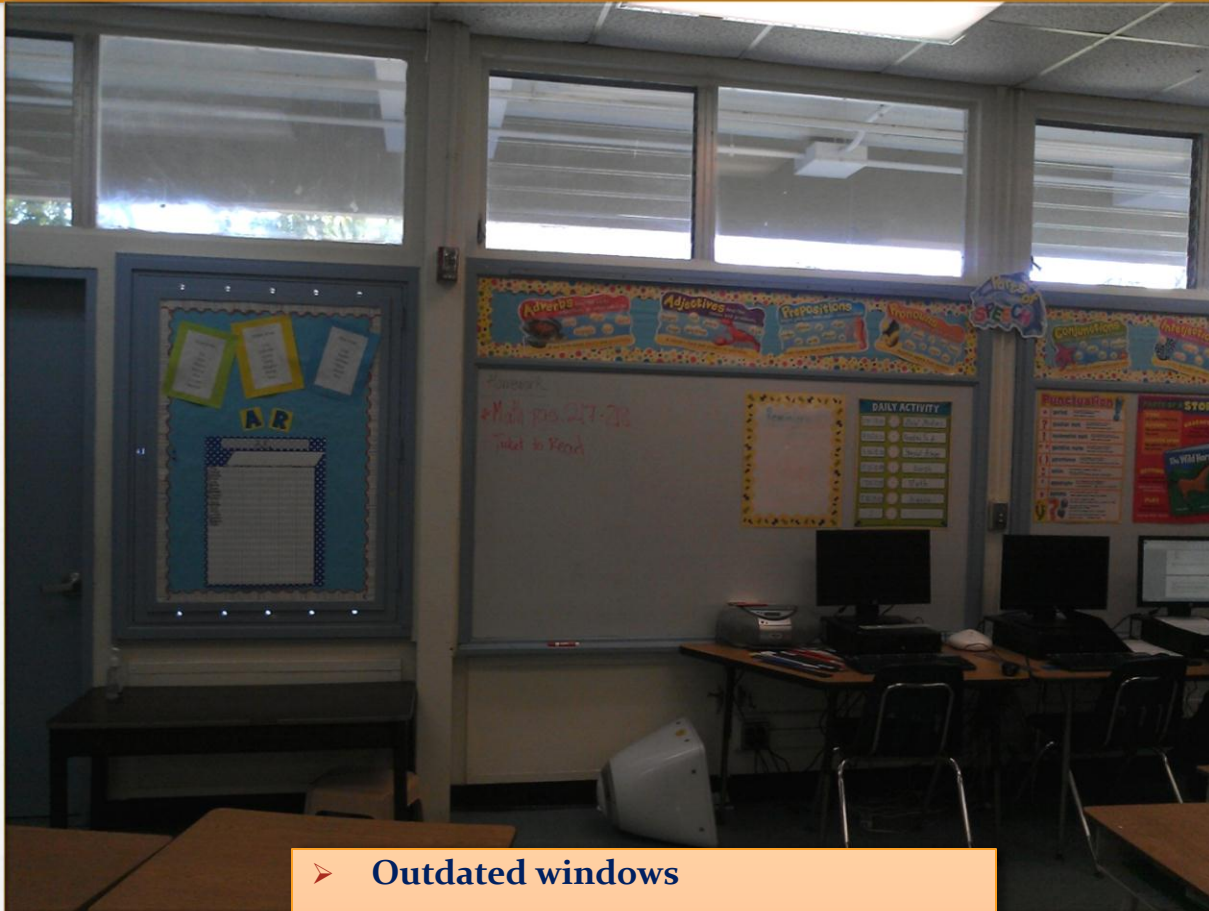




# **21<sup>st</sup> Century Schools General Obligation Bond**

## **Enhancing the Classroom Environment**

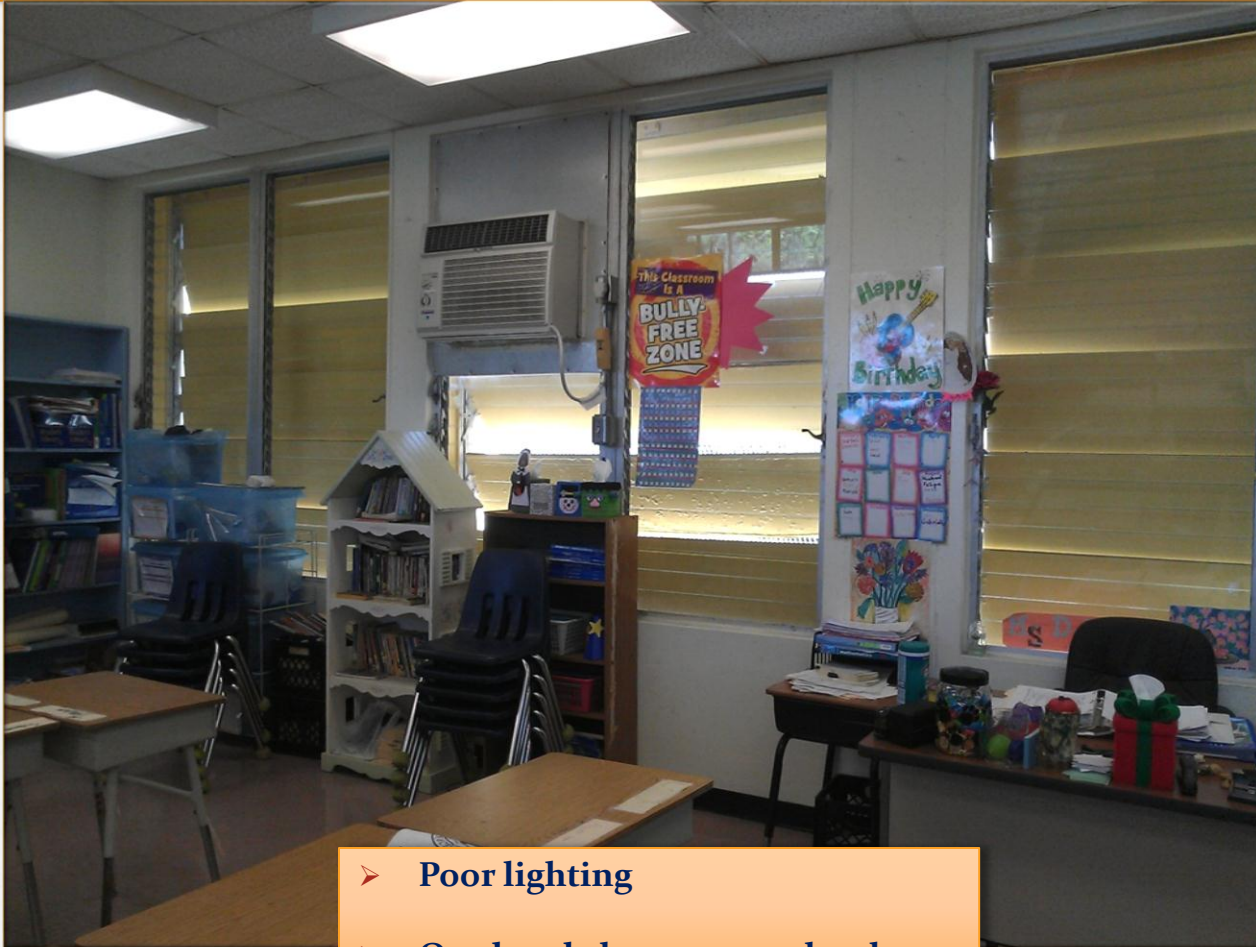
## Typical Older Classroom Before Renovations



- Outdated windows
- Window A/C units



## Typical Older Classroom Before Renovations



- Poor lighting
- Outdated classroom technology



