

Personalized
Learning
Summit
2017



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The Lyceum Classroom 2010 Project

One District's Journey To Improve Curriculum

Delbert White Jr., Founder + C.E.O.
Lyceum Classroom IdeaWorks

Nikki Navta, Founder & C.E.O.
Zulama Modern Learning

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#PLSummit

The Lyceum Classroom 2020 Project

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Lyceum Classroom IdeaWorks @Lyceumclassroom

Zulama Modern Learning @Zulamalearn

The Lyceum Classroom 2020 Project

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Zulama Modern Learning

**A Digital Personalized Learning Community to
Power African American Male
High School Student Achievement**

*The Powerful Integration of Personalized
Learning, Education Technology and
Instructional Delivery to Drive Classroom and
School Engagement, Academic Success and
College & Vocational Readiness
for African American Male High School
Students*

**A Digital Personalized Learning Community to
Power African American Male
High School Student Achievement**

*The Opportunity for African American Male
High School Students to Acquire the Digital
Literacy and Skills to Bridge
the “Digital Divide”*

**A Digital Personalized Learning Community to
Power African American Male
High School Student Achievement**

*To Achieve and Promote High-Level Math, ELA
and Writing Literacy and Demonstrate High
Proficiency on College Entrance Examinations*

Workshop Overview and Topics

Understanding the Unique Learning Styles
of African American Male K-12 Students

The Achievement-Attitude-Aspiration-Attainment
Gap

Design/Build an Engaging Classroom Experience
using Personalized Learning & Education
Technology

Workshop Overview and Topics

The Lyceum Classroom 2020 Project

Zulama and the Games-Based Learning Solution

The Classroom of Tomorrow...Today

The Challenges Faced by the African American Male K-12 Student

54% of African American students graduate from high school, compared to 75%+ of White and Asian students.

Nationally, African American male students in Grades K-12 are nearly 2 ½ times likely to be Suspended from School as White students.

On average, African American 12th-grade students read at the same Level as white 8th-grade students.

The Challenges Faced by the African American Male K-12 Student

The 12th-grade reading scores of African American males were significantly lower than those for men and women across every other Racial and Ethnic group.

Only 14% of African American 8th Graders score at or above the Proficient Level.

The Challenges Faced by the African American Male K-12 Student

More than any other racial and/or socioeconomic group, African American male K-12 students struggle academically.

While African American K-12 students are only 17% of the total school population in America, these students represent more than 41% of students in special education classes. 80% of these students are African American males.

African American male K-12 students are the most likely to be classified as suffering from learning disabilities and placed in Special Education classes.

The “Digital Divide” Faced by the African American Male K-12 Student

A George Mason University (VA) Center for Media Innovation and Diversity Study (2016) surveyed 1,000 pairs of African American teens and their parents, and focus groups.

The results found African American teens, especially males, are missing out on key opportunities to innovate with technology and STEM-related instruction.

The Study further found African American males lag significantly behind their White and Asian Counterparts in digital literacy and educational use of technology in the classroom and daily life.

The “Digital Divide” Faced by the African American Male K-12 Student (Con't)

Of the approximately 50% of African American teens that use digital technology, 84% use digital technology to edit pictures or video; 80% to view tutorials about subjects they're interested in; 78% to watch tutorials for school; 67% to create presentations; and 52% to make digital art.

In terms of using digital technology “creatively”, only 45% use digital technology to make digital music; 26% to take online classes; 21% to create or modify video games; 18% to create apps; 17% to create websites; 13% to code; and 3% to start an online business.

While there are no shortages of electronic devices and/or digital technology available to these teens, how the teens use these devices and technology increases the “Digital Divide” for the African American student.

The Challenges Faced by the African American Male K-12 Student

The Promise: Urban Education and Teaching Magazine,
presented the findings of a lengthy Research Project by a group of prominent STEM Educators and Academic Researchers on how Public Education needs to Strengthen STEM Learning for Black Students (2016)

The Research Project, “**Content Learning and Identity Construction (CLIC): A Framework to Strengthen African American Students' Mathematics and Science Learning**”, details how Learning Content builds Strong Math and Science Identify for African American Students.

The Challenges Faced by the African American Male K-12 Student

The research findings estimate in their National 20-Year Trends in STEM Interest, 23% of African American K-12 students will have an Interest in STEM Careers. Hispanic students (28%), Caucasian American students (29%), Native American students (33%) and Asian American students (37%) all have Higher Interest “Ceilings.”

Dr. Jawanza Kunjufu and the Stimulating, Culturally-Relevant Classroom for the African American Male K-12 Student

Dr. Kunjufu's research-based master work, Understanding Black Male Learning Styles, states the “traditional classroom” is not designed to stimulate learning and engagement for the African American male K-12 student.

Dr. Kunjufu's research is aligned with the research of Dr. Rita Dunn. Dr. Dunn's research found learning styles are more than 80% biologically imposed.

**Dr. Jawanza Kunjufu and the Stimulating,
Culturally-Relevant Classroom for the
African American Male K-12 Student**

The Kunjufu Learning Styles Model

**African American Male K-12 Students
are “Visual Picture” Learners**

**African American Male K-12 Students are
“Oral/Auditory” Learners**

**African American Male K-12 Students are
“Tactile/Kinesthetic” Learners**

**African American Male K-12 Students are
“Right-Brain” Learners**

<http://www.afrometrics.org>

**“The Relationship between Culture, Learning
Styles and Academic Achievement: A Case Study
of Young Black Men”**

The Afrometrics Institute at
San Francisco State University, San Francisco, CA

(March 5, 2015)

THOUGHTS...

