



# Black Economic Summit

## Howard University

February 1, 2013

### Project Bright IDEA: A Model for Public Education

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# Public Education Issues

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- Many Issues with Complex Solutions
- My Focus today - Preparing Students to be Scholarly for school, work and life!
- How do we prepare all students to have a scholarly attitude?
  - Re-Training Educators
  - A Bright IDEA: Gifted Education Curriculum for All Students - NY Times Article - Racial Gap- 1-12-13



# Scholarly Defined

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Schol-ar-ly - adj

3. In keeping with a rigorous and systematic approach to acquiring knowledge

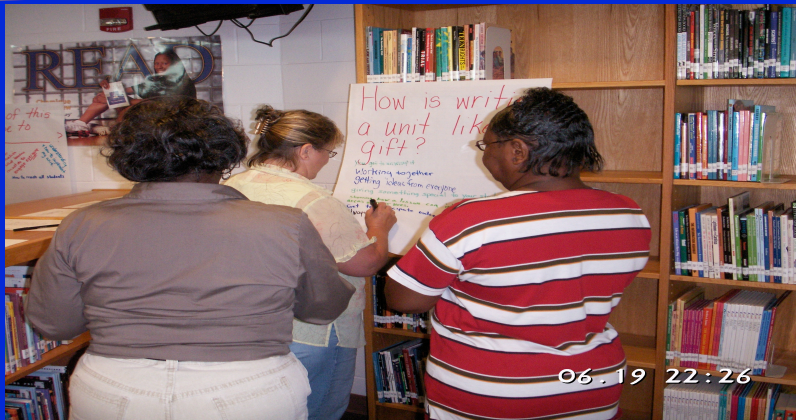
# Bright IDEA is....



**A Nurturing and  
Cognitive  
Development  
Strategy for all  
children and a re-  
training model for  
all teachers.**



# Gifted Curriculum for All



- Change Dispositions of Educators to Believe that all students can learn advanced and rigorous content; &
- Integrate Gifted Intelligent Behaviors into all curriculum

Assumption:  
Bright IDEA Transcends  
racial and ethnic inequality,  
poverty and background  
knowledge and .....  
Engages the family in the  
education of their children.

# Bright IDEA is a model that.....

- **fosters** change in teacher dispositions for nurturing academic potential and developing talent in all students;
- **encourages** the development of rich, engaging and challenging concept-based curriculum for ALL students;
- **meets** the special needs of the exceptional children and low performing students;
- **encourages** innovation by teachers, principals and curriculum specialists; and
- **forms** partnerships between principals, teachers, parents, students and the community.

# Bright IDEA is.....

- A differentiated instructional model;
- A toolbox of current research-based practices for teachers, principals and students;
- Rigorous professional training that aligns with new teacher evaluation instruments
- A multi-faceted, interdisciplinary and integrated set of curricular components;
- A natural or organic approach to teaching and learning and
- Nurtures and engages each student around interest, learning styles, intelligent behaviors and multiple intelligences!



# Concept-Based Units of Study

## **Universal Concepts** (Sandra Kaplan)

- CHANGE
- CHAOS
- CONFLICT
- EXPLORATION
- FORCE
- ORDER
- PATTERNS
- POWER
- STRUCTURE
- SYSTEMS
- RELATIONSHIPS

## ■ **Problem & Project Based Learning**

- Torrence's Problem Solving Model, UGA
- Differentiate Performance Tasks by
  - Academic Disciplines Integrated
  - Student Interests
  - Learning Styles
  - Gifted Behaviors/MI's
  - Three Tiered Levels of Learning

# Leonardo & Michelangelo Debate: Who was the Greatest Creator of His Time?

## First and Second Graders - Unit on Exploration





Leonardo

BEAUTIFUL DREAMS

by Robert Byrd

Renaissance

prosperous

magnificent

inquisitive

inspired

sculptor

apprentice

contemplation

curiosity

philosopher

anatomy

infinite

genius

architect

perspective

A  
Time

Apr 15, 1452

Leonardo was

1468

Leonardo

1482

He began his famous notebooks  
Leonardo leaves Model of great

•RR-2<sup>nd</sup> Grade



# Planning



# Our Community



# Community Unit on Change, Patterns & Relationships



10.30 01:10

From Dr. William “Sandy” Darity, Duke University on Identification for Honors and Gifted Programs:

*“Universalize the equivalent of the Gifted Program for all students.”*

- *Gifted Placement today:*

“One out five, if a White kid; One out of twenty, if a Black or Hispanic kid”

*State of Things - WUNC Radio - June 2006*

# Significant Disposition Changes in Javits Research

- Q. 33 – Responsibility for actively nurturing Gifted (Cohort-3 more than Cohorts-1 and 2)
- Q. 34 – Awareness of link between goal accomplishment and student interests.
- Q. 35b – Establishment of high expectations of ALL students.
- Q. 42 – View of giftedness as a function of nature, not nurture.
- Q. 43 – Increased understanding of the role of meta-cognition in student learning.