## Typical Classroom After Renovations



- New code compliant windows
- Updated HVAC system

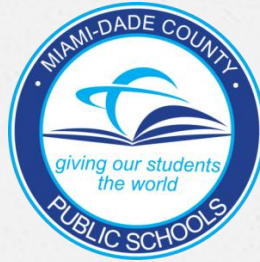


## Typical Classroom After Renovations



- Energy efficient lighting
- State-of-the-art classroom technology

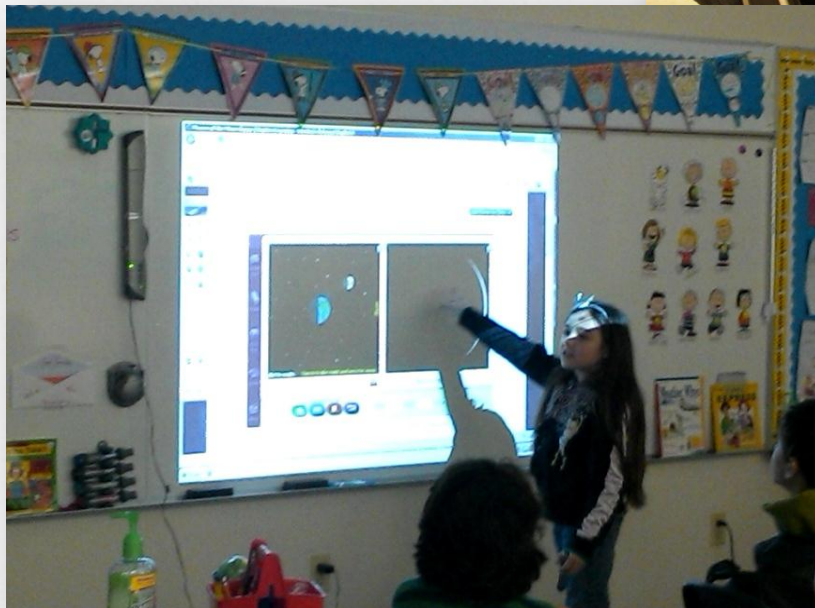




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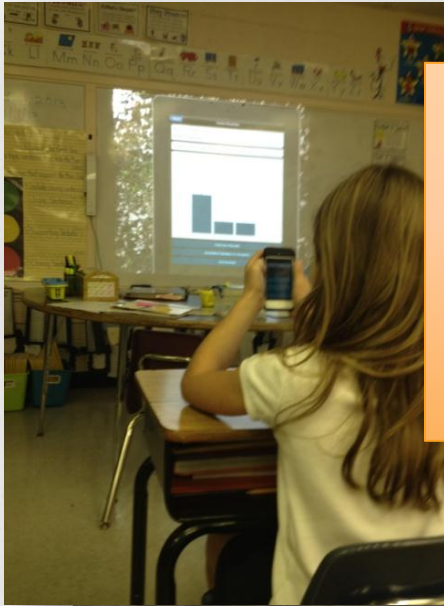
## **Technology Integration and the Ideal Classroom**

