Process Improvement Meeting Agenda – 2/26

- MEVA Mission and Vision.
- Comprehensive Needs Assessment.
- Progress Monitoring: SY-2023/2024 CNA Goals.
- New Literacy Grant.
- Win over the student initiative.
- SY-2024/2025 Re-Registration Update Stephanie Emery.
- MTSS Instructional Strategies: Scaffolding Caroline Peinado and Holly Russell.
- Proficiency Subgroups and Instructional Strategies Christina O'Grady.
- Vocabulary Instructional Strategies Lena Vitagliano.
- Collaborative Professional Development Survey Don Fournier.
- Al Exploration Committee Don Fournier.
- Other and next Process Improvement Meeting on Monday, March 4th, 3:00
 pm.

MEVA Mission and Vision

School Mission:

Maine Virtual Academy's (MEVA) mission is to develop each student's full potential with <u>learner-centered</u> <u>instruction</u>, research-based curriculum and educational tools and resources to provide a high-quality learning experience for grade 7-12 students who are in need of alternative educational options. MEVA will develop an Individualized Learning Plan (ILP) with specific learning goals to meet each student's needs. MEVA's rigorous curriculum is aligned to the eight Maine content areas, the Maine Learning Results, the Common Core State Standards and the Next Generation Science Standards.

School Vision:

MEVA will be a leading 21st century public charter school in Maine and will improve student learning outcomes through individualized instruction, as evidenced by student academic proficiency, student academic growth, post-secondary readiness, and the demonstration of 21st century skills such as critical thinking, problem solving, and self-direction. MEVA will empower students to acquire the academic and life skills needed to succeed in post-secondary education and career opportunities. Our graduates will be prepared for college or other postsecondary career training opportunities

Annual Comprehensive Needs Assessment

- MEVA reviews its overarching needs in math, literacy, and school climate on an annual basis.
- The process culminates with updating our Comprehensive Needs
 Assessment (CNA) document and preparing the ESEA grant application.
- In previous years ESEA funds have been channeled to provide supplementary instruction.
- We may draw from data from multiple sources shared at our process improvement meetings and factor in the spring 2023 state assessment results.
- Teachers work together to facilitate learner-centered individualized instruction.

Progress Monitoring SY-2023/2024 CNA Goals

Goal 1: Literacy Achievement: The percentage of students in grades 7-11 who meet their ELA Reading and Language NWEA growth targets will increase from 47% to 48%, and from 59% to 60%, resp., by spring 2024.

Changes: Teachers will receive instructional coaching on how to facilitate targeted literacy (reading & language usage) remediation for students in each grade-level and achievement band.

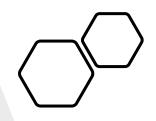
Goal 2: Math Achievement: The percentage of students in grades 7-11 who achieve/meet their math NWEA RIT growth target will **increase from 58% to 59% by spring 2024.**

Changes: Teachers will receive instructional coaching on how to facilitate targeted math remediation for students in each grade-level and achievement band.

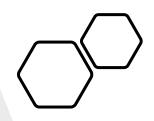
Goal 3: School Climate: Favorable responses on the annual Panorama school climate survey for students in grades 7-12 will **equal or exceed 75%, by spring 2024**.

Changes: Teachers will receive instructional coaching on how to facilitate advisory curriculum, building students' twenty-first century skills, in accordance with the MEVA mission and vision.

Reading			
	Met Projected RIT		
Grade 7	57%		
Grade 8	45%		
Grade 9	63%		
Grade 10	56%		
Grade 11	55%		
Schoolwide	55%		



Language Usage			
	Met Projected RIT		
Grade 7	55%		
Grade 8	48%		
Grade 9	54%		
Grade 10	52%		
Grade 11	46%		
Schoolwide	50%		



Mathematics		
	Met Projected RIT	
Grade 7	57%	
Grade 8	64%	
Grade 9	66%	
Grade 10	47%	
Grade 11	49%	
Schoolwide	56%	

Progress Monitoring SY-2023/2024 CNA Goals: Winter '24 NWEA MAP Growth Data

- The Winter '24 NWEA MAP Growth Data indicates that we are likely on track to exceed our CNA reading goal, but we are at risk of not meeting our CNA language and math goals.
- We are consistently utilizing instructional strategies to improve outcomes.