# Head Count - All Cohorts

## Graduates of Bright IDEA - 2007-2009

	Identified as Gifted *	
	<u>BI</u>	<u>Non-BI</u>
<b>Cohort-1</b>	<b>24%</b>	<b>10%</b>
<b>Cohort-2</b>	<b>46%</b>	<b>10%</b>
<b>Cohort-3</b>	<b>15%</b>	<b>10%</b>

\*Based on third graders in all participating schools, CoGAT or IOWA Test of Basic Skills and other criteria.

## ■ Teachers, Principals and Specialists are taught to: Bright IDEA Professional Development

- “**deconstruct**” the standards for the **Big Ideas** and **Universal Concepts**
- “**unpack**” the level of cognitive and meta-cognitive thinking in the standards in order to create defensible differentiated curricula for all students
- **design** concept-based units of studies aligned to formative and summative assessments and **six facets of understanding**
- **align** curriculum, instruction and assessment using the **Revised Bloom’s Taxonomy**
- **understand** the impact of **Marzano’s Taxonomy** on interest development and student learning

# Impact on Educators

- **Tailors** best gifted and regular education methodologies for teachers/principals/specialists to use with all students.
- **Changes** the dispositions of teachers to believe that all students can “be smart” when immersed in rich and engaging curriculum and motivates them to find the talents, learning styles, interest and gifted behaviors in each student.
- **Builds** on the most advanced research and practices.
- **Focuses** on empowering regular classroom teachers, principals and curriculum specialists, through training and mentoring, to become curriculum innovators and architects for the future.
- **Trains** teachers to design interdisciplinary, concept-based curricular units based on state standards, taxonomies, universal concepts, multicultural resources and big ideas.

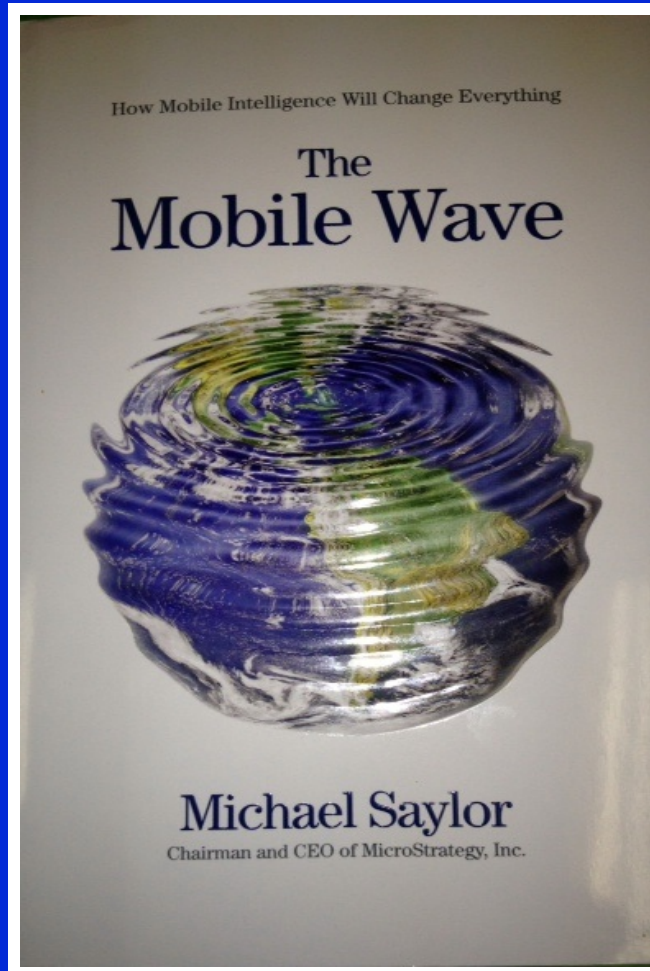
# Impact on Students

- **Infuses** *Building Thinking Skills, Gifted Intelligent Behaviors and Multiple Intelligences into all of the curriculum*
- **Redesigns** classroom environments to meet the learning styles, abilities and interests of all children
- **delivers** instruction through tiered levels of difficulty (curriculum is designed for the top 3-5% class) with entry levels for all students
- **ensures** success for students through flexible grouping and multiple intelligence centers around learning targets, performance tasks, skill development, and formative assessments of procedural knowledge



# Mobile Trends - Saylor

Vanguard Press, 2012



- Universal Computing Platform for Mankind
- 24 hours a day for business/leisure
- Disrupt behaviors impacting consumers, businesses, education, government, politics and the global economy.



# **Now Education is Everywhere and Digital!**

- **GLOBAL LEARNER Unlimited**
- **From the MASSES to the INDIVIDUAL**
- **HOME As the CENTER Of LEARNING**
- **INTERNATIONAL COMMUNICATION**
- **VIRTUAL LEARNING TOOLS**
- **SOCIAL COMMUNITIES**

# **EDUCATION RESEARCH ISSUES - Need New Models**

- **Changing Nature of Intelligence - Costa**
- **Diversity & Multiple Intelligences - Gardner**
- **Gifted Potential of All Students - Frasier**
- **Alternative Assessments - Game Design**
- **Curriculum Models - STEM Problem-Based**
- **Retraining all educators in best practices, rigor and new brain research.**

# Project Bright Tomrrow: The Journey Continues....

Thanks to  
the Jacob  
Javits Gifted  
Program  
funded by  
the US  
Department  
of Education  
& NCDPI  
& AAGC.

