

The TURNAROUND

Digest Review

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From the Desk of Dr. Rogers...

Systems & Operations

According to a Harvard Business Review Study, only 5% of employees are aware of/understand their organization's strategy. When it comes to systems and operations in schools, the most valuable system is always instruction and the aligned structures that yield effectiveness, as evidenced by student academic outcomes. High-quality instruction has to be undergirded by data and strategic planning with an alignment to standards. Typically, if the systems around planning for instructional delivery are tight, the operations in the school are tight and time-stamped. In other words, the key lever of systems and operations is paramount to routines, procedures, and consistency.

With Relentless Collective Efficacy!

Dr. Thomas D. Rogers

**Systems
&
Operations**

Click the icon above to learn more about the how important school administration is for students' education.

Leadership - Dr. Debra Stanford, Zone 9 ILD

When it comes to improving instruction and learning, it is not the quantity of the data that counts, but how the information is used. We are nearing the end of our first formative assessment window; I wonder what our students will tell us about their instructional experience?

A picture may be worth a thousand words, but in education, data speak volumes. Data analysis can provide a snapshot of what students know, what they should know, and what can be done to meet their academic needs. With appropriate data analysis and use (TEAM Rubric, A.2), educators can make informed decisions that positively affect student outcomes. What is your data meeting protocol? Have you established a cadence? Click the photo below to view a data analysis session in action.



High School Neophytes in Education

We would like to highlight two of our teachers who are new to education and to IZone 2.0:

Ms. Shawntayla Harris
Hamilton HS Math Teacher

Ms. Tiffany Jones
Wooddale HS Science Teacher

These teachers have embraced support and have shown tremendous strides in providing high-quality instruction to our students.

Click the star below to learn more about these awesome educators.





The Focal Point...

K-8 Literacy - Dr. Matara Harris

Greetings Essential Educators,



Effectively engaging students can support student learning and achievement. More than 50% of behavior problems can be reduced by creating a welcoming classroom environment that features appropriate music, lighting, color, aroma, and seating. The "Musical Mingle" engagement strategy featured below can support student learning and achievement for all grades and contents.

Musical Mingle works along the same lines as Musical Chairs, but students are asked to stand instead of sitting. Use check for understanding questions with this strategy.

1. Pose one of the check for understanding questions and ask students to think of the possible answer.
2. Play music and direct students to meander around until the music stops.
3. When the music stops, students will share their answers with their neighbor.
4. Ask two volunteer groups to share their responses with evidence.
5. Provide feedback to student responses.
6. Repeat if you have more check for understanding questions.

Link: [Additional Engagement Strategies](#)

K-8 Science - Mrs. Angela Rowe-Jackson

M.A.D. Scientists at Work

Masters of 5E with **Ambition** and **Determination**

How Engagement Strategies Live in Science - Pt.4
Station Rotations

This week we will focus on how we merge both movement and hands-on experiments in the classroom. This will be done through station rotations. Small group station rotations afford students the chance to work with their hands through labs and small experiments. Smaller groups mean that each student will have more opportunities to take an active role in the activity. Each station will be a hands-on challenge for students, rather than a demonstration by the instructor. Students will generally remember what they learn through these stations more than they would if there was a demonstration of the concept because it allows students to be actively involved and engaged.

Here are some great reads that provide more information!!!

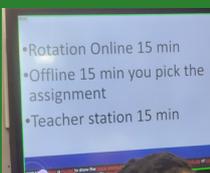
Article: [Setting Up Effective Science Stations for Your Middle School Classroom](#)

Article: [Station Rotation Model](#)

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



Mr. Nassar
Riverview K-8



Stations in Action
in IZone



Ms. Morris
Grandview Heights MS

K-8 Math - Mr. Romond Arnold

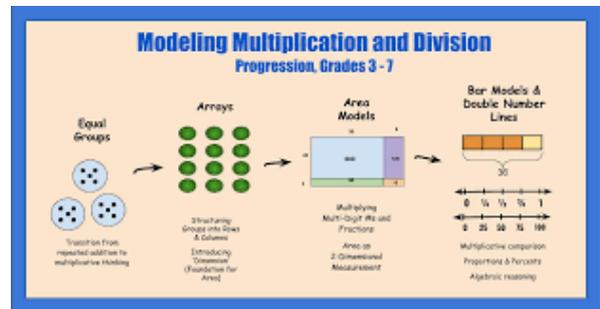
Hello IZone 2.0 Mathematicians,

Visual models play an important role in conceptual math as they are effective tools for developing and assessing conceptual understanding. The brain is designed to distill disconnected bits of information as students retain learning when it is connected to something meaningful. Every math teacher has experienced the challenge of helping students master word problems. Students may demonstrate an understanding of math, but they are not able to apply the mathematical concept to real-world scenarios. This is where the implementation of visual models can be most effective. Think of models as a tool for helping students understand the math you are already teaching. For example, instead of worrying that you 'need to teach multiplication tables and arrays,' use arrays to demonstrate the meaning of multiplication. Below are some sample visual models you may find helpful to use in your classes.

Elementary: counting discs, ten frames, fraction circles, fraction models, part-part-whole organizers, arrays, area models, bar models, and [Interactive Counting Discs](#)

Middle School: integer discs, Algebra tiles, number lines, discs modeling exponents, and pan balances

Website: [Math is Visual](#)



High School - Dr. William Kinard

Just how critical is writing? According to the experts, it is vital and shouldn't just live in the ELA classroom. Writing should occur across all disciplines. In an article published by Edutopia entitled "[Why Students Should Write in All Subjects](#)", the matter is discussed and validated by a study completed at Arizona State University's Teacher's College, where 56 complete investigations where students wrote in Social Studies, Science and Math. The study yielded enhanced learning in all grade levels. Effective writing is a necessary life-long skill everyone should possess.

Effective writing is essential for literacy growth and is a critical communication tool for students to convey thoughts and opinions, describe ideas and events, and analyze information. Indeed, writing is a life-long skill that plays a crucial role in post-secondary success across academic and vocational disciplines. In addition, according to research done on behalf of the US Department of Education, improving students' writing skills helps them succeed inside and outside the classroom. The Institute of Education Sciences' [Teaching Secondary Students to Write Effectively Practice Guide](#) validates the importance of effective writing instruction.

This quarter, the practices needed to write quality Informative/Explanatory pieces should have begun. In the Practitioner's Guide mentioned above, researchers discuss three significant recommendations for instructing students on effective writing. Those three recommendations are: (1) Explicitly teach appropriate writing strategies using a Model-Practice-Reflect instructional cycle, (2) Integrate writing and reading to emphasize key writing features, and (3) Use assessments of student writing to inform instruction.

"It's none of their business that you have to learn to write.
Let them think you were born that way."
Ernest Hemingway - American novelist, writer, and journalist



"Out Front Where We Belong!"

IZONE 2.0

Thomas D. Rogers, Ed.D.
ASSISTANT SUPERINTENDENT

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