Plans for comprehensive interventions and supports and targeted interventions and supports, as written within the SY-2023/2024 Comprehensive Needs Assessment

Teachers will receive **instructional coaching** on how to facilitate targeted literacy (reading & language usage) remediation for students in each grade-level and achievement band. **Instructional coaching** will improve MEVA teachers' consistency with respect to facilitating reading and language usage remediation for students in each grade-level and achievement band.

Teachers will receive **instructional coaching** on how to facilitate targeted math remediation for students in each grade-level and achievement band. **Instructional coaching** will improve MEVA teachers' consistency with respect to facilitating math remediation for students in each grade-level and achievement band.

Teachers will receive **instructional coaching** on how to facilitate advisory curriculum, building students' twenty-first century skills, in accordance with the MEVA mission and vision. **Instructional coaching** will improve MEVA teachers' consistency with respect to facilitating advisory curriculum for students in each grade-level band.

New Literacy Grant Approved

- Action steps: (1) Teachers disaggregate their students' literacy data to determine what
 instructional areas are needed. (2) Teachers work on their virtual course design and
 evidence-based instructional practices to develop lessons/units that are aligned to
 literacy standards and encourage students to understand their own progress and goals.
 (3) Teachers have the opportunity to share their experiences and data at regular team
 meetings.
- Evidence: https://ies.ed.gov/ncee/wwc/Docs/PracticeGuide/dddm pg 092909.pdf Evidence-based instructional practices: https://www.nwea.org/resource-center/white-paper/69846/The-transformative-ten-instructional-strategies-learned-from-high-growth-schools NWEA white-paper.pdf/
- MEVA's literacy grant builds our data-driven instructional culture, which is sustained by regular student assessments, evidence-based instructional strategies, and teacher-team meetings. We expect to make the grant activity part of the long-term academic plan for our school. Funding from other sources will be utilized to sustain the momentum, providing professional learning as needed.
- We will share our implementation plan with your departments.

Win Over the Student!

Thoughtful and consistent communication is the foundation on building successful rapport with our families and students.

Immediate intervention has been recognized as the most effective method in student retention. Every role within the school plays an important part in this effort.

Without our Students there would be no MEVA!

Win Over & Rapport

• <u>Win Over</u>: is a proactive approach/mindset. Win "back" is more reactive and is also needed in some cases, like in progress withdrawals as an example.

Rapport Definition:

• The Merriam-Webster Dictionary defines Rapport as; a friendly, harmonious relationship especially: a relationship characterized by agreement, mutual understanding, or empathy that makes communication possible or easy.

Google Dictionary - Examples of Further Meaning;

- 1. Rapport is a good sense of understanding and trust.
- 2. A close and harmonious relationship in which the people or groups concerned understand each other's feelings or ideas and communicate well. Example, "she was able to establish a good rapport with the children"

Communication

In ALL Cases;

- Communication should always exhibit compassion, empathy and kindness.
- Be an effective communicator, timely and responsive.
- Exhibit a willingness to help and serve our families well.
- Never forget to share the vast opportunities we have at MEVA to support our students!

Withdrawal Mitigation Process

- <u>Ask why?</u> Use phrases like, "<u>Before</u> you withdraw, tell me about your reason. There may be something we can do for you."
- <u>Listen for keywords</u>; lack of support, socialization, motivation challenges, tech or navigation challenges and so forth.
- <u>As you listen, empathize</u> Understand their position and their feelings. Many times, families or students have been thinking about withdrawal for a while.
- <u>Advocate for MEVA's programs</u> Share information on our clubs, self-paced options, and student support opportunities. See if they are willing to have a team meeting to talk over work credit options, early college opportunities, and so much more. Some students may qualify for early graduation.
- <u>Document, document</u> your mitigation efforts in contact logs within Infinite Campus, then <u>submit an intervention form</u>. Familiarize yourself with the form selections to be aware of the kinds of barriers that lead to withdrawals.
- <u>Link to the form</u>: 23-24 Rapid Intervention Form (RIF)

