IZone 2.0
Memphis-Shelby County Schools

The TURNAROUND Digest Review

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Thomas D. Rogers, Ed.D.
Assistant Superintendent
2022-2023 Broad Fellow | Yale School of Management

From the Desk of Dr. Rogers...

As educators, we all know that planning for effective instruction is the first step in ensuring that students have an opportunity to master standards. Lesson planning has to be intentional and strategic to ensure students comprehend and master specific concepts and skills. While we have access to a robust curriculum, pacing guides, PBOs, and a plethora of resources, all pieces have to come together to get the desired outcomes. The ultimate goal of effective instructional planning is to provide powerful teaching and completing learning experiences for all students. By doing so, it is highly likely that our students, many of whom have been underserved for years, will experience and demonstrate high levels of learning.

"Do the best you can until you know better. When you know better, do better." - **Maya Angelou**

With Relentless Collective Efficacy!
Dr. Thomas D. Rogers

IN THE *Spotlight:*

The High School IZone Coaches

IZone Science Coach Kimberly Speight presents to the Oakhaven faculty as Dr. Kinard captures the moment.

Oakhaven HS Principal Jocelyn Mosby recently expressed appreciation to Dr. Rogers and ILD Kiner for the work High School IZone Coaches provided for the Mighty Hawks faculty on August 21st. Hats off to Dr. William Kinard, HS Manager, and his team!

Dr. Rogers and ILD Kiner,

I want to send my gratitude to you for allowing our IZone coaches to facilitate professional development with our teachers today on student engagement. Ms. Speight did a wonderful job leading this work. My teachers left rejuvenated and ready to execute engagement strategies in their classrooms.

Principal Jocelyn Mosby
Oakhaven High School

The Week in Review:

Informal Classroom Walkthroughs & Dr. Marcia Tate's Workshop

Click the image to the right to view the photo montage!

The Focal Point...

Leadership - Ms. Alisha Kiner

Robert Greenleaf, in his book *Servant Leadership*, shared, "The first and most important choice a leader makes is the choice to serve, without which one's capacity to lead is severely limited." In order to serve others effectively, leaders must have empathy. Empathy - vicariously experiencing the feelings, thoughts, and experience of another – has the ability to create a culture of trust and innovation that accelerates results. Mehmet Oz goes further in his explanation by reminding us that the opposite of anger is not calmness, but rather empathy. As we work to establish an empathetic milieu that encapsulates those we serve in support, care, and understanding, use these thoughts from Simon Sinek as the scythe to forge your way through this school year.

Video: Empathy - by Simon Sinek

K-8 Science -Mrs. Angela Rowe-Jackson

M.A.D. Scientists at Work
Masters of 5E with ***Ambition*** and ***Determination***

Our push to encourage the use of hands-on activities in Science lessons continues to focus on the benefits of having a true hands-on/minds-on science classroom. In last week's TDR, we shared how hands-on learning results in physiological and psychological impacts that increase knowledge retention. This week, we will focus on how *teachers* can increase their personal experiences with hands-on learning opportunities.

How to increase your hands-on knowledge/experience:

- Attend professional development/workshops, peer/content coaching sessions, and visit science websites to increase exposure to methods, materials, and a larger community of peers.
- School administrators should encourage teachers to participate in some of the available programs and prepare classroom activities. Educators should also be provided with all the resources needed (kits), and enough time to adjust to the new teaching method.
- Use hands-on methods inside the classroom. Teachers also learn best by doing. Don't be afraid to roll up your sleeves, dig in, and enjoy the experience!

Helpful Links:

Article: Hands-on Science as a Teaching Advantage

2023 NSTA National Conference: Atlanta, GA

Video: STEMscopes Kits Overview

QUESTION: What instructional resource can be utilized to log into STEMScopes? The first teacher to submit to rowead@scsk12.org receives a prize! Deadline: Tuesday, August 30th before 5 pm.

"Together we are *ONE* in *SCIENCE*!"

K-8 Math - Mr. Romond Arnold

According to research, schema-based instruction is one of the most effective ways to help students solve word problems. This practice explicitly teaches students how to recognize the underlying structure in a given word problem to find solutions and apply the knowledge to future problems. Below is the process of implementing schema-based instruction:

- Teach students to analyze a word problem and identify the pattern.
- Identify for students the unique features of each type of problem.
- Explicitly teach the math vocabulary needed for that problem.
- Show how to represent the information using a concrete representation first and then a visual representation.
- Show multiple ways to solve the same problem.

"Embarking on this school year brings us so much joy and excitement that we plan to transition into excellent work!"
- Coach A. Rodgers

Read the problem
Underline the question
Name the problem type

Fuchs et al. (2014)

Detect the problem type
Organize the information using the conceptual model diagram
Transform the diagram into a math equation
Solve for the unknown quantity and check your answer

Xin & Zhang (2009)

K-8 Literacy - Dr. Matara Harris

While the curriculum provides the foundation for what is taught in MSCS classrooms, which is non-negotiable, teacher planning and decision-making bring instructional materials to life in the classroom. The links below will give direct access to standards-aligned tasks and assignments provided within our District curricula.

As a reminder, Wonders and myPerspectives are currently integrating based on the information in PowerSchool. Some teachers may have an issue with their single sign-on access. If that is the case, please access our District curricula by using the information below.

Website: https://my.mheducation.com/login
Username: TNELA2019 Password: TNReview2019

Website: http://www.savvasrealize.com
Username: ShelbyELAReview Password: Welcome1

High School - Dr. William Kinard

"Intentionally Planning Lessons to Keep Students Engaged"

Great job to all of our teachers who continue to participate in lesson plan review sessions to ensure that instruction is rigorous and aligned to meet the demands of the standards. We want to send shoutouts to two of our schools that have modeled "Relentless Collective Efficacy". At Hamilton High School, the content teams have been doing a tremendous job of monitoring and adjusting instructional practices based on school needs. "Love Hamilton, Absolutely!" Another shoutout to Principal Mosby and the faculty of Oakhaven High for eagerly and actively participating in "Keeping Students Engaged" professional development provided by Ms. Kimberly Speight of the IZone High School Centralized Support Team during Monday's faculty meeting. "At Oakhaven, Hawks don't walk, we fly"!