**More uniformity of  
classroom technology  
across the district**



**Increased integration  
of technology in  
instruction**





**Greater use of mobile devices working with classroom technologies**



**Greater capabilities for student multimedia presentations, project-based student work, videoconferencing...**



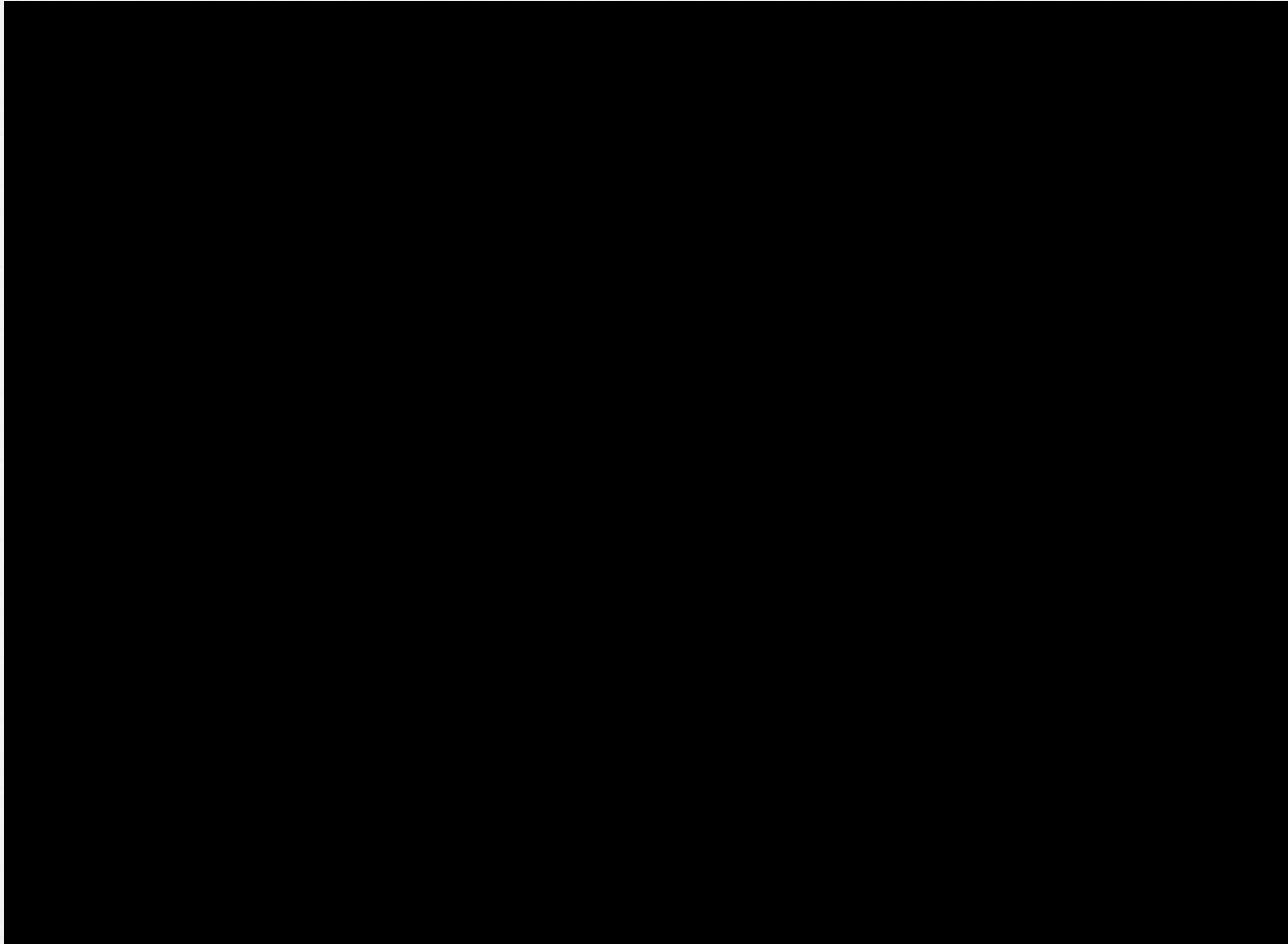


- Attractive space
- Presentation capabilities
- Flexibility in furniture arrangement for project-based instruction
- Environment promoting collaborative work and group assignments



- Mobile devices address teaching and learning in the 21<sup>st</sup> Century
- Extend access to digital resources beyond school day

# The Classroom of Tomorrow





# 21<sup>st</sup> Century Schools

*“Prosperity & Security Now & Into the Future”*