From Cornell's TCI and CARE model.

weCARE

WILLING **NOT WILLING ENCOURAGE** As if ACKNOWLEDGE Offer assistance Give Choices Give positive attention Predict the future Join in activity Make a request Ask child to teach others Natural or logical consequence TEACH CHANGE EXPECTATIONS Give positive attention Change the expectation Join in activity Redirect the activity Ask child to teach others Drop the expectation



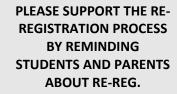
24-25 Re-Registration

<u>Open:</u> 2/26 – 3/1





RE-REGISTRATION
COMMUNICATIONS
HAVE BEEN DISTRIBUTED
TO FAMILIES VIA EMAIL
AND TEXT OVER THE
PAST WEEK, WHICH
INCLUDE A RE-REG
WALKTHROUGH GUIDE.





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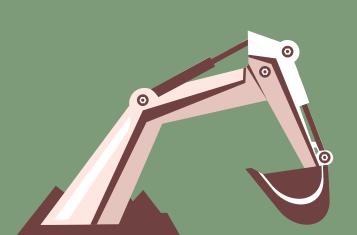
PLEASE REFER FAMILIES
TO
SEMERY@MAINEVIRTUA
LACADEMY.ORG FOR
ANY RE-REG ASSISTANCE

QUICK LINK YOU CAN SHARE WITH FAMILIES WHO NEED THE LINK TO THE PORTAL:

ENROLLMENT PORTAL

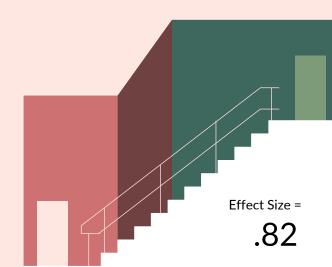
PROBLEM

Some of your students lack the requisite skills to complete an assignment



SOLUTION

Scaffolding!!



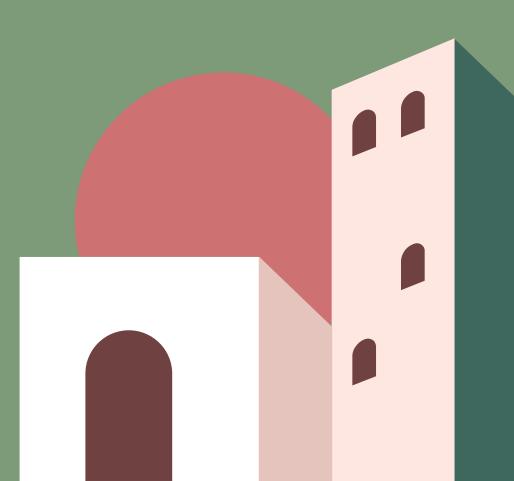
HOW DOES SCAFFOLDING WORK?

- ☐ Scaffolding is a <u>temporary</u>, <u>movable</u> support system or structure that allows individuals to move forward in whatever task is at hand

- △ Scaffolding is only used until the support system is no longer needed, at which time it is removed (Fisher and Frey, 2023)

INSTRUCTIONAL SCAFFOLDING IS...

- Breaking down complex tasks into smaller, more manageable steps or chunks
- Providing support and feedback as students work through each step
- Gradually removing the scaffolding as students become more proficient



SCAFFOLDING IS NOT DIFFERENTIATION!