**OFFER YOUR PERSPECTIVES ON YOUR
AFRICAN AMERICAN MALE K-12
STUDENTS, THEIR ACADEMIC
STRUGGLES AND CLASSROOM
ENGAGEMENT**

THOUGHTS...

**DOES THE “GAP” EXIST IN YOUR SCHOOL,
COMMUNITY AND/OR DISTRICT?**

THOUGHTS...

**WHAT “GRADE” WOULD YOUR AFRICAN
AMERICAN PARENTS GIVE YOUR
SCHOOL AND DISTRICT?**

The Lyceum Classroom 2020 Overview

**An Education Technology Solution &
Tools-enhanced Digital Platform creating a
“Virtual Classroom”**

**Student (with Teacher & Parent Assessments)
is given a Personalized Curriculum Aligned
with Common Core Math and ELA Standards**

The Lyceum Classroom 2020 Overview (Con't)

Content Area Instruction and Comprehension Powers Learning across the Entire Curriculum

Lyceum and Zulama work with each School to design and implement an “Active Learning Center” for the Project

The Lyceum Classroom 2020 Overview (Con't)

The Lyceum Classroom 2020 Project consists of powerful Education Technology Solution & Tools that enhance Classroom Engagement and Academic Achievement

Each Student is provided with a Laptop and High-Speed Internet Connection enabling the Student to Access the Platform and Complete Class Assignments 24/7

The Lyceum Classroom 2020 Overview (Con't)

Teachers and Lyceum Classroom Support Staff can easily Review and Assess Student's Daily, Weekly and Monthly Progress and provide Progress Reports

The Lyceum Classroom 2020 Overview (Con't)

The Zulama Video Game Design/Entertainment Technology Academy App provides Students with a Powerful STEM Instructional Curriculum and consists of a series of Integrated Lessons to build and enhance STEM/STEAM Knowledge and Academic and Vocational IT skills

The Lyceum Classroom 2020 Overview (Con't)

The Listenwise Listening Comprehension App

provides Students with Compelling Real World Podcasts, Listening Comprehension Across the Curriculum, and Academic Language Accessible to all Learners

The Lyceum Classroom 2020 Overview (Con't)

Students and Teachers have access to Khan Academy and its “Pixar-in-a-Box” Simulation Tool, Turnitin Writing Skills and Enhancement App, and SAT/ACT/PSAT Test Preparation App.

The Lyceum Classroom 2020 Overview (Con't)

Students have access to The Federal Depository Insurance Corporation “MoneySmart” Personal Finance Digital Learning Program. Students will learn about Personal Finance, the U.S. Economic System, and can open Checking and Savings Accounts at participating Financial Institutions.

Listenwise Solution Overview

Curated Podcasts for the Classroom

Daily Current Events

Share to Google Classroom

Interactive Transcripts

Listening Comprehension Quizzes

Assessment Reporting by Listening Skill (8 Skills)

Standards-Aligned Lessons

Differentiated Assignment-Creation

Listenwise Solution Overview (Con't)

Reduced Speed Audio

Close Listening with Language Practice

Tiered Vocabulary

Student-Led Story Selection

Progress Monitoring

Uses National Public Radio Curated Digital Video/Audio Clips in a series of 3-5 minute Podcasts

Questions, Comments, Observations?

**Zulama Video Game
Design/Entertainment Technology
Academy App**

The Lyceum Classroom 2020 Project Pilot

25-50 African American Male 9th, 10th & 11th Grade
Students Enrolled in the Same High School

Student Cannot be Designated with an IEP or ADA
“504” Plan

Student and Parent/Guardian Must Commit to Fully
Participate in Pilot for a 12-Month Program Period

Student Must Commit to Perform 50 Hours of
Community Service during the Pilot

Project Pilot (Con't)

Student's Parent/Guardian Agrees to Provide Access to Student's Academic Data, including Standardized Test Scores, Course Grades and other School-generated Data

Each Student will Receive Laptop, High-Speed Internet Access, all Lyceum Classroom Software and Group Tickets to Local Sports, Entertainment and Cultural Events

Students will participate in Local, Regional and National Academic Competitions

Project Pilot (Con't)

Students Successfully Completing the Pilot will be allowed to keep their Laptops, all Lyceum Classroom Software and Free High-Speed Internet Access

Students Successfully Completing the Pilot will receive Certificates and (with Parent/Guardian Approval) will have their Names, Profiles and Pictures Released to Local, Regional, National and Social Media

Students Successfully Completing the Pilot will have the Option of Continuing in the Lyceum Classroom 2020 Project

The Lyceum Classroom Daily Affirmation

**“What would I attempt to do if I
knew I could not fail?”**

Education Elements 2017 Personalized Learning Summit Workshop Experience

bit.ly/PLSWorkshopSurvey

Education Elements 2017 Personalized Learning Summit Workshop

THANK YOU

for joining us as we build the
“Classroom of Tomorrow...Today!”