SCAFFOLDING:

- ☐ Provides structure and support for ALL students
- ls gradually faded as students become independent

DIFFERENTIATION:

- Provides different assignments or instructional methods based on individual needs
 - $\hat{\Box}$ $\,$ Is not typically removed

I DO, WE DO, YOU DO

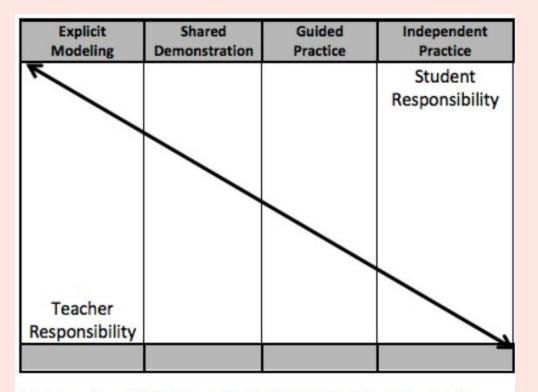


Figure 1. Share of responsibility for task completion in the 'I Do, We Do, You Do' framework, adapted from Pearson, P. D., & Gallagher, M. (1983).



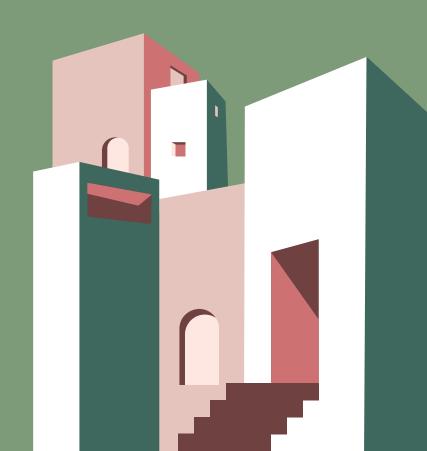
FORMATIVE ASSESSMENT & SCAFFOLDING

REMINDER:

By using frequent, ongoing formative assessments we can determine what additional structures need to be put in place in order for students to acquire the skills and knowledge of the unit

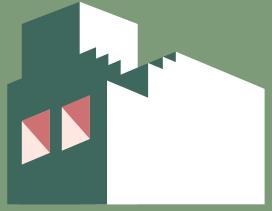
WHOLE CLASS STRATEGIES

- - Think aloud
 - Modeling & Exemplars
- - Make Connections
 - o K-W-L
- - Graphic organizers, pictures, charts, video clips, tutorial videos



△ IN DISCUSSIONS

Sentence Frames for Discussion					
Discussion Topic:					
Unit Standards and/or Essential Questions:					
Check Understanding	, could you ple that? I did not understand could you repeat that, please? Can you say more about that? I have a question about question.] I'm not sure I mean?	[State your			
Link Your Comments to the Remarks of Others	My idea is related to	this, I see			
Expressing Your Own Ideas	I believe that In my opinion I think that because My experience with think				



The Shift to Student-Led | Catlin R. Tucker and Katie Novak

△ IN NOTETAKING



Cornell Notes	Topic/Objecti	ve:	Name:
l	l		
l	l		Class/Period:
l	l		Date:
Essential Question:			
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Questions:		Notes:	
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△ IN WRITING



CLOSE READINGanchor chart



DO THESE THINGS



Read the text slowly at least twice >> x 2





Get the gist of what the text is about





Circle words you aren't sure of and try to figure them out





Reread, annotate, and underline key vocabulary





Use the text to answer questions ???





Gather evidence from the text





Talk with each other about what (you think it means

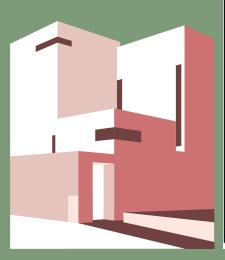


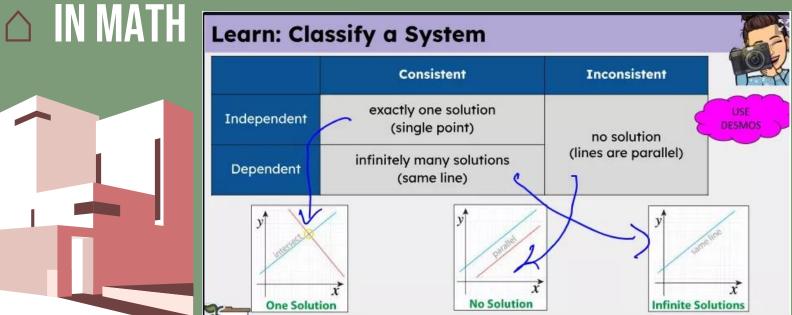


Read again to summarize or answer specific questions









△ IN PROJECT BASED LEARNING



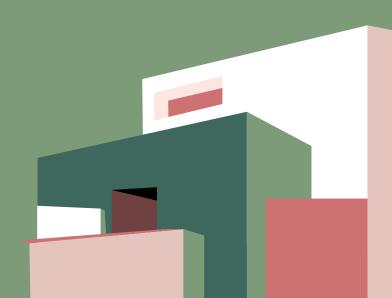
Mini-Inquiry #1 Checklist

	Check here when complete	Parent Signature
I have created a new section called "Mini Inquiry # 1."		
In the sections " Mini Inquiry # 1" I have one thick question.		
In the sections " Mini Inquiry # 1" I have three thin questions.		
I have at least one paragraph to answer thin question # 1 (additional resources not mandated but are a good idea!)		
I have at least one paragraph to answer thin question # 2 (additional resources not mandated but are a good idea!)		
I have at least one paragraph to answer thin question # 3 (additional resources not mandated but are a good idea!)		
I have at least two paragraphs to answer my thick question (additional resources not mandated but are a good idea!)		
I have created a subheading titled "New Thinking."		
I have one paragraph that describes new thinking that came out of my first mini-inquiry.		

SCAFFOLDING ON THE FLY!

Breakout Room Strategies....

- ☐ Example problems



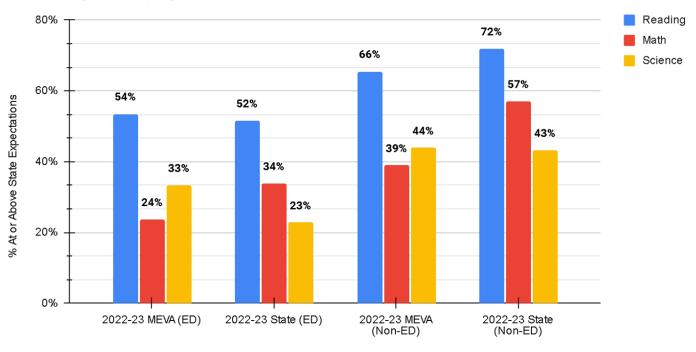
Maine Through Year Spring 2023 Subgroup Data



Economically Disadvantaged

Economically Disadvantaged

Maine Through Year - Spring 2023



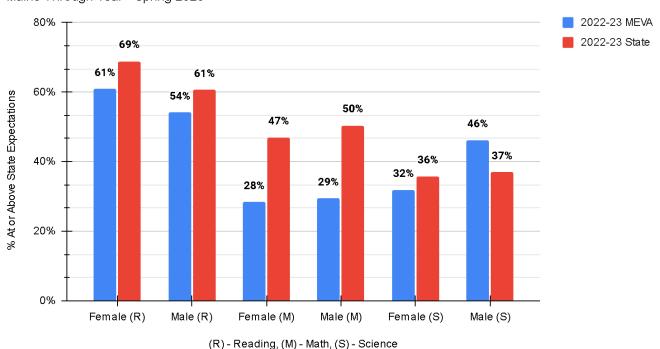




Biological Sex

Biological Sex

Maine Through Year - Spring 2023

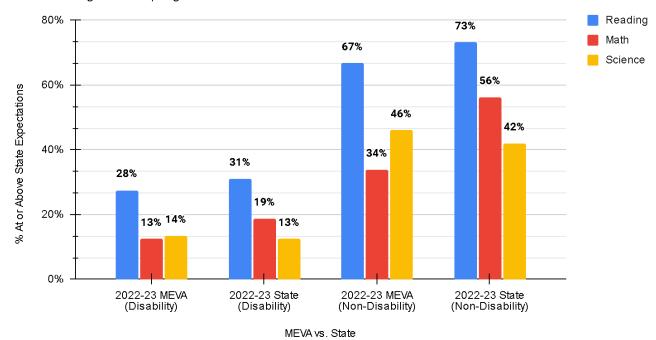






Students with Disabilities

Maine Through Year - Spring 2023









Instructional Strategies: To Reach Diverse Learners



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What are

instructional strategies?



Time



Before proceeding, let's address the "elephant in the room" - time. These strategies need not be an added burden, but rather as you are planning your instruction for the whole-group - add in these techniques, research shows they benefit ALL students, not just students represented in a subgroup category.



Instructional Strategies



Key Vocabulary

Prior Knowledge Links

Paired and Cooperative Learning

Curricular and Personal Connections

Higher Order Thinking

Key Vocabulary

This is probably the most overlooked strategy, in our changing student population, students come with us lacking a basic understanding of key terms in all subject areas.

 Work with students to identify, recognize, develop, and use new terminology. Have students practice describing phenomenon using the correct terminology. This can be done in all disciplines.





Prior Knowledge Links

Activate a student's prior knowledge, students are coming to each discipline and grade with gaps in their prior knowledge, using an "activation" question can help you identify the gaps specific to the lesson you are teaching.

Be sure to not only tap into prior knowledge, but also when they may have experienced a similar situation or used a similar concept.





Paired and Cooperative Learning

eeping

Combining students with varying learning abilities, interests, language proficiencies, or other skill strengths into groups. Keeping these groups heterogeneous, when possible.

Curricular and Personal Connections



Help students make connections with other content and discipline areas by relating new concepts to previously learned ones. Help students to make those connections to their lived experiences, as well.



Higher Order Thinking Skills

Challenge students to go beyond comprehension of basic material by moving them toward more abstract reasoning, such as making inferences, predictions, and appropriate connections.

Encouraging ALL students to go beyond their current scope allows all students to develop higher order thinking skills.





The Importance and Essentials of....

Explicit VOCABULARY Instruction



Understanding Explicit Vocabulary Instruction

....Is the direct teaching of specific words or phrases, their meanings, and usage within context across all content and core classes

Importance:

- Provides clarity and understanding.
- Equips students with tools for comprehension.
- Fosters effective communication skills.







RESEARCH...

~Emphasized the importance of vocabulary instruction for reading comprehension

~Explicit vocabulary instruction identified as one of the key components of cative reading instruction

effectiveness of
explicit vocabulary
instruction for
learner progress
across various
content areas.
Key findings from
research studies:

~Emphasized the significant of direct and explicit instruction in vocabulary development.

~Advocated for systematic instruction of both general academic and domain-specific vocabulary.

Beck, McKeown, and Kucan (2013)

Graves (2006)

Emphasized the role of

engaging, meaningful activities in vocabulary.

Highlighted the importance of providing opportunities for students to actively use new vocabulary words in writing, speaking, and other contexts.

National Reading Panel Report (2000)

~Emphasized the importance of integrating vocabulary instruction into content-area instruction.

~Advocated for teaching vocabulary in context, using authentic texts and materials from various content areas.

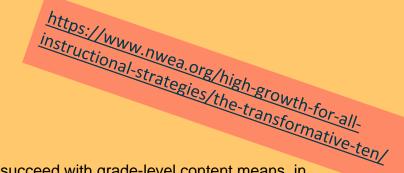
Fisher and Frey (2014)

Explicit Vocabulary Across all Content and Curriculum

Language Arts Mathematics Science **Social Studies** ~Assists students ~Essential for grasping ~Clarifies problem-~Enables deeper analyze historical scientific principles solving strategies. comprehension of ~Supports events. ~Facilitates texts. ~Facilitates interpretation of understanding of ~Enhances writing scientific texts and understanding of essential concepts skills. cultural nuances. data.

This leads to increased district and state test preparation by equipping students with the vocabulary and language skills needed to comprehend assessment prompts, interpret test questions, comprehend passage-based assessments, produce effective responses, and demonstrate proficiency.

NWEA White Paper: The transformative ten: Instructional strategies learned from high-growth schools by Chase Nordegren, PhD. EXCERPT:



Strategy 10: Explicitly teach academic vocabulary Ensuring students succeed with grade-level content means, in part, giving students the tools they need to understand new materials. Improving students' "background knowledge" is an often stated, yet fairly vague goal. In recent years, researchers have come to understand the critical role that specific vocabulary plays in the background knowledge; indeed, "knowledge of specific terms is, for all intents and purposes, synonymous with background knowledge" (Marzano, 2004, p. 62). Direct instruction in subject-specific vocabulary terms helps students at all ability levels access grade-level content (Goodwin et al., 2023). The benefits of this approach extend both to learning works themselves and to strategies that help students learn new words, like analyzing prefixes and suffixes or using a dictionary (Goodwin et al., 2023). Despite the power of this approach, specific time during the instructional day is rarely carved out to instruct on vocabulary, especially at the middle school level (Kelley et al., 2010). Highgrowth teachers create specific opportunities for students to learn new vocabulary and vocabulary strategies.

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extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.nwea.org/resource-center/white-paper/69846/The-transformative-ten-instructional-strategies-learned-from-high-growth-schools NWEA white-paper.pdf/

The U.S. Department of Education's National Center for Education Statistics, in a 2013 white paper noted that a learner's reading performance may not improve until they have a better grasp of vocabulary

Reading is an essential gateway skill

~75% of the variance in academic achievement is attributable to reading.

Vocabulary and Reading Comprehension

- •Vocabulary skill acquisition closely mirrors reading comprehension skill.
- Recent data from the NCES highlighted that the top 25% of readers turned in an average 255 point vocabulary score on a 500 point scale; the weakest 25% scored only 177 points

Unfortunately vocabulary acquisition is stagnate - in general - schools are not focusing on narrowing the vocabulary gap that exists despite the availability of evidence based practices that are demonstrating success in vocabulary acquisition. Educators continue to allow learners to repeatedly use vocabulary that they already know in spite of the knowledge that a rich vocabulary is absolutely key to student's academic success – research suggests it's the single biggest indicator of a student's future achievement.

Strategies for EXPLICIT VOCABULARY instruction

Contextual Learning

of meaningful texts or real-

world situations.

Teach words within the context

Word Maps and Graphic Organizers

Help students visualize relationships between words and concepts.

Active Engagement

Encourage students to use new vocabulary in discussions, writing assignments, and projects.

IMPLEMENTATION

Select rich texts and materials that expose learners to diverse vocabulary in authentic contexts. Engage learners in discussions, activities, and projects that require the application of vocabulary words. Request learners create their own maps or fill in pre-designed templates. Encouraging the use of graphic organizers during reading, writing, and content-based activities that reinforces vocabulary acquisition.

Provide guided practice and opportunities for application in authentic reading and writing tasks that support learners in internalizing and applying newly learned vocabulary

TOP 100 Assessment terms to support Learner progress on state and district testing:

Analyze Structure Purpose Evaluate Process Claim Compare Cause Evidence

Contrast Effect Counterargument

Summarize Relationship Rebuttal
Interpret Influence Logical
Explain Impact Persuasive

Describe Significance Expository

Predict Interpretation Narrative
Infer Perspective Argumentative

Identify Point of view Protagonist

Formulate Theme Antagonist

Evidence Main idea Symbol
Argument Plot Motif

Thesis Character Allusion
Hypothesis Setting Imagery
Experiment Conflict Stanza

Conclusion Resolution Rhyme

Observation Theme Meter

Variable Genre Sonnet

Factor Symbolism Soliloquy

Data Metaphor Monologue

Graph Simile Dialogue

Diagram Allegory Stage direction

Equation Foreshadowing Tragedy

Function Irony Comedy

Solution Tone Satire

Strategy Mood Allegory

Procedure Alliteration Genre

Method Hyperbole Diction

Principle Onomatopoeia Syntax

Principle Unornatopoeia Syntax

Theory Personification Figurative

Concept Rhetoric

Pattern Audience

All Academic Math Words

Grade	#of words learners should be proficient with	Avg. words per week (36 weeks)
Sixth	196	5.4
Seventh	230	6.4
Eighth	207	5.8
Ninth-Twelfth	341	9.5

Assessment Vocabulary

Sixth	110	3.1
Seventh	106	2.9
Eighth	91	2.5
Ninth-Twelfth	220	6.1

All Academic ELA Words

Grade	#of words learners should be proficient with	Avg. words per week (36 weeks)
Seventh	276	7.7
Eighth	282	7.8
Ninth-Tenth	274	7.6
Eleventh-Twelfth	268	7.4

Assessment Vocabulary

Seventh	230	6.4
Eighth	221	6.1
Ninth-Tenth	199	5.5
Eleventh-Twelfth	208	5.8

Benefits of consistent VOCABULARY acquisition

Increased Academic Achievement:

~Research shows a positive correlation between vocabulary knowledge and academic performance.

Improved Reading Comprehension:

~Direct instruction of key vocabulary boosts comprehension and fluency.

Enhanced Critical Thinking:

~Rich vocabulary enables students to analyze and evaluate information more effectively.

Enhances Connections:

~Essential tool to boost students' background knowledge

Access to Grade Level Standards:

~Direct instruction in subject-specific vocabulary terms helps students at all ability levels access grade-level content

Strategies



Ways to engage with Vocabulary



Encourage use of DICTIONARY

Digital FLASH CARDS



Provide Examples

Offer an idiom a week



Discuss the difference between the new word and related words. Have students create sentences that contain the new word



Teach Synonyms

Teach Antonyms



Define word meanings

Rewrite definitions



WORD ASSOCIATION

Find alternative words with same meaning





Explicit vocabulary instruction is vital across all core content areas.

It enhances comprehension, critical thinking, and academic achievement.

Rich vocabulary = higher assessment results

CALL TO ACTION

RECAP

Commit to integrating explicit vocabulary instruction into our teaching practices to support the progress of all learners.

Develop a plan to focus on vocabulary instruction on a weekly basis.

Collaborative Professional Development Survey

AI Ad Hoc Committee

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Collaborative PD Survey

Please rank order each of these PD items from highest to lowest priority. This will help us determine which areas to begin with as we build out the rest of this year's PD offerings.

⊘



AI

Ad Hoc committee

Follow this link to sign up: https://forms.gle/ZgZVBaHTYAo VuzVN9

Other

- Other topics and/or questions?
- For Semester-2, enter/<u>update</u> your daily schedule on your Google calendars and don't forget to add 'lunch'!
- Next Process Improvement Meeting on Monday, March 4th, 3:00 pm.
- Friday, March 15th, is a teacher/student day off. Please cancel your live sessions to suit.
- Looking ahead, April break begins on Friday, 12th, and ends on the 19th.
 Please cancel your live sessions to suit.
- MEVA virtual high school graduation on Friday, June 7th, 2:00 pm, and virtual eighth grade recognition ceremony on Friday, June 14th, 11:00 am.

MEVA Academic Assessment Calendar

2023-2024 School Year

2023-2024 3CH00H Feat	
NWEA (Fall): Math, Reading, & Language Usage	Grades 7-11, September 12-14
I-Ready (Fall): Algebra Readiness	Grade 9, August 28 - September 29
ACCUPLACER (Fall): Math & Reading	Graduating Students, Grade 12, September 12-14
MEAs (Fall): In-Person, Math & Reading	Grades 7, 8, & 10, October 2-27
NWEA (Winter): Math, Reading, & Language Usage	Grades 7-11, January 9-11
I-Ready (Winter): Algebra Readiness	Grade 9, January 15 - February 16
NWEA (Spring): Math, Reading, & Language Usage	Grades 7-11, April 30 - May 2
I-Ready (Spring): Algebra Readiness	Grade 9, May 1-31
MEAs (Spring): In-Person, Math & Reading and Science	Grades 7, 8, 10, & 11, May 2024